Luminoso
LED LIGHTING

Product Flipbook

VISIONZ

Outdoor Lights

Indoor Lights

Emergency Exit Signs/Lights

01   AREA / ROADWAY LIGHT

SLS AREA LIGHT

The Luminoso SLS Series delivers a high level of performance in a scalable, low-profile design. Our high-efficiency optical system provides uniformity while saving energy, illuminating walkways, parking lots, roadways, building areas and providing security lighting. IP66 rated and UL Listed for wet locations.

Lumen Maintenance **>90%**

Hours of Operation **60,000**

Features:

Our luminaire incorporates five types of optics, T2M, T3M, T4M, T5M, and AFL (Automotive Front-line). With a choice of 9 lumen packages, the SLS LED luminaire allows scalability from 12,800 to 90,000 delivered lumens. The color temperatures available are 3000K, 3500K, 4000K, and 5000K.

2   4   6   8   10

RoHS COMPLIANT   **60,000** Hours   **LIMITED WARRANTY 5 YEAR**   **IP65** Rated   **UL CERTIFIED**   **DLC QPL LISTED PREMIUM** Pending

Nominal Power & Lumens

Number of Light Squares	2	4	6
Nominal Power (Watts)	80	160	240
SLS - S0 = 40W per Light Square 160 lm/W	12,800	25,600	38,400

Nominal Lumens are based on 4000K / 5000K*

Number of Light Squares	2	4	6	8	10	12
Nominal Power (Watts)	100	200	300	400	500	600
SLS - H0 = 50W per Light Square 150 lm/W	15,000	30,000	45,000	60,000	75,000	90,000

Nominal Lumens are based on 4000K / 5000K

EAL2

250W/300W

150W/200W
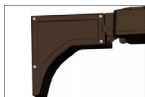

40W/70W/100W

Specifications:

- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants.
- Type III, IV, and V distributions
- Light engines are available in standard 4000K and 5000K (70 CRI) configurations.
- Lumen Packages from 5,500 to 41,000 Lumens replaces up to 1000W Metal Halide.
- The 3M, 4M, and 5M optics are precisely designed to shape the distribution, maximizing efficiency and application spacing.
- For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed.
- The optics conform to dark sky requirement.
- 120-277VAC and 347-480VAC available
- 0-10V dimming driver
- Optional Motion Sensor
- Optional Photocell
- Estimated 100,000-hour LED rated life based on IES LM-80 results and TM-21 calculations

Photo control
Optional twist-lock photo-control allows for further energy saving.

Housing
Die-cast waterproof aluminum housing in a powder coat finish. Heavy duty heat-sink for superior thermal dissipation.

Standard Arm Mount
The design features an integral arm, increasing strength and simplifying installation.

PIR Sensor
Optional PIR sensor allows for security and energy saving
120-277V Only

Photometry
Optional Type Ⅲ and Type Ⅳ and Type Ⅴ Photometry as per applications.

Mounting options:

Arm Mount

Slipfitter Mount

Wall Mount

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
EAL2-40	40W	5,500	4000K / 5000K	120-277V	19.2 x 8.5 x 2.8 in
EAL2-45	45W	6,000	4000K / 5000K	347-480V	19.2 x 8.5 x 2.8 in
EAL2-70	70W	9,600	4000K / 5000K	120-277V	19.2 x 8.5 x 2.8 in
EAL2-75	75W	10,000	4000K / 5000K	347-480V	19.2 x 8.5 x 2.8 in
EAL2-100	100W	13,800	4000K / 5000K	120-277V	21.8 x 12.3 x 2.8 in
EAL2-150	150W	20,800	4000K / 5000K	120-277V / 347-480V	21.8 x 12.3 x 2.8 in
EAL2-200	200W	26,000	4000K / 5000K	120-277V / 347-480V	21.8 x 12.3 x 2.8 in
EAL2-250	250W	34,500	4000K / 5000K	120-277V / 347-480V	28.7 x 12.3 x 2.8 in
EAL2-300	300W	41,000	4000K / 5000K	120-277V / 347-480V	28.7 x 12.3 x 2.8 in

Nominal Lumens are based on 4000K / 5000K

LRL SERIES

Specifications:

- Heavy-duty cast aluminum housing and removable door 3G vibration rated to ensure strength of construction and longevity in application.
- Housing is completely sealed against moisture and environmental contaminants.
- 3M, 4M, and 5M distributions
- Offered Standard in 3000K, 3500K, 4000K, and 5000K (+/- 275K) CCT and minimum 70 CRI.
- Lumen Packages from 6,350 to 20,000 Lumens replaces up to 400W Metal Halide.
- The 3M, 4M, and 5M optics are precisely designed to shape the distribution, maximizing efficiency and application spacing.
- 120-277VAC and 347-480VAC available
- 0-10V dimming driver
- Optional Photocell
- Estimated 100,000-hour LED rated life based on IES LM-80 results and TM-21 calculations

Accessories:

**Photocell**
Model: PC = 120-277V
        PC3 = 348V
        PC4 = 480V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
LRL-45	45W	6,350	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	19.2 x 8.5 x 2.8 in
LRL-70	70W	9,400	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	19.2 x 8.5 x 2.8 in
LRL-100	100W	13,600	3000K / 3500K / 4000K / 5000K	120-277V	19.2 x 8.5 x 2.8 in
LRL-110	110W	14,700	3000K / 3500K / 4000K / 5000K	347-480V	19.2 x 8.5 x 2.8 in
LRL-150	150W	20,000	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	21.8 x 12.3 x 2.8 in

Nominal Lumens are based on 4000K / 5000K

GLZ2
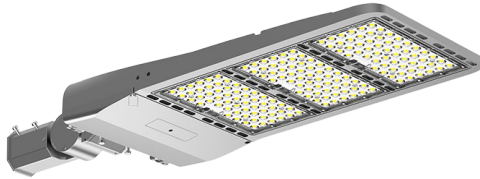

400W/500W
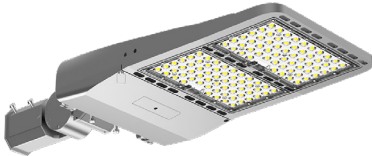
240W/300W

80W/100W/150W/185W

Specifications:

- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber. Housing is completely sealed against moisture and environmental contaminants.
- Available in IES Type II, III, IV, V, and 90°x120° distributions.
- Light engines are available in standard 3000K, 4000K and 5000K (80 CRI) configurations.
- Lumen Packages from 11,200 to 72,500 Lumens replaces up to 1000W Metal Halide.
- The variety of optics are precisely designed to shape the distribution, maximizing efficiency and application spacing.
- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 0-10V dimming driver(s)
- THD: ≤15%
- Power Factor: 0.95
- 20kVA Surge Protection Standard
- 0-10V, DMX.DALI Optional
- Optional Photocell
- Ambient operating temperature -40ºF to 113ºF
- Estimated 70,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Mounting options:
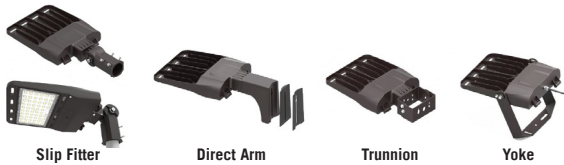
Slip Fitter   **Direct Arm**   **Trunnion**   **Yoke**

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
GLZ-80	80W	11,200	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	16 x 11.9 x 3.5 in
GLZ-100	100W	14,100	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	16 x 11.9 x 3.5 in
GLZ-150	150W	21,200	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	16 x 11.9 x 3.5 in
GLZ-185	185W	26,300	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	16 x 11.9 x 3.5 in
GLZ-240	240W	34,900	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	23.4 x 11.9 x 3.5 in
GLZ-300	300W	42,250	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	23.4 x 11.9 x 3.5 in
GLZ-400	400W	57,400	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	30.2 x 11.9 x 3.5 in
GLZ-500	500W	72,500	3000K / 3500K / 4000K / 5000K	120-277V / 347-480V	30.2 x 11.9 x 3.5 in

Nominal Lumens are based on 4000K / 5000K

Description

The EDD Series offer traditional Dusk to Dawn features with softened edges for a versatile look that complements many applications. High-performance, energy efficient solution for local and major roadways, the EDD series uses breakthrough LEDs and precision-engineered optics to provide exceptional illumination while also saving energy.

Specifications:

- Durable, die-cast aluminum housingsilver gray polyester powder-coat finish.
- EDD2 CCT: 3000K, 4000K & 5000K
- EDD3 CCT: 4000K & 5000K
- CRI: ≥ 70
- Mounting: Mounts directly to wall surface or to pole with mounting arm (accessory sold separately)
- EDD2 Replaces up to 175W MH
- EDD3 Replaces up to 250W MH
- Input Voltage: 120-277V
- Power Factor: ≥ 0.9
- Total Harmonic Distortion: ≤20%
- Operating Temperature: -40°F to 104°F
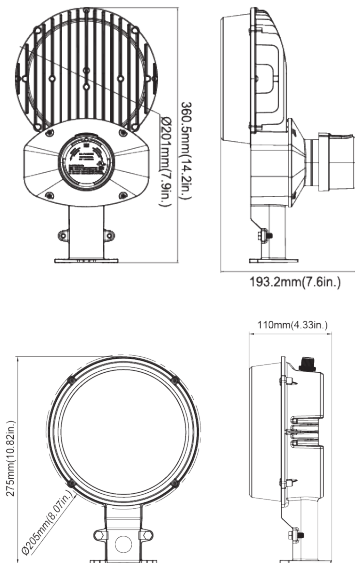- Rated life: Estimated >50,000 Hours

EDD3 (45W, 65W, 90W)

EDD2 (27W, 40W)

Dimensions

360.5mm(14.2in.)
Ø201mm(7.9in.)

193.2mm(7.6in.)

110mm(4.33in.)

275mm(10.82in.)

Ø205mm(8.07in.)

Accessories

Photocell
USE: Photocell is field installed or pre-installed in factory upon request.

Mounting arm kit (optional)
USE: for pole mounting

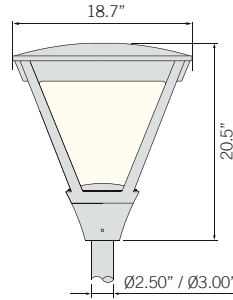| Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
EDD2-27	27W	3,850	3000K / 4000K / 5000K	120-277V	10.82 x 8.1 x 4.33 in
EDD2-40	40W	5,650	3000K / 4000K / 5000K	120-277V	10.82 x 8.1 x 4.33 in
EDD3-45	45W	5,800	4000K / 5000K	120-277V	14.2 x 7.9 x 7.6 in
EDD3-65	65W	8,400	4000K / 5000K	120-277V	14.2 x 7.9 x 7.6 in
EDD3-90	90W	11,500	4000K / 5000K	120-277V	14.2 x 7.9 x 7.6 in

02 POST TOP

SWZ

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass.
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
- Lumen Packages from 4,360 to 10,000 Lumens
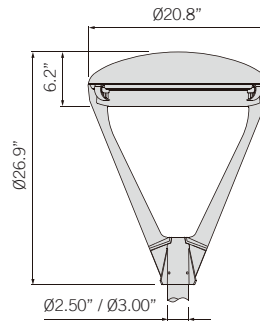- Offered Standard in 3000K, 4000K, and 5000K

18.7"

20.5"

Ø2.50" / Ø3.00"

50,000 Hours | 70 CRI | 5 YEAR LIMITED WARRANTY | ETL INTERTEK LISTED | IP66 Rated

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
SWZ-40	40W	4,360	3000K / 4000K / 5000K	120-277V	18.7 x 18.7 x 20.5 in
SWZ-60	60W	7,000	3000K / 4000K / 5000K	120-277V	18.7 x 18.7 x 20.5 in
SWZ-80	80W	10,000	3000K / 4000K / 5000K	120-277V	18.7 x 18.7 x 20.5 in

Nominal Lumens are based on 4000K / 5000K

SWX

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass.
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
- Lumen Packages from 5,000 to 9,820 Lumens
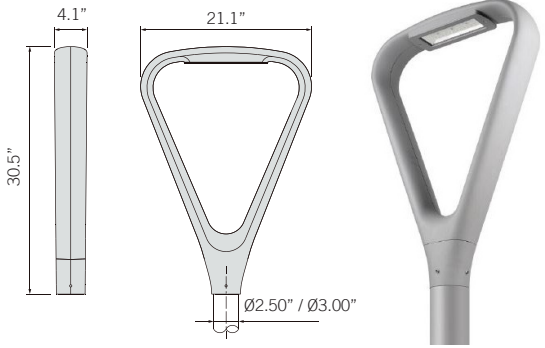- Offered Standard in 3000K, 4000K, and 5000K

Ø20.8"

6.2"

Ø26.9"

Ø2.50" / Ø3.00"

50,000 Hours | 70 CRI | 5 YEAR LIMITED WARRANTY | ETL INTERTEK LISTED | IP66 Rated

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
SWZ-40	40W	5,000	3000K / 4000K / 5000K	120-277V	20.8 x 20.8 x 26.9 in
SWZ-60	60W	7,000	3000K / 4000K / 5000K	120-277V	20.8 x 20.8 x 26.9 in
SWZ-80	80W	9,820	3000K / 4000K / 5000K	120-277V	20.8 x 20.8 x 26.9 in

Nominal Lumens are based on 4000K / 5000K

SWY

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass.
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
- Lumen Packages from 6,000 to 7,045 Lumens
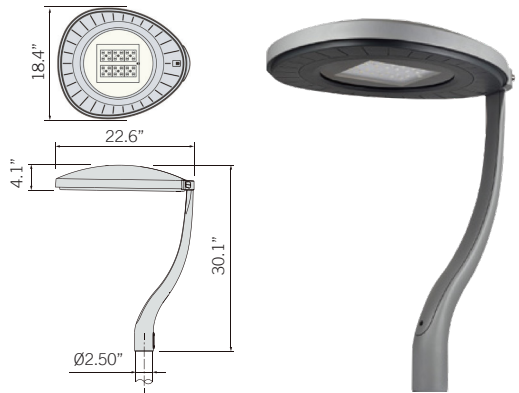- Offered Standard in 3000K, 4000K, and 5000K

4.1"
21.1"
30.5"
Ø2.50" / Ø3.00"

50,000 Hours · 70 CRI · 5 YEAR LIMITED WARRANTY · ETL INTERTEK LISTED · IP66 Rated

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
SWY-60	60W	6,000	3000K / 4000K / 5000K	120-277V	30.5 x 21.1 x 4.1 in
SWY-80	80W	7,045	3000K / 4000K / 5000K	120-277V	30.5 x 21.1 x 4.1 in

Nominal Lumens are based on 4000K / 5000K

SWW

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass.
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
- Lumen Packages from 4,330 to 8,060 Lumens
- Offered Standard in 3000K, 4000K, and 5000K

18.4"
22.6"
4.1"
30.1"
Ø2.50"

50,000 Hours · 70 CRI · 5 YEAR LIMITED WARRANTY · ETL INTERTEK LISTED · IP66 Rated

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
SWW-40	40W	4,330	3000K / 4000K / 5000K	120-277V	22.6 x 18.4 x 30.1 in
SWW-60	60W	6,400	3000K / 4000K / 5000K	120-277V	22.6 x 18.4 x 30.1 in
SWW-80	80W	8,060	3000K / 4000K / 5000K	120-277V	22.6 x 18.4 x 30.1 in

Nominal Lumens are based on 4000K / 5000K
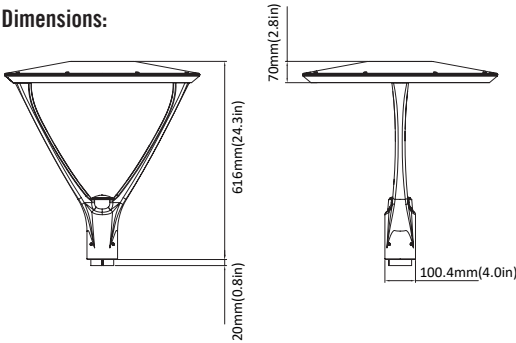
SWR POST TOP

- 45W/70W/87W/130W
- Support 120-277V/347-480VAC input
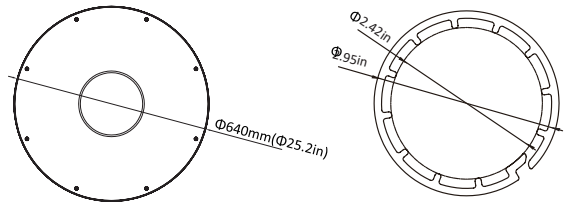- Lumen from 5,450lm to 15,800lm

Specifications:

- Show off urban style by the simple shape and the solid material.
- Efficacy higher than 120 lm/W with zero uplight while consumes 45W, 70W, 87W, 130W.
- Option for single and double arm mounting.
- Post top diameter limited to 2-3/8" or 3".
- Suitable for installation heights of 8-20 feet.
- 1-10V dimming and with >50,000 hrs rated life.
- Operating temperature is -40℃ to 45℃ (-40℉ to 113℉).
- UL Listed and DLC premium.

Dimensions:

70mm(2.8in)
616mm(24.3in)
20mm(0.8in)
100.4mm(4.0in)
Φ640mm(Φ25.2in)

Pole Sleeve:

Φ2.42in
Φ1.95in

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

UL CERTIFIED

DLC QPL PREMIUM
Pending

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
SWR-45	45W	5,450	3000K / 4000K / 5000K	120-277V	25.2 x 25.2 x 24.3 in
SWR-70	70W	8,500	3000K / 4000K / 5000K	120-277V	25.2 x 25.2 x 24.3 in
SWR-87	87W	10,600	3000K / 4000K / 5000K	120-277V	25.2 x 25.2 x 24.3 in
SWR-130	130W	15,800	3000K / 4000K / 5000K	120-277V / 347-480V	25.2 x 25.2 x 24.3 in

Nominal Lumens are based on 4000K / 5000K

PTV

Specifications:

- Constructed of one-piece aluminum, to withstand rust and corrosion.
- Aluminum heat sink dissipates heat and ensures thermal management required by LEDs and extends the luminaires life.
- Available finishes, Black, and White.
- Lumen Packages from 6,100 to 17,218 Lumens.
- Offered Standard in 3000K, 4000K, and 5000K.

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
PTV-50	50W	6,100	3000K / 4000K / 5000K	120-277V	17.71 x 17.71 x 30.32 in
PTV-75	75W	8,429	3000K / 4000K / 5000K	120-277V	17.71 x 17.71 x 30.32 in
PTV-100	100W	11,263	3000K / 4000K / 5000K	120-277V	17.71 x 17.71 x 30.32 in
PTV-170	170W	17,218	3000K / 4000K / 5000K	120-277V	17.71 x 17.71 x 30.32 in

Nominal Lumens are based on 4000K / 5000K*

PTW

Specifications:

- Constructed of one-piece aluminum, to withstand rust and corrosion.
- Aluminum heat sink dissipates heat and ensures thermal management required by LEDs and extends the luminaires life.
- Available finishes, Black, and White.
- Lumen Packages from 3,740 to 12,460 Lumens.
- Offered Standard in 3000K, 4000K, and 5000K.

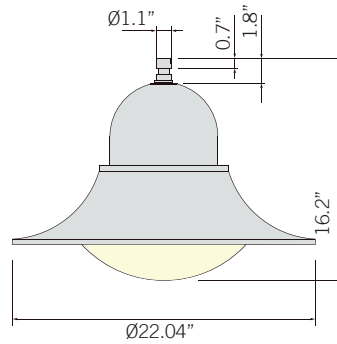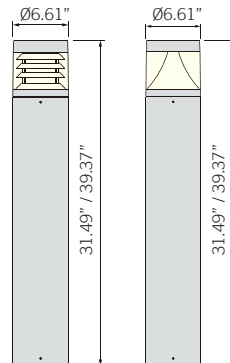| Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
PTW-30	30W	3,740	3000K / 4000K / 5000K	120-277V	15.1 x 15.1 x 25.72 in
PTW-50	50W	5,990	3000K / 4000K / 5000K	120-277V	15.1 x 15.1 x 25.72 in
PTW-70	70W	9,510	3000K / 4000K / 5000K	120-277V	15.1 x 15.1 x 25.72 in
PTW-100	100W	12,460	3000K / 4000K / 5000K	120-277V	15.1 x 15.1 x 25.72 in

Nominal Lumens are based on 4000K / 5000K

SWT
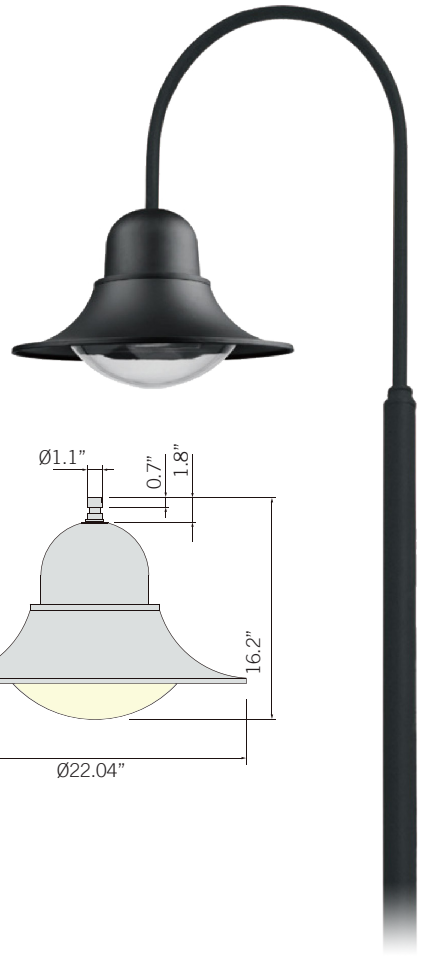
Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass.
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver (Custom colors available)
- Lumen Packages from 1,780 to 9,000 Lumens
- Offered Standard in 3000K, 4000K, and 5000K

Ø1.1" 0.7" 1.8"

16.2"

Ø22.04"

Custom colors available:

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
SWT-20	20W	1,780	3000K / 4000K / 5000K	120-277V	22 x 22 x 16.2 in
SWT-30	30W	3,450	3000K / 4000K / 5000K	120-277V	22 x 22 x 16.2 in
SWT-40	40W	4,760	3000K / 4000K / 5000K	120-277V	22 x 22 x 16.2 in
SWT-60	60W	6,900	3000K / 4000K / 5000K	120-277V	22 x 22 x 16.2 in
SWT-80	80W	9,000	3000K / 4000K / 5000K	120-277V	22 x 22 x 16.2 in

Nominal Lumens are based on 4000K / 5000K
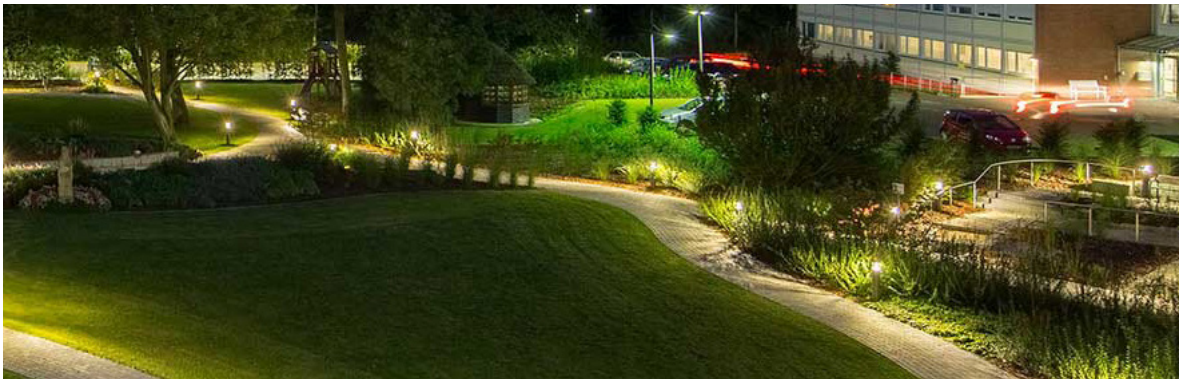
03 BOLLARDS

MWW

MWX

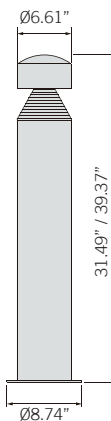## Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
- Lumen Packages from 1,650 to 1,850 Lumens
- Offered Standard in 3000K, 4000K, and 5000K

Ø6.61"   Ø6.61"

31.49" / 39.37"   31.49" / 39.37"

IK 08   RoHS COMPLIANT   50,000 Hours   70 CRI   LIMITED WARRANTY 3 YEAR   ETL INTERTEK LISTED   IP65 Rated

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWW	25W	1,650	3000K / 4000K / 5000K	120-277V	6.61 x 31.49 / 39.37 in
MWX	25W	1,850	3000K / 4000K / 5000K	120-277V	6.61 x 31.49 / 39.37 in

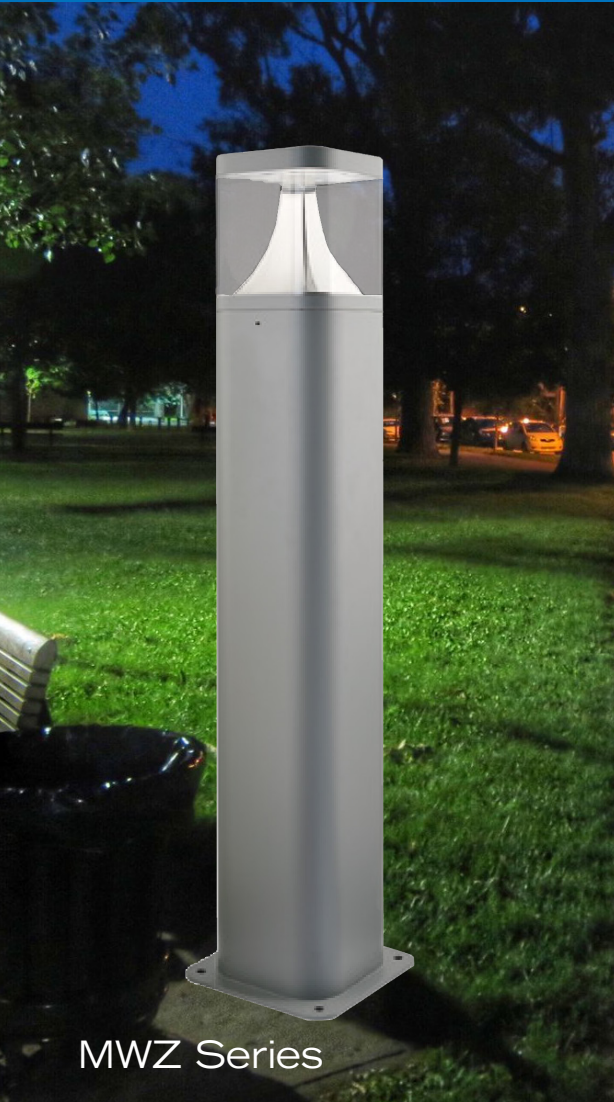Nominal Lumens are based on 4000K / 5000K

MWY

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
- Lumen Packages from 1,700 Lumens
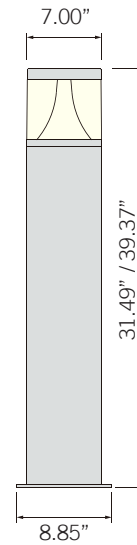- Offered Standard in 3000K, 4000K, and 5000K

Ø6.61"

31.49" / 39.37"

Ø8.74"

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWY	25W	1,700	3000K / 4000K / 5000K	120-277V	6.61 x 6.61 x 31.49 / 39.37 in

Nominal Lumens are based on 4000K / 5000K

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens, tempered glass
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, and Silver
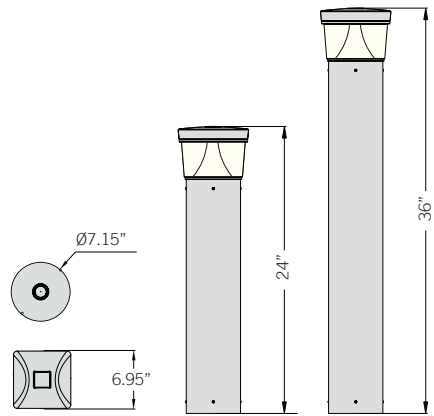- 1,850 Lumens
- Offered Standard in 3000K, 4000K, and 5000K

7.00"

31.49" / 39.37"

8.85"

MWZ Series

IK 08

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 3 YEAR

IP65 Rated

INTERTEK ETL LISTED

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWZ	25W	1,850	3000K / 4000K / 5000K	120-277V	6.61 x 31.49 / 39.37 in

Nominal Lumens are based on 4000K / 5000K

MWR

MWS

CCT
SELECTABLE
POWER

Specifications:

- Die cast aluminum housing.
- Anodized Polypropylene plastic reflector and optics distribution lens
- Surface anti-aging electrostatic corrosion resistant, spray process.
- Available finishes, Black, White, Bronze and Silver
- Lumen Packages from 1,800 to 2,700 Lumens
- Offered Standard in 3000K, 4000K, and 5000K
- Type 3M and 5M optics available.

Ø7.15"

6.95"

24"

36"

IK10   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP65 Rated   INTERTEK ETL LISTED

Model No.	Selectable CCT	Selectable Wattage		Voltage	Height options
		20W	30W		
MWR	3000K	2,295lm	2,720lm		
MWS	4000K	2,700lm	3,230lm	120-277V	18 / 24 / 36 / 42 in
	5000K	2,430lm	2,890lm		

Nominal Lumens are based on 4000K / 5000K

04   WALL PACKS

MWPK2-17W

Specifications:

- Die cast aluminum housing.
- UV coated Polycarbonate lens provide outstanding performance, uniformity and glare control. Clear or Frosted lens available.
- Lumen Packages from 1,750 to 2,700 Lumens.
- Efficacy 107 - 121lm/W
- Corrosion resistant polyester powder painted.
- Light engines are available in 3000K/4000K and 5000K (70 CRI) configurations.
- Standard colors: Black, Bronze and White.
- Each LED module are 100% tested prior to assembly which is IP65 rated.
- IK08 Rated.
- Wall mount.
- 120-277VAC 50/60Hz.
- Photocell optional.

Accessories:

Photocell
Model: PC = 120-277V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWPK2-15	15W	(CLR Lens)1,750 / (FRST Lens)1,820	3000K / 4000K / 5000K	120-277V	8.37 x 5.47 x 3.46 in
MWPK2-17	17W	(CLR Lens)1,950 / (FRST Lens)2,020	3000K / 4000K / 5000K	120-277V	8.37 x 5.47 x 3.46 in
MWPK2-25	25W	(CLR Lens)2,600 / (FRST Lens)2,700	3000K / 4000K / 5000K	120-277V	8.37 x 5.47 x 3.46 in

Nominal Lumens are based on 4000K / 5000K

MWPK2-25W & 30W

Specifications:

- Die cast aluminum housing.
- UV coated Polycarbonate lens provide outstanding performance, uniformity and glare control. Clear or Frosted lens available.
- Lumen Packages from 3,200 to 4,050 Lumens.
- Efficacy 107 - 121lm/W
- Corrosion resistant polyester powder painted.
- Light engines are available in 3000K/4000K and 5000K (70 CRI) configurations.
- Standard colors: Black, Bronze and White.
- Each LED module are 100% tested prior to assembly which is IP65 rated.
- IK08 Rated.
- Wall mount.
- 120-277VAC 50/60Hz.
- Photocell optional.

Accessories:
Photocell
Model: PC = 120-277V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWPK2-25	25W	3,200	3000K / 4000K / 5000K	120-277V	8.26 x 8.86 x 7.24 in
MWPK2-30	30W	4,050	3000K / 4000K / 5000K	120-277V	8.26 x 8.86 x 7.24 in

Nominal Lumens are based on 4000K / 5000K

MWPK2-45W-70W

MWPK2-90W-135W

Specifications:

- Die cast aluminum housing.
- UV coated Polycarbonate lens provide outstanding performance, uniformity and glare control. Clear or Frosted lens available.
- Lumen Packages from 5,300 to 16,400 Lumens.
- Efficacy 118 - 124lm/W
- Replaces 100W and 400W Metal Halide.
- Corrosion resistant polyester powder painted.
- Light engines are available in 4000K and 5000K (70 CRI) configurations.
- Standard colors: Bronze and White.
- Each LED module are 100% tested prior to assembly which is IP65 rated.
- IK08 Rated.
- Wall mount.
- 120-277VAC 50/60Hz.
- Photocell optional.

Accessories:

Photocell
Model: PC = 120-277V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWPK2-45	45W	5,300	4000K / 5000K	120-277V	7.40 x 14.21 x 9.25 in
MWPK2-70	70W	8,100	4000K / 5000K	120-277V	7.40 x 14.21 x 9.25 in
MWPK2-90	90W	11,200	4000K / 5000K	120-277V	8.75 x 18 x 9.75 in
MWPK2-135	135W	16,400	4000K / 5000K	120-277V	8.75 x 18 x 9.75 in

Nominal Lumens are based on 4000K / 5000K

MWPK3

70W / 100W

27W / 45W / 62W

CCT SELECTABLE POWER

Specifications:

- Die cast aluminum housing.
- UV coated Polycarbonate lens provide outstanding performance, uniformity and glare control. PC or Glass lens available.
- Replaces 100W and 400W Metal Halide.
- Wattage Selectable.
- CCT Selectable, can be changed to 3000K/4000K/5000K.
- Lumen Packages from 1,430 to 12,470 Lumens.
- Efficacy 118 - 131lm/W
- Standard colors: Bronze and White.
- Each LED module are 100% tested prior to assembly which is IP65 rated.
- IK10 Rated.
- 120-277VAC 50/60Hz.
- Photocell optional.
- 8W Emergency Battey Back-up (option)

Power and CCT controller

The wattage and CCT can be changed by switch selection on the controller, it easy and very fast to meet the varied requirements

Accessories:

Photocell
Model: PC = 120-277V

Emergency(Option)

8W Emergency battery, 900lm, 90min. Only suitable for **27W,45W,65W,70W**

RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP65 Rated | UL CERTIFIED | DLC

Model No.	MWPK3-27W	MWPK3-45W	MWPK3-65W
Selectable Wattage	10W / 15W / 20W / 27W	18W / 26W / 34W / 45W	27W / 40W / 52W / 65W
Lumens	1,430 / 2,160 / 2,800 / 3,470	2,515 / 3,530 / 4,340 / 5,500	3,675 / 5,255 / 6,640 / 7,815
Selectable CCT	3000K ▶▶ 4000K ▶▶ 5000K		
Dimensions	11.95 x 7.68 x 7.1 in		

| Model No.	MWPK3-70W	MWPK3-100W
Selectable Wattage	28W / 42W / 54W / 70W	41W / 62W / 80W / 100W
Lumens	4,260 / 6,020 / 7,435 / 9,250	6,090 / 8,580 / 10,160 / 12,470
Selectable CCT	3000K ▶▶ 4000K ▶▶ 5000K	
Dimensions	14.2 x 9.25 x 7.73 in	

MWPK2-27W, 40W, 67W, 80W

Specifications:

- Die cast aluminum housing.
- Polycarbonate optics provide outstanding performance, uniformity and glare control.
- Lumen Packages from 3,600 to 10,500 Lumens.
- Efficacy 125 - 131lm/W
- Corrosion resistant polyester powder painted.
- Light engines are available in 3000K/4000K and 5000K (70 CRI) configurations.
- Standard colors: Black, Bronze and White.
- Each LED module are 100% tested prior to assembly which is IP65 rated.
- IK08 Rated.
- Wall mount.
- 120-277VAC 50/60Hz.
- Photocell optional.
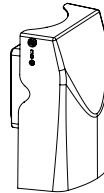
Adjustable capability
0º to 90º tilt
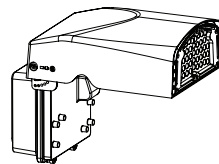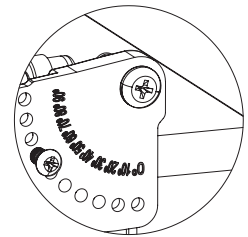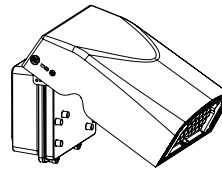
Accessories:
Photocell
Model: PC = 120-277V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
MWPK2-27	27W	3,600	3000K / 4000K / 5000K	120-277V	7.29 x 9.13 x 4.19 in
MWPK2-40	40W	5,200	3000K / 4000K / 5000K	120-277V / 347-480V	7.29 x 9.13 x 4.19 in
MWPK2-67	67W	8,800	3000K / 4000K / 5000K	120-277V / 347-480V	10.06 x 11.02 x 5.09 in
MWPK2-80	80W	10,500	3000K / 4000K / 5000K	120-277V	10.06 x 11.02 x 5.09 in

Nominal Lumens are based on 4000K / 5000K

EFC2

Specifications:

- Sealed die-casting profile for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.
- Light engines are available in standard 3000K, 4000K and 5000K (70 CRI) configurations.
- Scalable Lumen Packages from 3,700 to 18,000 Lumens.
- Tempered UV coated flat lens provide outstanding performance, uniformity and glare control.
- Universal 120-277 or 347-480 VAC input voltage.
- Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 45°C ambient environments.
- Estimated 50,000-hour LED rated life based on IES LM-80 results and TM-21 calculations.
- IDA Certification requires 30K CCT or lower and for fixture to be fixed mount at 90°

ACCESSORIES

Photocell
No. PC-JL-120-277V
USE: Photocell is field installed or pre-installed in factory by requesting

PIR Sensor, 120-277V
USE: Sensor can be pre-installed in factory or field installed

Emergency Battery Backup
USE: Sensor can be pre-installed in factory or field installed
Only suitable for 27W,45W,70W,90W *

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS	FINISH
EFC2-27	27W	3,750	3000K / 4000K / 5000K	120-277V	15.9 x 12.9 x 2.76 in	15.9 x 12.9 x 2.76 in
EFC2-45	45W	6,100	3000K / 4000K / 5000K	120-277V	18.3 x 12.9 x 2.76 in	18.3 x 12.9 x 2.76 in
EFC2-70	70W	9,450	3000K / 4000K / 5000K	120-277V	20.7 x 12.9 x 2.76 in	20.7 x 12.9 x 2.76 in
EFC2-90	90W	12,300	3000K / 4000K / 5000K	120-277V	23.03 x 12.9 x 2.76 in	23.03 x 12.9 x 2.76 in
EFC2-135	135W	18,000	3000K / 4000K / 5000K	120-277V	25.4 x 12.9 x 2.76 in	25.4 x 12.9 x 2.76 in

Nominal Lumens are based on 4000K / 5000K

05   FLOOD / LANDSCAPE

EMF SERIES

Knuckle Mount   Trunnion Mount

Specifications:

- Rugged die-cast aluminum, corrosion-resistant housing.
- Polycarbonate lens provide outstanding performance, uniformity and glare control.
- Lumen Packages from 1,500 to 5,400 Lumens.
- 120-277VAC 50/60Hz.
- IP65 Rated.
- Light engines are available in 3000K / 4000K and 5000K (70 CRI) configurations.

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
EMF-15	15W	1,500	3000K / 4000K / 5000K	120-277V	4.72 x 2.95 x 1.45 in
EMF-30	30W	3,000	3000K / 4000K / 5000K	120-277V	7.08 x 4.42 x 1.75 in
EMF-45	45W	5,400	3000K / 4000K / 5000K	120-277V	8.26 x 5.16 x 2.45 in

Stake sold separately

Specifications:

- Rugged die-cast aluminum, corrosion-resistant housing.
- Polycarbonate lens provide outstanding performance, uniformity and glare control.
- Lumen Packages from 700 to 1,700 Lumens.
- 12-24V AC/DC *(Requires 12-24V transformer)*.
- IP65 Rated.
- Light engines are available in 3000K / 4000K and 5000K (70 CRI) configurations.

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
EMF-7	7W	700	4000K	12-24V	4.72 x 2.95 x 1.45 in
EMF-12	12W	1,100	3000K / 4000K / 5000K	12-24V	4.72 x 2.95 x 1.45 in

LLU SERIES

Stake sold separately

Specifications:

- Diecast aluminum profile for outdoor applications.
- Sealed aluminum casting thermally conducts LED heat to optimize performance and long life.
- Lumen Packages from 480 to 600 Lumens.
- Replaces 50W MR16 (Halogen)
- 12-24V AC/DC *(Requires 12-24V transformer).*
- Optics: 25º, 40º, and 60º

RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP66 Rated | UL CERTIFIED

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
LLU-6	6W	480	3000K / 4000K / 5000K	12-24V	6.54 x 2.13 x 2.13 in
LLU-10	10W	600	3000K / 4000K / 5000K	12-24V	6.54 x 2.13 x 2.13 in

VFLE SERIES

Specifications:

- Diecast aluminum profile for outdoor applications.
- Sealed aluminum casting thermally conducts LED heat to optimize performance and long life.
- Lumen Packages from 480 to 600 Lumens.
- 120-277V AC
- Optics: 20º and 44º

RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP65 Rated | UL CERTIFIED

Model No.	WATTAGE	LUMENS	COLOR TEMP.	BEAM	VOLTAGE	DIMENSIONS
VFLE	20W	2,480 (44º)	3000K / 4000K / 5000K	20º / 44º	120-277V	6.54 x 2.13 x 2.13 in
VFLE	30W	3,340 (44º)	3000K / 4000K / 5000K	20º / 44º	120-277V	6.54 x 2.13 x 2.13 in

FLM2-15W, 27W

FLM2-45W, 60W

The FLM2 Series is a high performance LED floodlight solution designed with optical versatility and a slim, low profile design. Its rugged cast aluminum housing makes it resistant to corrosion and features an integral, water tight LED driver compartment and high-performance aluminum heat sinks.

Specifications:

• Housing, electrical compartment and fitter are all made from die cast aluminum that is pre-treated and powder-coated to meet the most rugged industry standards.
• Polycarbonate optics provide outstanding performance, uniformity and glare control.
• Optics (NEMA Type): 7H*6V
• Lumen Packages from 2,000 to 7,450 Lumens.
• Efficacy 124 - 133lm/W
• Light engines are available in 3000K/4000K and 5000K (70 CRI) configurations.
• Standard colors: Black, Bronze and White.
• Each LED module are 100% tested prior to assembly which is IP66 rated.
• IK08 Rated.
• Knuckle mount and Trunnion mount options available.
• 120-277VAC 50/60Hz (60W only 347-480V).
• Photocell optional (120-277V only).

1/2" Swivel Mount

Trunnion Mount

Accessories:

Photocell
Model: PC = 120-277V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
FLM2-15	15W	2,000	3000K / 4000K / 5000K	120-277V	(SB) 5.90 x 6.56 x 2.55 / (TR) 5.90 x 5.57 x 2.55 in
FLM2-27	27W	3,600	3000K / 4000K / 5000K	120-277V	(SB) 5.90 x 6.56 x 2.55 / (TR) 5.90 x 5.57 x 2.55 in
FLM2-45	45W	5,650	3000K / 4000K / 5000K	120-277V	(SB) 7.95 x 7.5 x 3.12 / (TR) 8.47 x 6.56 x 3.12 in
FLM2-60	60W	7,450	3000K / 4000K / 5000K	120-277V / 347-480V	(SB) 7.95 x 7.5 x 3.12 / (TR) 8.47 x 6.56 x 3.12 in

Nominal Lumens are based on 4000K / 5000K

FLM2-70W, 100W

FLM2-135W, 200W

Specifications:

- Housing, electrical compartment and fitter are all made from die cast aluminum that is pre-treated and powder-coated to meet the most rugged industry standards.
- Polycarbonate optics provide outstanding performance, uniformity and glare control.
- Optics (NEMA Type): 7H*6V or 4H*4V (4H*4V only suitable for 135W, 200W, 250W,350W).
- Lumen Packages from 8,900 to 26,000 Lumens.
- Efficacy 124 - 138lm/W
- Light engines are available in 3000K/4000K and 5000K (70 CRI) configurations.
- Standard colors: Black, Bronze and White.
- Each LED module are 100% tested prior to assembly which is IP66 rated.
- IK08 Rated.
- Slipfitter mount and Yoke mount options available.
- 120-277V / 347-480V / 50/60Hz.
- Photocell optional.

Slipfitter Mount   Yoke Mount

Accessories:
Photocell
Model: PC = 120-277V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
FLM2-70	70W	8,900	3000K / 4000K / 5000K	120-277V / 347-480V	(SF) 11.06 x 14.2 x 4.9 / (YK) 11.06 x 10.9 x 4.9 in
FLM2-90	90W	12,400	3000K / 4000K / 5000K	347-480V	(SF) 11.06 x 6.08 x 4.9 / (YK) 11.06 x 10.9 x 4.9 in
FLM2-100	100W	13,300	3000K / 4000K / 5000K	120-277V	(SF) 11.06 x 6.08 x 4.9 / (YK) 11.06 x 10.9 x 4.9 in
FLM2-135	135W	17,800	3000K / 4000K / 5000K	120-277V / 347-480V	(SF) 14.5 x 16.7 x 4.37 / (YK) 14.5 x 12.56 x 4.37 in
FLM2-200	200W	26,000	3000K / 4000K / 5000K	120-277V / 347-480V	(SF) 14.5 x 16.7 x 4.37 / (YK) 14.5 x 12.56 x 4.37 in

Nominal Lumens are based on 4000K / 5000K
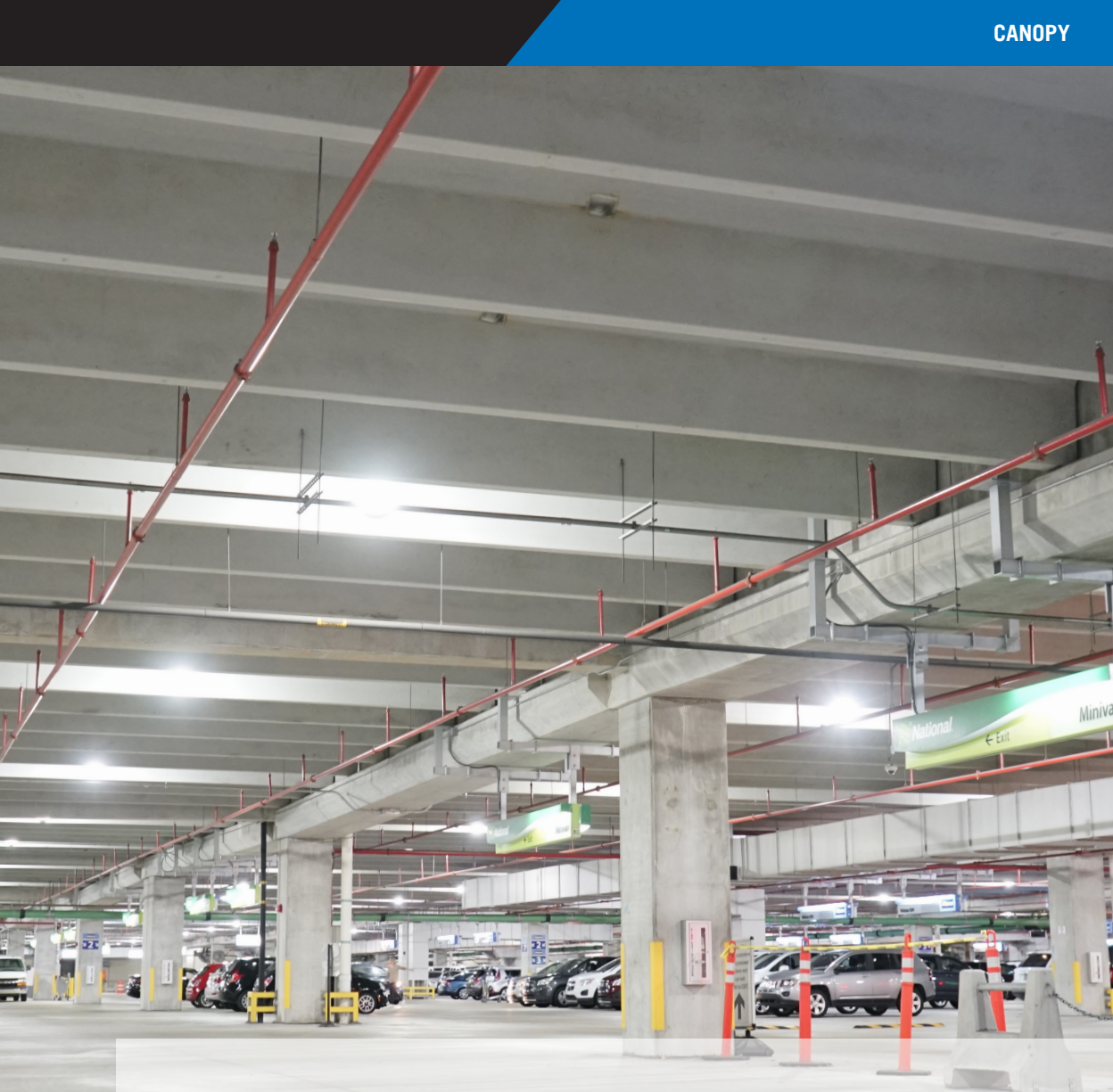
06   CANOPY FIXTURES

LZR

Specifications:

- Housing, electrical compartment and fitter are all made from die cast aluminum that is pre-treated and powder-coated to meet the most rugged industry standards.
- Polycarbonate lens provide outstanding performance, uniformity and glare control.
- Lumen Packages from 4,690 to 7,110 Lumens.
- Available in 40W and 60W
- 120-277VAC 50/60Hz.
- 5M Type optics
- IP65 Rated.
- Light engines are available in 3000K/4000K and 5000K (70 CRI) configurations.

Visual

Designed specifically to meet the illumination performance requirements of parking structures while dramatically reducing glare. The result is a visually more comfortable environment that enhances the safety of vehicle and pedestrian traffic.

Savings

Delivering increased value not only through an affordable initial cost but also during the life of the luminaire with extremely low energy consumption and low operating expenses.

Installation

Designed with simplified mounting solutions for seamless installation in virtually any parking deck, the LZR Series provides the choice of five mounting options — J-box, direct, pendant, trunnion and hook and cord mounts.

Optional Doppler:

This sensor solution is packed with multiple functionalities including occupancy/vacancy sensing, daylight harvesting, bi-level StepDIM or continuous SmartDIM, and wireless network communication for top-notch intelligent lighting control.

Pendant Kit
(Supplied by customer)
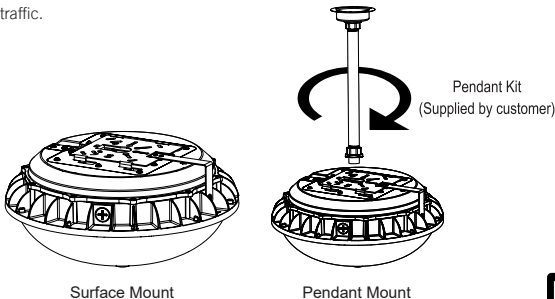
Surface Mount

Pendant Mount

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
LZR-40	40W	4,690	4000K / 5000K	120-277V	14.08 x 14.08 x 6.4 / 7.31 in
LZR-60	60W	7,110	4000K / 5000K	120-277V	14.08 x 14.08 x 6.4 / 7.31 in

Nominal Lumens are based on 4000K / 5000K

ECPR2

Specifications:

- Sealed die-casting profile for indoor and outdoor applications.
- Voltage is 120-277V.
- Lumen output from 3,600-7,100lm with efficacy up to 127lm/W.
- Optional Parking Garage Photometry or Low Bay Photometry asper applications.
- Replacing 100W MH and 175W MH.
- Operating temperature is -40ºF to 113ºF
- UL and DLC premium listed.
- Emergency Back-up battery option available.
- **Increase energy saving with bi-level Motion sensor.**
- **0-10V Dimming optional.**

Model No.	WATTAGE	PARKING GARAGE LENS LUMENS	LOW BAY LENS LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
ECPR2-30	30W	3,600	3,800	4000K / 5000K	120-277V	12 x 12 x 3.32 / 4.21in (w/ sensor)
ECPR2-45	45W	5,000	5,500	4000K / 5000K	120-277V	12 x 12 x 3.32 / 4.21in (w/ sensor)
ECPR2-60	60W	7,100	7,600	4000K / 5000K	120-277V	12 x 12 x 3.32 / 4.21in (w/ sensor)

Nominal Lumens are based on 4000K / 5000K

ECPY2

Specifications:

- Die cast aluminum housing.
- UV coated Polycarbonate lens provide outstanding performance, uniformity and glare control.
- Lumen output from 3,750 - 8,000lm with efficacy up to 141lm/W.
- Replacing 100W MH and 250W MH.
- Operating temperature is -40ºF to 104ºF
- UL and DLC premium qualified
- 27W (120-277V)
- 40W & 60W (120-277V / 347-480V)

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
ECPY2-27	27W	3,750	4000K / 5000K	120-277V	4.72 x 2.95 x 1.45 in
ECPY2-40	40W	5,450	4000K / 5000K	120-277V / 347-480V	4.72 x 2.95 x 1.45 in
ECPY2-60	60W	8,000	4000K / 5000K	120-277V / 347-480V	7.08 x 4.42 x 1.75 in

Nominal Lumens are based on 4000K / 5000K

07 VAPOR TIGHTS

VPZ Series 2FT Vapor Tight

Specifications:

- Die-cast aluminum housing designed with large heat fins for dissipation vents.
- Lens is UV-stabilized and impact resistant
- Available in 45W, 70W and 95W options.
- Light engines are available in 4000K and 5000K.
- Lumen output from 5,600 - 13,000lm and efficacy up to 137lm/W.
- 80 CRI's
- 120-277VAC / 50/60Hz.
- Operating temperature is -40ºF to 113ºF
- Emergency Back-up battery option available.
- 0-10V dimming
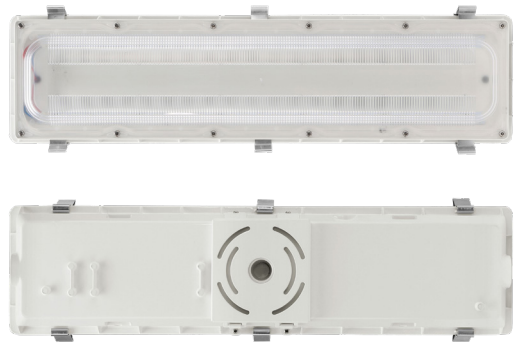
Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
VPZ-45	45W	5,600	4000K / 5000K	120-277V	23.6 x 6.8 x 3.7 in
VPZ-70	70W	9,400	4000K / 5000K	120-277V	23.6 x 6.8 x 3.7 in
VPZ-95	95W	13,000	4000K / 5000K	120-277V	23.6 x 6.8 x 3.7 in

Nominal Lumens are based on 4000K / 5000K
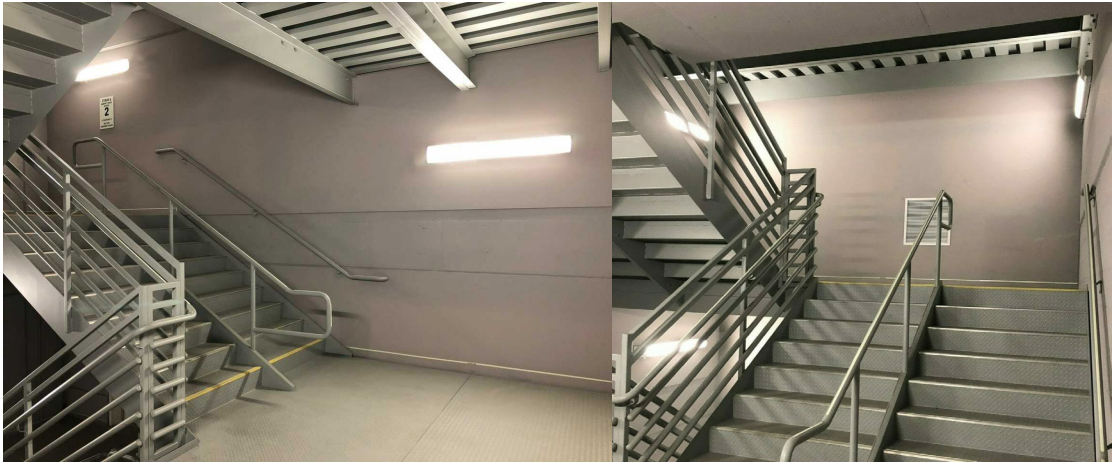
VPS

Power Feed   Linkable Cable

Specifications:

- Polypropylene plastic housing
- Lens is UV-stabilized and impact resistant
- Available in 30W, 40W and 60W options.
- Light engines are available in 4000K and 5000K configurations.
- Lumen output from 3,900 - 7,800lm with efficacy up to 130lm/W.
- 80 CRI's
- 120-277VAC / 50/60Hz.
- Operating temperature is -4ºF to 104ºF
- Emergency Back-up battery option available.
- Non-dimmable

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
VPS2-30	30W	3,900	4000K / 5000K	120-277V	23.6 x 3.5 x 2.4 in
VPS4-40	40W	5,200	4000K / 5000K	120-277V	47.2 x 3.5 x 2.4 in
VPS4-60	60W	7,800	4000K / 5000K	120-277V	47.2 x 3.5 x 2.4 in

Nominal Lumens are based on 4000K / 5000K

VPR

Specifications:

- Polypropylene plastic housing
- Lens is UV-stabilized and impact resistant
- Available in 24W, 40W and 65W options.
- Light engines are available in 3500K/4000K and 5000K configurations.
- Lumen output from 3,120 - 8,700lm with efficacy up to 130lm/W.
- 80 CRI's
- 120-277VAC / 50/60Hz.
- Operating temperature is -4ºF to 104ºF
- Emergency Back-up battery option available.
- **Increase energy saving with optional High Frequency Doppler / Motion sensor.**
- 0-10v dimming, 10%-100%

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
VPR-24	24W	3,120	3500K / 4000K / 5000K	120-277V	25.6 x 4.8 x 4.2 in
VPR-40	40W	5,200	3500K / 4000K / 5000K	120-277V	47 x 4.8 x 4.2 in
VPR-65	65W	8,700	3500K / 4000K / 5000K	120-277V	61.6 x 4.8 x 4.2 in

Nominal Lumens are based on 4000K / 5000K

LHB

Specifications:

- Polypropylene plastic housing
- Lens is UV-stabilized and impact resistant
- Available in 100W, 120W and 130W options.
- Light engines are available in 4000K and 5000K configurations.
- Lumen output from 12,113 - 14,950lm with efficacy up to 122lm/W.
- 80 CRI's
- 120-277VAC / 50/60Hz.
- Operating temperature is -4ºF to 104ºF
- Emergency Back-up battery option available.
- **Increase energy saving with optional High Frequency Doppler / Motion sensor.**
- 0-10v dimming, 10%-100%

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
LHB-100	100W	12,113	4000K / 5000K	120-277V	49.8 x 9.4 x 4.3 in
LHB-120	120W	13,080	4000K / 5000K	120-277V	49.8 x 9.4 x 4.3 in
LHB-130	130W	14,950	4000K / 5000K	120-277V	49.8 x 9.4 x 4.3 in

Nominal Lumens are based on 4000K / 5000K
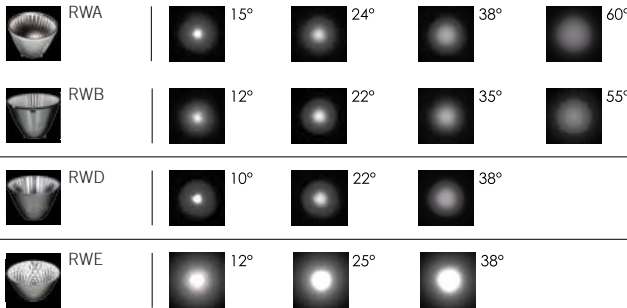
08 WALL MOUNT

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
- Finish: Black / White / Graphite / Silver / Bronze

RWA   RWB   RWD   RWE
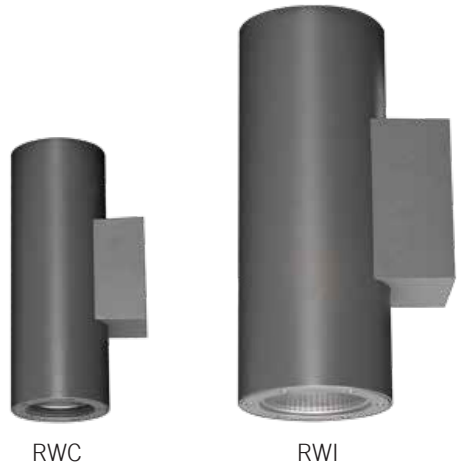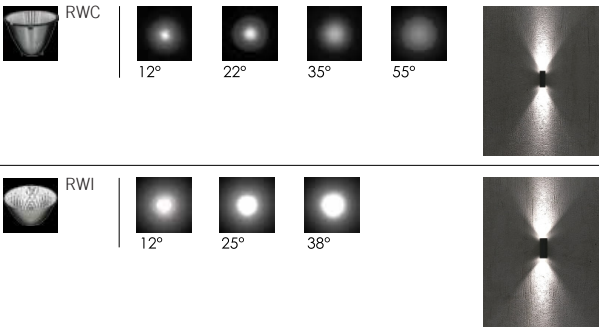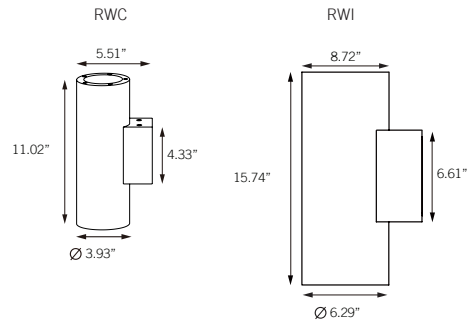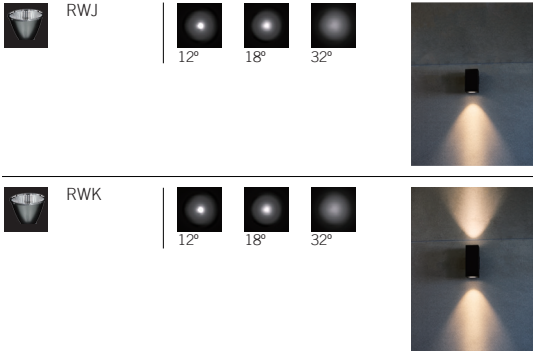
DIMENSIONS

RWA

4.40"
3.62"
5.75"
Ø 3.14"

RWB

5.51"
4.33"
7.69"
Ø 3.93"

RWD

7.20"
5.70"
9.60"
Ø 5.11"

RWE

8.72"
6.61"
11.18"
Ø 6.29"

OPTICS

RWA		15°		24°		38°	60°
RWB		12°		22°		35°	55°
RWD		10°		22°		38°	
RWE		12°		25°		38°	

IK 10

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

INTERTEK ETL LISTED
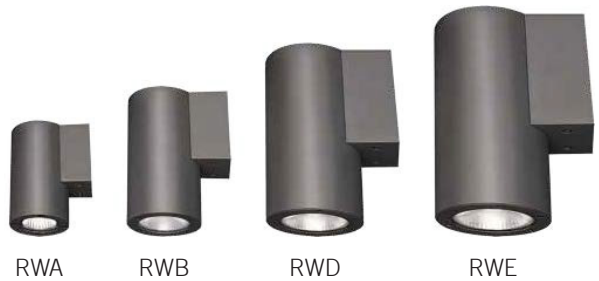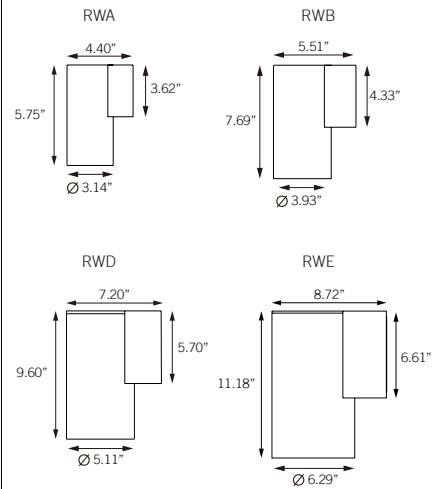
Example: RWA-11L30K-D24-Z-BK

Series	Lumens (CCT)			Finish
RWA 13 Watts	**11L30K** 11L (3000K) 1,170 Lumens	**12L40K** 12L (4000K) 1,250 Lumens	**13L50K** 13L (5000K) 1,335Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWB 20 Watts	**14L30K** 14L (3000K) 1,432 Lumens	**15L40K** 15L (4000K) 1,550 Lumens	**16L50K** 16L (5000K) 1,684 Lumens	
RWD 30 Watts	**24L30K** 24L (3000K) 2,412 Lumens	**25L40K** 25L (4000K) 2,500 Lumens	**26L50K** 26L (5000K) 2,615 Lumens	
RWE 45 Watts	**38L30K** 38L (3000K) 3,808 Lumens	**39L40K** 39L (4000K) 3,950 Lumens	**40L50K** 40L (5000K) 4,112 Lumens	

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
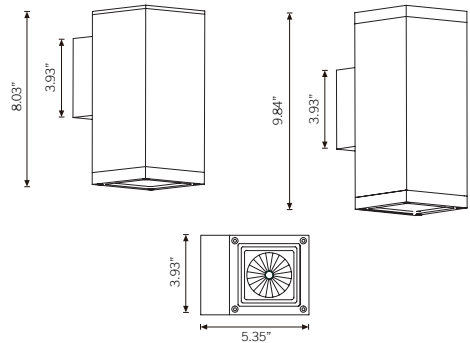- Finish: Black / White / Graphite / Silver / Bronze

RWC

RWI

OPTICS

RWC

12° 22° 35° 55°

RWI

12° 25° 38°

DIMENSIONS

RWC

5.51"

11.02"

4.33"

Ø 3.93"

RWI

8.72"

15.74"

6.61"

Ø 6.29"

Example: RWI-31L30K-D25-U25-Z-BK

IK 10

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

INTERTEK ETL LISTED

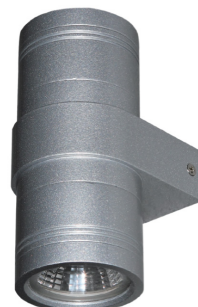| Series	Lumens (CCT)			Finish
RWC 24 Watts	**8L30K** 8L (3000K) 850x2 Lumens	**9L40K** 9L (4000K) 920x2 Lumens	**10L50K** 10L (5000K) 1,005x2 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWI 60 Watts	**31L30K** 31L (3000K) 3,177x2 Lumens	**32L40K** 32L (4000K) 3,210x2 Lumens	**34L50K** 34L (5000K) 3,400x2 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
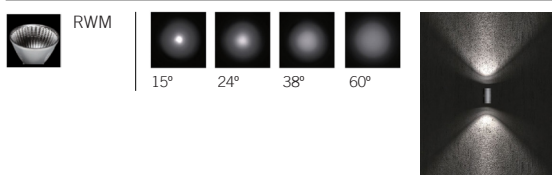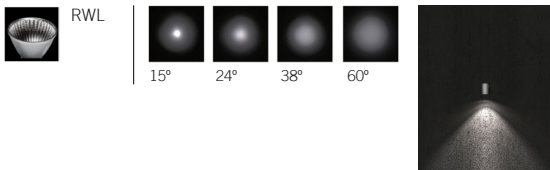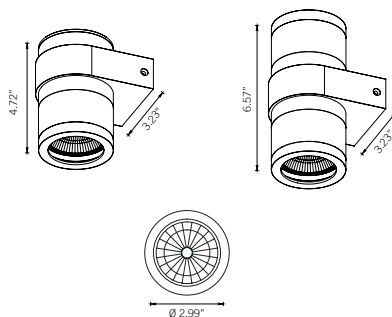- Finish: Black / White / Graphite / Silver / Bronze

RWJ

RWK

OPTICS

RWJ

12º 18º 32º

RWK

12º 18º 32º

DIMENSIONS

8.03"

3.93"

9.84"

3.93"

3.93"

5.35"
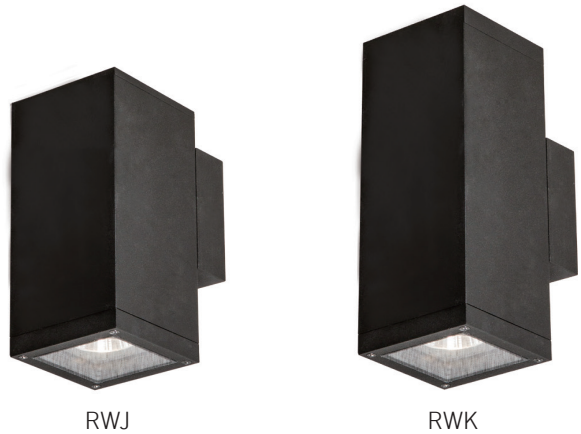
Example: RWK-7L40K-D32-U32-Z-SV

IK 06 | RoHS COMPLIANT | 50,000 Hours | 5 YEAR LIMITED WARRANTY | IP65 Rated | ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RWK 26 Watts	**6L30K** 6L (3000K) 680x2 Lumens	**7L40K** 7L (4000K) 695x2 Lumens	**7L50K** 7L (5000K) 750x2 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWJ 20 Watts	**16L30K** 16L (3000K) 1,690 Lumens	**17L40K** 17L (4000K) 1,730 Lumens	**18L50K** 18L (5000K) 1,800 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to
make changes which may alter the performance or appearance of products.
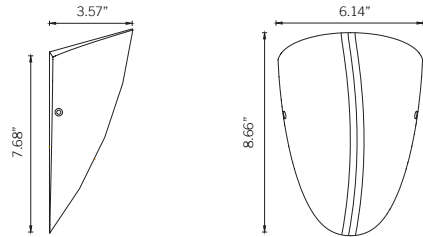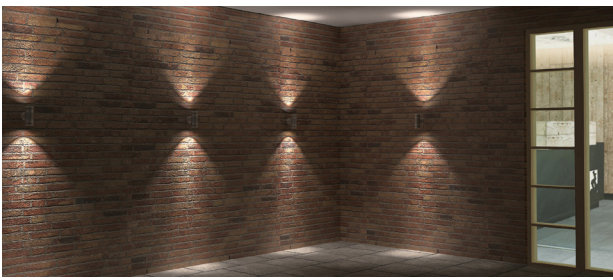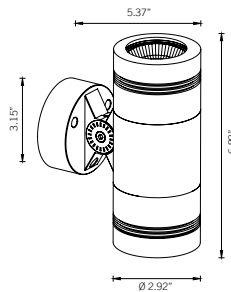
Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
- Finish: Black / White / Graphite / Silver / Bronze

RWL   RWM

OPTICS

RWL

15º 24º 38º 60º

RWM

15º 24º 38º 60º

DIMENSIONS

4.72" 3.23"

6.57" 3.23"

Ø 2.99"

Example: RWL-10L50K-D38-Z-SV

RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP65 Rated | ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RWM 20 Watts	**4L30K** 4L (3000K) 420x2 Lumens	**4L40K** 4L (4000K) 433x2 Lumens	**5L50K** 5L (5000K) 509x2 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWL 13 Watts	**9L30K** 9L (3000K) 960 Lumens	**9L40K** 9L (4000K) 990 Lumens	**10L50K** 10L (5000K) 1,020 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
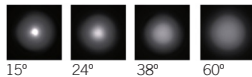- Finish: Black / White / Graphite / Silver / Bronze

RWN

DIMENSIONS

3.57"

7.68"

6.14"

8.66"

OPTICS

RWN

25º

Example: RWN-8L40K-U25-Z-BK

IK 05   ADA COMPLIANT   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP65 Rated   ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RWN 14 Watts	**7L30K** 7L (3000K) 790 Lumens	**8L40K** 8L (4000K) 834 Lumens	**9L50K** 9L (5000K) 900 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
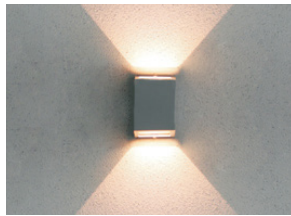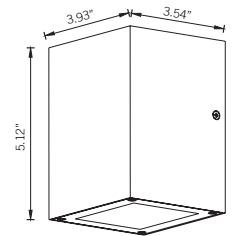- Finish: Black / White / Graphite / Silver / Bronze

RWO

DIMENSIONS
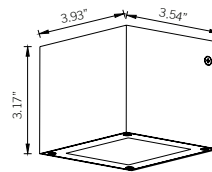
5.37"
3.15"
6.88"
Ø 2.92"

OPTICS

RWO

15°   24°   38°   60°

Example: RWO-4L30K-D24-U24-Z-BK

RoHS COMPLIANT 50,000 Hours 5 YEAR LIMITED WARRANTY IP65 Rated ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RWO 20 Watts	**4L30K** 4L (3000K) 423x2 Lumens	**4L40K** 4L (4000K) 448x2 Lumens	**4L50K** 4L (5000K) 466x2 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: Optical reflector efficiency >85%
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
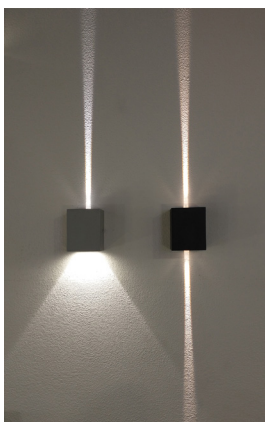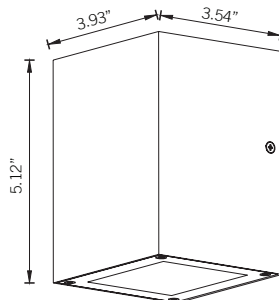- Finish: Black / White / Graphite / Silver / Bronze

RWQ   RWP

OPTICS

DIMENSIONS

D120

D120 / U120

3.93"   3.54"   3.17"

3.93"   3.54"   5.12"

Example: RWP-1L30K-D120-Z-SV

IK 06   ADA COMPLIANT   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP65 Rated   INTERTEK ETL LISTED

Series	Lumens (CCT)			Finish
RWQ 8 Watts	**1L30K** 1L (3000K) 100x2 Lumens	**1L40K** 1L (4000K) 101x2 Lumens	**1L50K** 1L (5000K) 155x2 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWP 4 Watts	**1L30K** 1L (3000K) 155 Lumens	**2L40K** 2L (4000K) 200 Lumens	**2L50K** 2L (5000K) 240 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: **Optical reflector efficiency >85%**
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
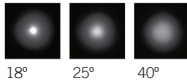- Finish: **Black / White / Graphite / Silver / Bronze**
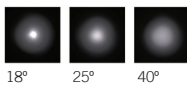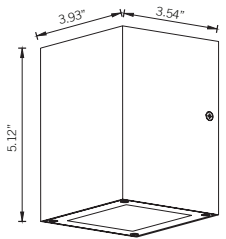
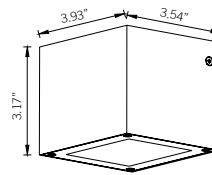RWR   RWS

OPTICS

DIMENSIONS

RWR
D50º
U6º

RWS
D6º
U6º

3.93"   3.54"

5.12"

Example: RWR-2L40K-D50-U6-Z-SV

IK 06

ADA COMPLIANT

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RWR 8.8 Watts	**1L30K** 1L (3000K) 195 Lumens	**2L40K** 2L (4000K) 227 Lumens	**2L50K** 2L (5000K) 230 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWS 8.6 Watts	**0L30K** 0L (3000K) 74 Lumens	**0L40K** 0L (4000K) 89 Lumens	**0L50K** 0L (5000K) 90 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 120V
- Reflector: **Optical reflector efficiency >85%**
- Power Factor: >0.9
- LED: NICHIA
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
- Finish: **Black / White / Graphite / Silver / Bronze**

RWU

RWT

OPTICS				DIMENSIONS	

RWT

18º   25º   40º

RWU

18º   25º   40º

3.93"   3.54"

3.17"

3.93"   3.54"

5.12"

Example: RWT-3L30K-D40-U40-Z-WH

IK 06

ADA COMPLIANT

RoHS COMPLIANT

50,000 Hours

5 YEAR LIMITED WARRANTY

IP65 Rated

ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RWT 14 Watts	**3L30K** 3L (3000K) 320x2 Lumens	**3L40K** 3L (4000K) 370x2 Lumens	**4L50K** 4L (5000K) 400x2 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
RWU 8 Watts	**6L30K** 6L (3000K) 651 Lumens	**7L40K** 7L (4000K) 745 Lumens	**8L50K** 8L (5000K) 805 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
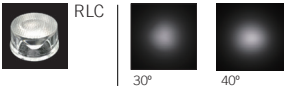
09 LINEAR FLOOD

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
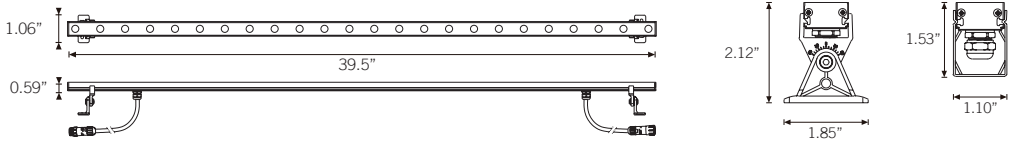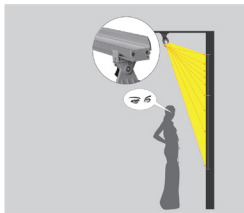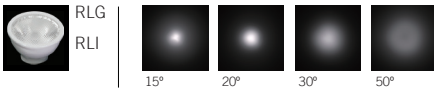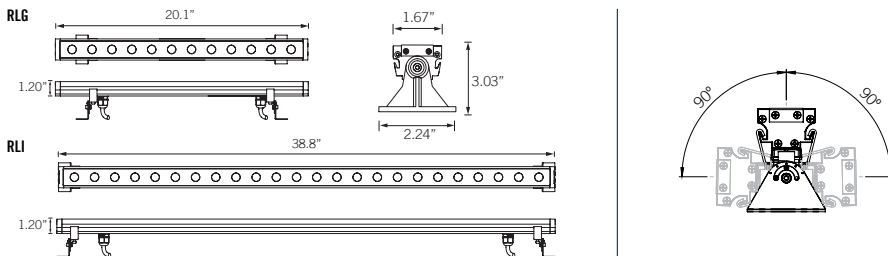- 5 Year Warranty
- Finish: **Silver**

RLC

Optional Accessory

Stainless steel bracket	Connectors	Anti-glare shield

OPTICS

RLC

30º   40º

DIMENSIONS

1.06"

39.5"

0.59"

2.12"

1.85"

1.53"

1.10"

Anti-glare shield optional accessory.

The lid can reduce glare, and focus light evenly.

Rotatable nylon bracket

Stainless Steel Angle fixed bracket

Standard   Optional

Mounting bracket

IK 05

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

INTERTEK ETL LISTED

Example: RLC-10L30K-D40-X-SS

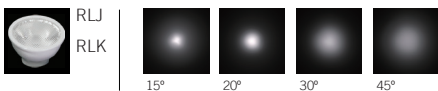| Series	Lumens (CCT)			Finish
RLC 14.7 Watts	**10L30K** 10L (3000K) 1,020 Lumens	**10L40K** 10L (4000K) 1,090 Lumens	**11L50K** 11L (5000K) 1,114 Lumens	**SV** Silver

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
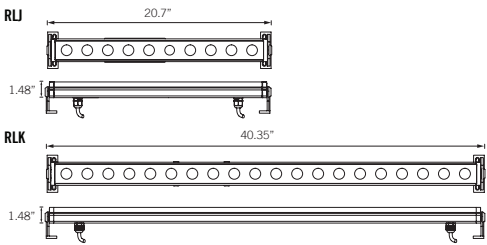
Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
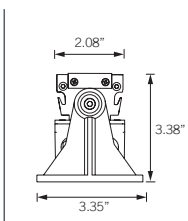- 5 Year Warranty
- Finish: Silver

RLG / RLI

OPTICS

RLG
RLI

15º 20º 30º 50º

Optional Accessory

Connectors   Bevel cut Anti-glare reflector shield

DIMENSIONS

RLG
20.1"
1.20"
1.67"
3.03"
2.24"

RLI
38.8"
1.20"

90°   90°

Example: RLG-9L40K-D40-X-SV / Static Color: RLG-B-D40-X-SV

IK 02   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP66 Rated   INTERTEK ETL LISTED

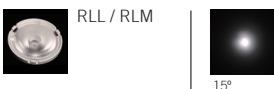| Series	Lumens (CCT)			Finish
RLG 14.5 Watts	**8L30K** 8L (3000K) 864 Lumens	**9L40K** 9L (4000K) 920 Lumens	**10L50K** 10L (5000K) 1,080 Lumens	**SV** Silver
	R R (RED)	**G** G (GREEN)	**B** B (BLUE)	
RLI 30 Watts	**19L30K** 19L (3000K) 1,976 Lumens	**21L40K** 21L (4000K) 2,100 Lumens	**21L50K** 21L (5000K) 2,140 Lumens	
	R R (RED)	**G** G (GREEN)	**B** B (BLUE)	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
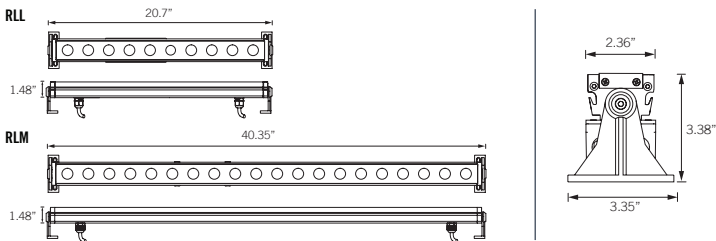- 5 Year Warranty
- Finish: Silver

RLJ / RLK

OPTICS

RLJ
RLK

15º   20º   30º   45º

Optional Accessory

Connectors   Bevel cut Anti-glare reflector shield

DIMENSIONS

RLJ
20.7"
1.48"

RLK
40.35"
1.48"

2.08"
3.38"
3.35"

IK 05   RoHS COMPLIANT   50,000 Hours   5 YEAR LIMITED WARRANTY   IP66 Rated   INTERTEK ETL LISTED

Example: RLJ-12L30K-D45-X-SV / Static Color: RLK-R-D30-X-SV

Series	Lumens (CCT)			Finish
RLJ 25 Watts	**11L30K** 11L (3000K) 1,174 Lumens	**12L40K** 12L (4000K) 1,260 Lumens	**14L50K** 14L (5000K) 1,476 Lumens	**SV** Silver
	R R (RED)	**G** G (GREEN)	**B** B (BLUE)	
RLK 40 Watts	**23L30K** 23L (3000K) 2,308 Lumens	**28L40K** 28L (4000K) 2,890 Lumens	**36L50K** 36L (5000K) 3,655 Lumens	
	R R (RED)	**G** G (GREEN)	**B** B (BLUE)	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
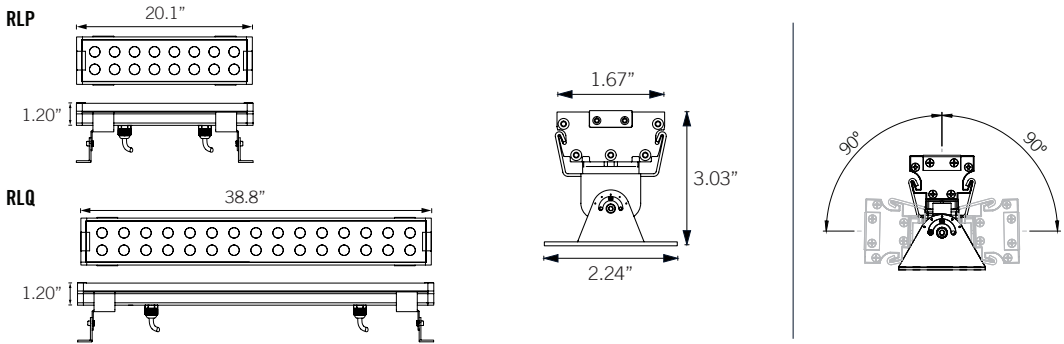
Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- VVoltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty
- Finish: **Silver**

RLL / RLM

OPTICS

RLL / RLM

15º

Optional Accessory

Connectors

Bevel cut Anti-glare reflector shield

DIMENSIONS

RLL
20.7"
1.48"

RLM
40.35"
1.48"

2.36"
3.38"
3.35"

IK 05

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP66 Rated

INTERTEK ETL LISTED
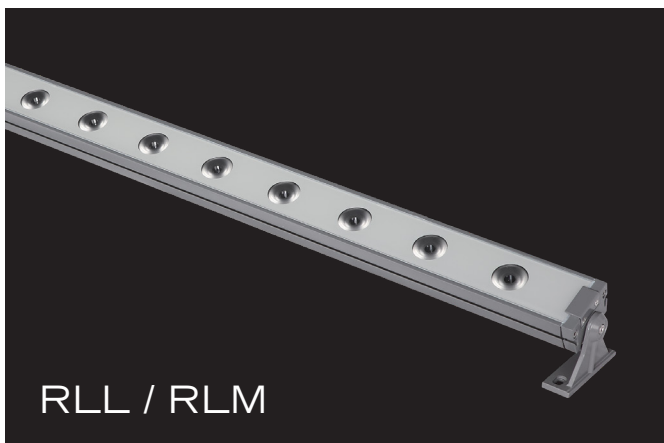
Example: RLL-20L40K-D15-X-SV / Static Color: RLM-G-D15-X-SV

Series	Lumens (CCT)			Finish
RLL 30 Watts	**15L30K** 15L (3000K) 1,583 Lumens	**20L40K** 20L (4000K) 2,013 Lumens	**20L50K** 20L (5000K) 2,030 Lumens	**SV** Silver
	R R (RED)	**G** G (GREEN)	**B** B (BLUE)	
RLM 60 Watts	**32L30K** 32L (3000K) 3,200 Lumens	**33L40K** 33L (4000K) 3,383 Lumens	**34L50K** 34L (5000K) 3,400 Lumens	
	R R (RED)	**G** G (GREEN)	**B** B (BLUE)	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
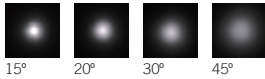
Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
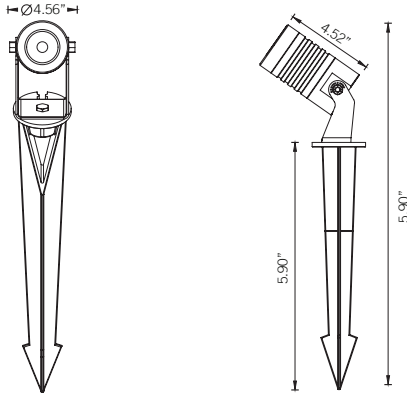- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty
- Finish: Silver

OPTICS

RLP	
RLQ	

15º   20º   30º   45º

RLP / RLQ

DIMENSIONS

RLP

20.1"

1.20"

RLQ

38.8"

1.20"

1.67"

3.03"

2.24"

90º   90º
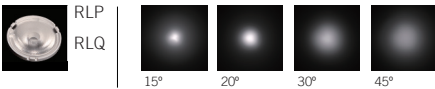
Example: RLP-15L30K-D40-X-SV

IK 05   RoHS COMPLIANT   50,000 Hours   5 YEAR LIMITED WARRANTY   IP66 Rated   ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RLP 25 Watts	**15L30K** 15L (3000K) 1,592 Lumens	**19L40K** 19L (4000K) 1,950 Lumens	**20L50K** 20L (5000K) 2,000 Lumens	**SV** Silver
RLQ 42 Watts	**27L30K** 27L (3000K) 2,730 Lumens	**32L40K** 32L (4000K) 3,200 Lumens	**33L50K** 33L (5000K) 3,306 Lumens	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

10   LANDSCAPE SPOT LIGHT

Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
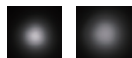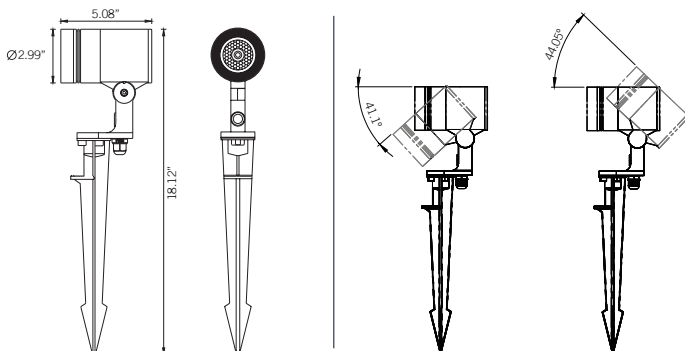- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

OPTICS

RGC | 15º | 20º | 30º | 45º

DIMENSIONS

Ø4.56"

4.52"

5.90"

5.90"

RGC

Example: RGC-1L40K-D15-X-GR

IK 02

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP66 Rated

INTERTEK ETL LISTED

Series	Lumens (CCT)			Finish
RGC 2.6 Watts	**1L20K** 1L (2000K) 160 Lumens	**1L30K** 1L (3000K) 185 Lumens	**1L50K** 1L (5000K) 192 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
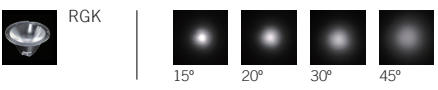
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
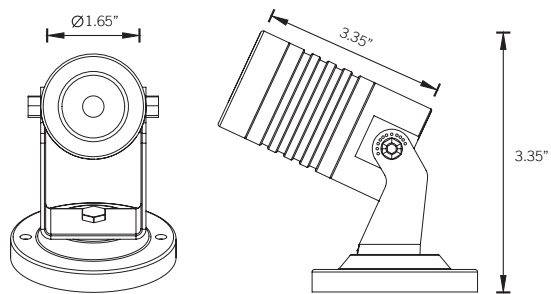- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RGG

OPTICS

RGG

30º   45º

DIMENSIONS

5.08"

Ø2.99"

18.12"

44.05°

41.1°

IK 07

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP66 Rated

INTERTEK ETL LISTED

Example: RGG-9L50K-D45-X-GR

Series	Lumens (CCT)			Finish
RGG 9.8 Watts	**7L20K** 7L (2000K) 790 Lumens	**8L30K** 8L (3000K) 862 Lumens	**9L50K** 9L (5000K) 9 Lumens	**BK** Black
				WH White
				GR Graphite
				SV Silver
Requires remote 24V transformer.				**BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
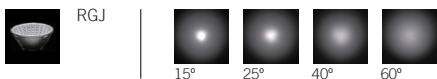
Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
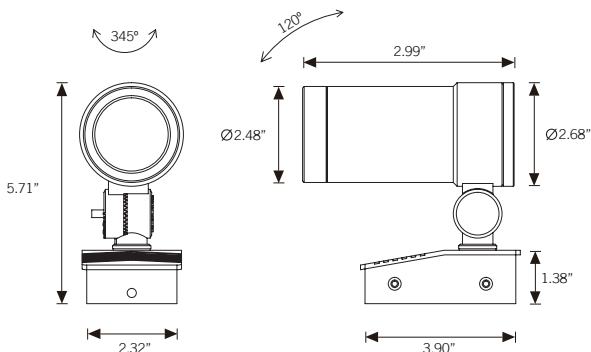- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

OPTICS

RGK

15° 20° 30° 45°

DIMENSIONS

Ø1.65"

3.35"

3.35"

RGK

Example: RGK-1L50K-D15-X-GR

IK 02 RoHS COMPLIANT 50,000 Hours 5 YEAR LIMITED WARRANTY IP66 Rated ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RGK 2.6 Watts	**1L30K** 1L (3000K) 170 Lumens	**1L40K** 1L (4000K) 180 Lumens	**1L50K** 1L (5000K) 190 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
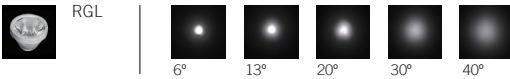
Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
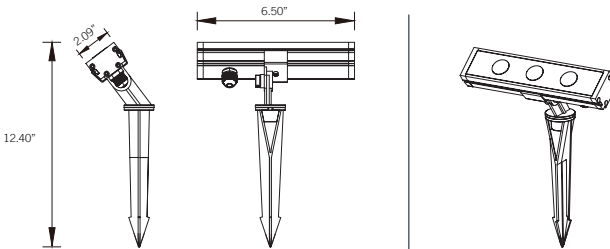- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RGJ

OPTICS

RGJ

15º 25º 40º 60º

DIMENSIONS

345º

120º

2.99"

Ø2.48"

Ø2.68"

5.71"

1.38"

2.32"

3.90"

Example: RGJ-12L50K-D45-X-GR

IK 07 RoHS COMPLIANT 50,000 Hours 5 YEAR LIMITED WARRANTY IP66 Rated ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RGJ 11.5 Watts	**10L30K** 10L (3000K) 1,080 Lumens	**11L40K** 11L (4000K) 1,154 Lumens	**12L50K** 12L (5000K) 1,200 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 3000K, 4000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
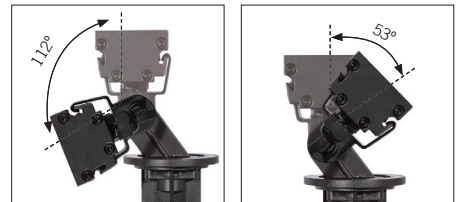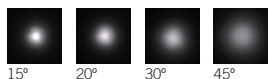- 5 Year Warranty

RGL

OPTICS

RGL

6º   13º   20º   30º   40º

DIMENSIONS

2.09"

6.50"

12.40"

Adjustable

112º

53º

Example: RGL-5L40K-D30-X-GR

IK 02

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP66 Rated

INTERTEK ETL LISTED

Series	Lumens (CCT)			Finish
RGL 6 Watts	**4L30K** 4L (3000K) 460 Lumens	**5L40K** 5L (4000K) 502 Lumens	**5L50K** 5L (5000K) 530 Lumens	**BK** Black
				WH White
				GR Graphite
				SV Silver
Requires remote 24V transformer.				**BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
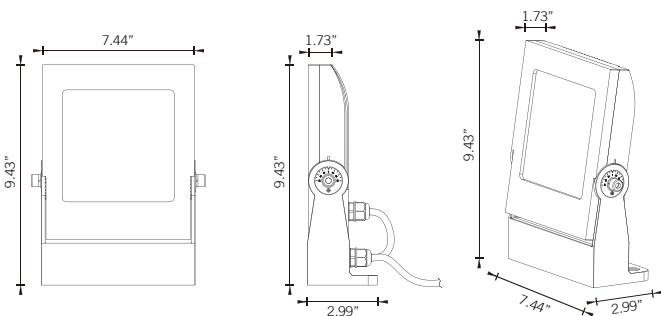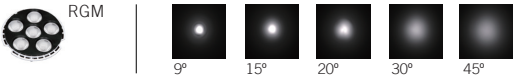- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

OPTICS

RGF

| 15º | 20º | 30º | 45º |

DIMENSIONS

7.44"

9.43"

1.73"

9.43"

2.99"

1.73"

9.43"

7.44"   2.99"

RGF

IK 08

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP66 Rated

INTERTEK ETL LISTED

Example: RGF-19L50K-D20-X-GR

Series	Lumens (CCT)			Finish
RGF 25 Watts	**17L20K** 17L (2000K) 1,790 Lumens	**18L30K** 18L (3000K) 1,850 Lumens	**19L50K** 19L (5000K) 1,951 Lumens	**BK** Black
				WH White
				GR Graphite
				SV Silver
Requires remote 24V transformer.				**BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
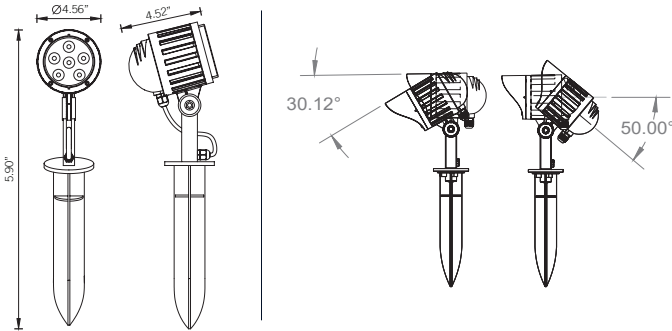
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA
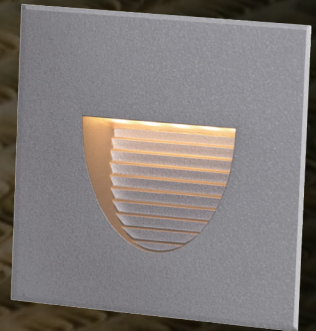- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

w/ optional shroud

OPTICS

RGM

9º 15º 20º 30º 45º

DIMENSIONS

Ø4.56" 4.52" 5.90" 30.12° 50.00°

RGM

IK 02 RoHS COMPLIANT 50,000 Hours 5 YEAR LIMITED WARRANTY IP66 Rated ETL INTERTEK LISTED

Example: RGM-7L30K-D30-X-BK

Series	Lumens (CCT)			Finish
RGM 13.2 Watts Requires remote 24V transformer.	**7L20K** 4L (2000K) 710 Lumens	**7L30K** 7L (3000K) 775 Lumens	**8L40K** 8L (4000K) 800 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
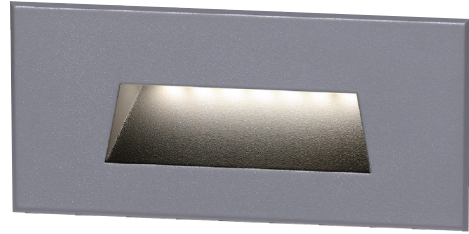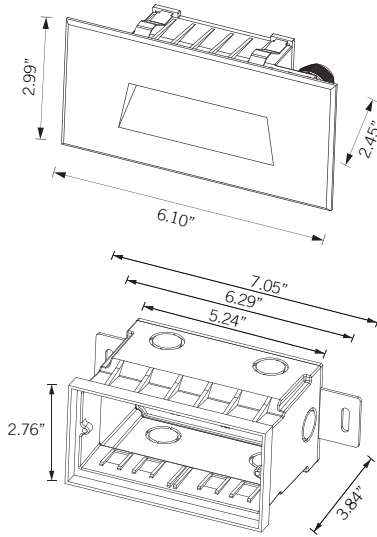
11   WALL / STEP LIGHT

Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
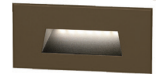- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RSA

DIMENSIONS

2.99"
2.45"
6.10"

7.05"
6.29"
5.24"
2.76"
3.84"

FINISHES AVAILABLE

Graphite   Silver   Bronze

Black   White

IK 10

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

INTERTEK ETL LISTED

Example: RSA-0L20K-X-SV

Series	Lumens (CCT)			Finish
RSA 3.5 Watts	**0L20K** 0L (2000K) 57 Lumens	**0L30K** 0L (3000K) 70 Lumens	**0L40K** 0L (4000K) 75 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
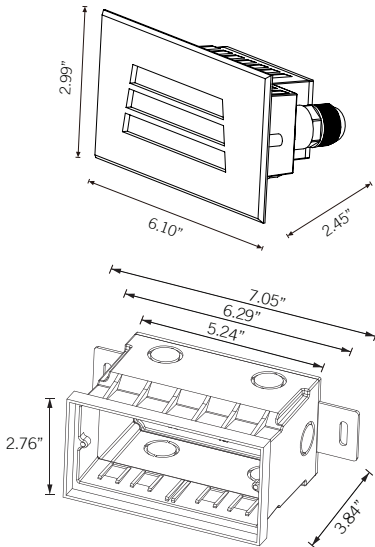
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
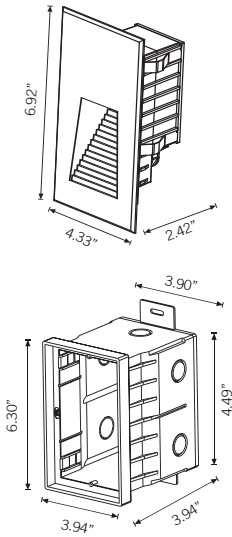- 5 Year Warranty

RSD

DIMENSIONS

2.99"
6.10"
2.45"

7.05"
6.29"
5.24"
2.76"
3.84"

Example: RSD-0L40K-X-SS

IK 09

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

INTERTEK ETL LISTED

Series	Lumens (CCT)			Finish
RSD 3.5 Watts	**0L20K** 0L (2000K) 65 Lumens	**0L30K** 0L (3000K) 82 Lumens	**0L40K** 0L (4000K) 90 Lumens	**SS** Stainless Steel
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

DIMENSIONS

6.92"
4.33"
2.42"

3.90"
6.30"
4.49"
3.94"
3.94"

RSAC

FINISHES AVAILABLE

Graphite   Silver   Black   Bronze

IK 10   RoHS COMPLIANT   50,000 Hours   UNITED WARRANTY 5 YEAR   IP65 Rated   INTERTEK ETL LISTED

Example: RSAC-0L30K-X-BK

Series	Lumens (CCT)			Finish
RSAC 5.5 Watts	**0L20K** 0L (2000K) 40 Lumens	**0L30K** 0L (3000K) 45 Lumens	**0L40K** 0L (4000K) 55 Lumens	**GR** Graphite **SV** Silver **BK** Black **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
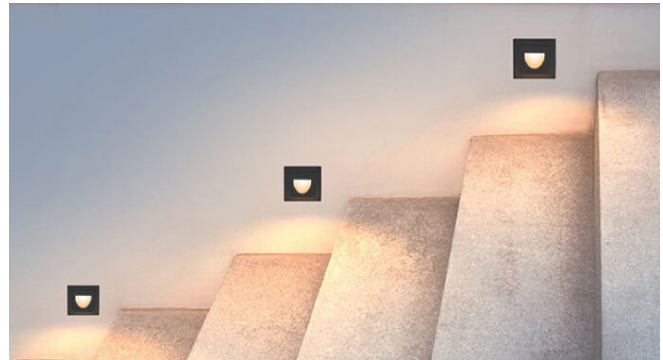
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

DIMENSIONS

6.10"
2.99"
2.43"

3.84"
7.05"
5.24"
2.76"

RSG

FINISHES AVAILABLE

| Graphite | Silver | Bronze | Black | White |

IK 10 | RoHS COMPLIANT | 50,000 Hours | UNITED WARRANTY 5 YEAR | IP65 Rated | INTERTEK ETL LISTED

Example: RSG-0L30K-X-BK

Series	Lumens (CCT)			Finish
RSG 3.3 Watts	**0L20K** 0L (2000K) 470 Lumens	**0L30K** 0L (3000K) 53 Lumens	**0L40K** 0L (4000K) 62 Lumens	**BK** Black
				WH White
				GR Graphite
				SV Silver
Requires remote 24V transformer.				**BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
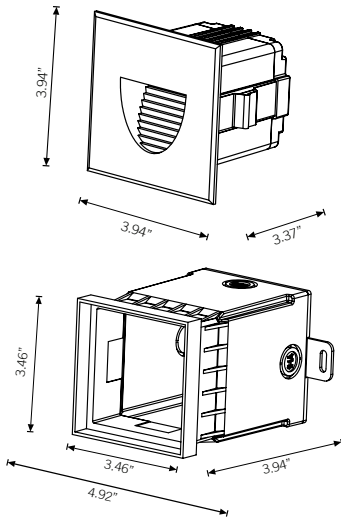
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
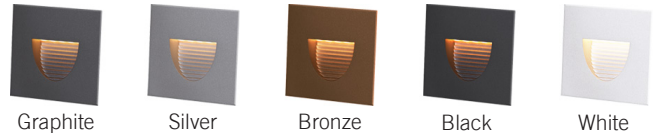- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RSI

DIMENSIONS

3.94"

3.94"

3.37"

3.46"

3.46"

3.94"

4.92"

FINISHES AVAILABLE

Graphite   Silver   Bronze   Black   White

IK 10   RoHS COMPLIANT   50,000 Hours   5 YEAR LIMITED WARRANTY   IP65 Rated   ETL INTERTEK LISTED

Example: RSI-1L30K-X-BK

Series	Lumens (CCT)			Finish
RSI 5.5 Watts	**0L20K** 0L (2000K) 94 Lumens	**1L30K** 1L (3000K) 100 Lumens	**1L40K** 1L (4000K) 103 Lumens	**BK** Black
				WH White
				GR Graphite
				SV Silver
Requires remote 24V transformer.				**BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to
make changes which may alter the performance or appearance of products.
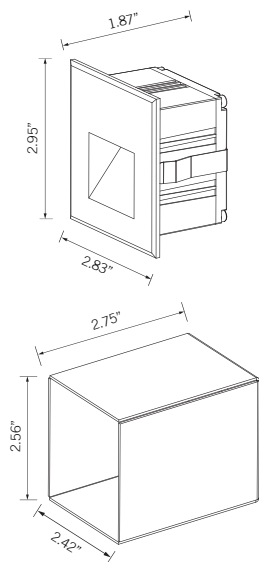
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
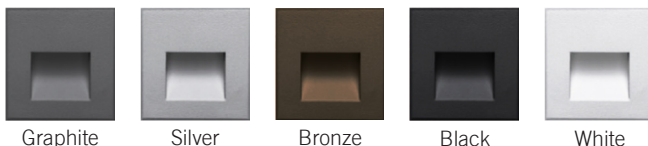- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RSR

DIMENSIONS

1.87"
2.95"
2.83"

2.75"
2.56"
2.42"

FINISHES AVAILABLE

Graphite   Silver   Bronze   Black   White

IK 10   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP65 Rated   INTERTEK ETL LISTED

Example: RSR-0L30K-X-WH

Series	Lumens (CCT)			Finish
RSR 2.6 Watts	**0L20K** 0L (2000K) 22 Lumens	**0L30K** 0L (3000K) 25 Lumens	**0L40K** 0L (4000K) 32 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
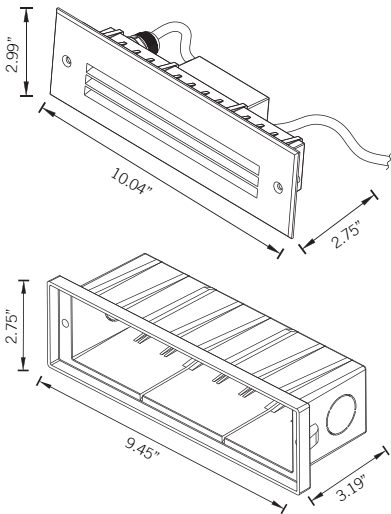
Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RSL

DIMENSIONS

2.99"
10.04"
2.75"
2.75"
9.45"
3.19"

FINISHES AVAILABLE

Graphite   Silver   Bronze

Black   White

IK 09 | RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP65 Rated | INTERTEK ETL LISTED

Example: RSL-0L30K-X-BK

Series	Lumens (CCT)			Finish
RSL 5.3 Watts	**0L20K** 0L (2000K) 39 Lumens	**0L30K** 0L (3000K) 44 Lumens	**0L40K** 0L (4000K) 50 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Extruded aluminum alloy.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
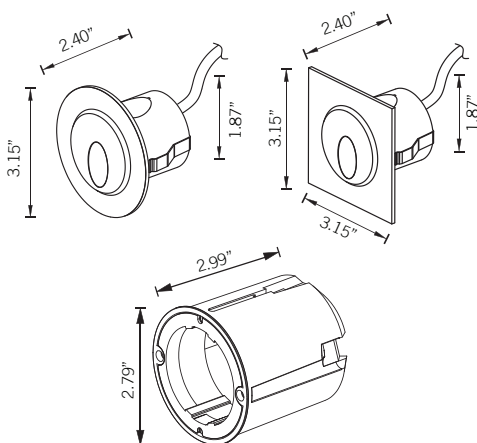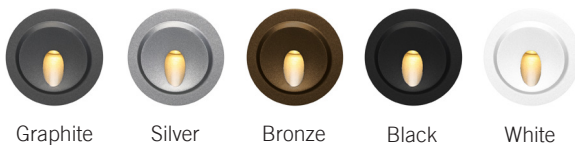- 5 Year Warranty

RSO

RSP

DIMENSIONS

2.40"

1.87"

3.15"

2.40"

3.15"

1.87"

3.15"

2.99"

2.79"

FINISHES AVAILABLE

Graphite   Silver   Bronze   Black   White

Example: RSO-0L30K-X-BK

IK 10

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP65 Rated

INTERTEK ETL LISTED

Series	Lumens (CCT)			Finish
RSO 2.6 Watts	**0L20K** 0L (2000K) 62 Lumens	**0L30K** 0L (3000K) 66 Lumens	**0L40K** 0L (4000K) 75 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
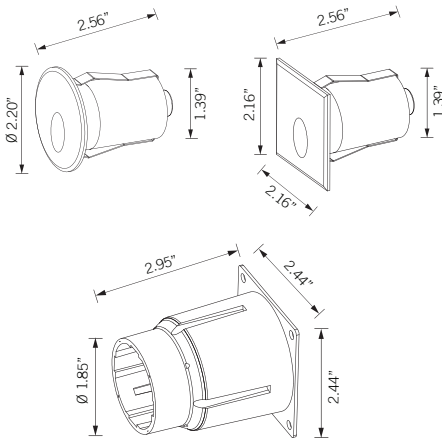
Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
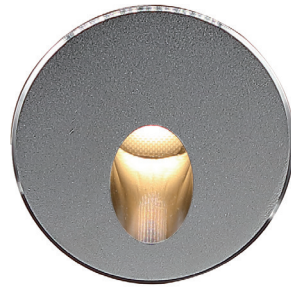- 5 Year Warranty

RSU-S

DIMENSIONS

2.56" Ø 2.20" 1.39"

2.56" 2.16" 2.16" 1.39"

2.95" 2.44" Ø 1.85" 2.44"

Example: RSU-S-0L30K-X-SS

IK 10   RoHS COMPLIANT   50,000 Hours   RATED WARRANTY 5 YEAR   IP65 Rated   INTERTEK ETL LISTED

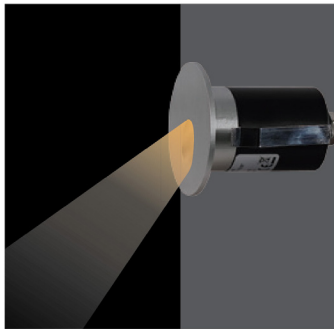| Series	Shape	Lumens (CCT)			Finish
RSU 2.4 Watts	**R** Round **S** Sqaure	**0L20K** 0L (2000K) 30 Lumens	**0L30K** 0L (3000K) 36 Lumens	**0L40K** 0L (4000K) 45 Lumens	**SS** Stainless Steel
Requires remote 24V transformer.					

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Front cover: Die-casting aluminum
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RSV-R

FINISHES AVAILABLE

Graphite	Silver	Bronze	Black	White

Example: RSV-S-0L30K-X-SS

IK10 | RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP65 Rated | INTERTEK ETL LISTED

Series	Shape	Lumens (CCT)			Finish
RSV 2.4 Watts	**R** Round **S** Sqaure	**0L20K** 0L (2000K) 30 Lumens	**0L30K** 0L (3000K) 36 Lumens	**0L40K** 0L (4000K) 45 Lumens	**BK** Black **WH** White **GR** Graphite **SV** Silver **BZ** Bronze
Requires remote 24V transformer.					

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
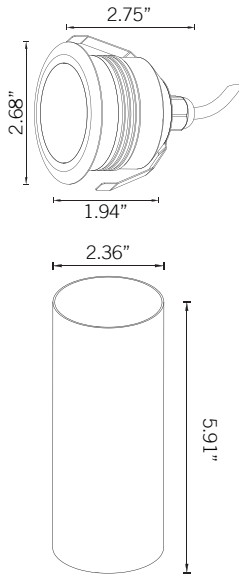
Specifications:

- Powder coated aluminum, Polycarbonate diffuser.
- CCT: 2000K, 3000K & 4000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RSZ

DIMENSIONS

2.75”

2.68”

1.94”

2.36”

5.91”

COLORS AVAILABLE

White   Yellow   Pink   Green   Blue

IK 10   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP65 Rated   INTERTEK ETL LISTED

Example: RSZ-0L40K-X-SV

Series	Lumens (CCT)			LENS COLOR	Finish
RSZ 2.6 Watts	**0L20K** 0L (2000K) 20 Lumens	**0L30K** 0L (3000K) 22 Lumens	**0L40K** 0L (4000K) 28 Lumens	**WT** White	**BK** Black
				YW Yellow	**WH** White
				PK Pink	**GR** Graphitep
				GN Green	**SV** Silver
Requires remote 24V transformer.				**BL** Blue	**BZ** Bronze

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

12   INGROUND / WELL LIGHT

Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP67 Rated
- LED: NICHIA COB
- Operating Temp.: -4ºF to 113ºF
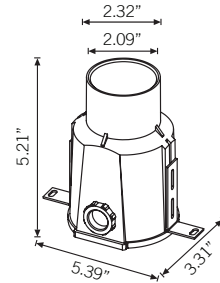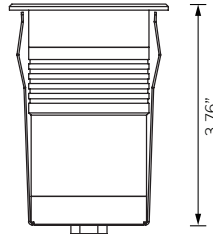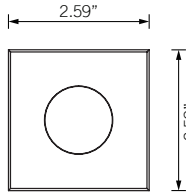- 5 Year Warranty

OPTICS

RIAO / RIAP

18º   24º   32º

RIAO   RIAP

DIMENSIONS

Ø 2.75"   2.59"   2.59"   3.76"

2.32"
2.09"
5.21"
5.39"   3.31"

Example: RIAO-4L30K-D32-X-SS

IK 08   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP67 Rated   ETL INTERTEK LISTED
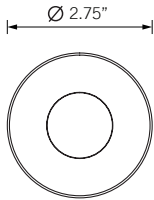
Series	Lumens (CCT)			Finish
RIAO Round Inground 6 Watts **RIAP** Square Inground 6 Watts Requires remote 24V transformer. Refer to page 93.	**3L20K** 3L (2000K) 346 Lumens	**4L30K** 4L (3000K) 442 Lumens	**5L50K** 5L (5000K) 506 Lumens	**SS** Stainless Steel

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA COB
- Operating Temp.: -4ºF to 113ºF
- 5 Year Warranty

RIAZ

LH011
Optional Accessory
Hexcell Louver

OPTICS

  RIAZ

| 9º | 15º | 20º | 30º | 45º |

DIMENSIONS

Ø 5.90"
4.72"
3.84"
Ø 3.77"

Ø 5.61"
7.68"

Beam Directional

Example: RIAZ-4L50K-D20-X-SS

IK 09 | RoHS COMPLIANT | 50,000 Hours | 5 YEAR LIMITED WARRANTY | IP67 Rated | ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RIAZ Round Inground 5.2 Watts	**3L20K** 3L (2000K) 350 Lumens	**4L30K** 4L (3000K) 420 Lumens	**4L50K** 4L (5000K) 479 Lumens	**SS** Stainless Steel
Requires remote 24V transformer. Refer to page 93.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: NICHIA COB
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty

RIBB

OPTICS

RIBB

10º   15º   20º   30º

DIMENSIONS

Ø 4.57"

3.46"

Ø 2.99"

Ø 4.13"

5.90"

LH016
Optional Accessory
Hexcell Louver

Example: RIBB-2L20K-D20-X-SS

IK 09

RoHS COMPLIANT

50,000 Hours

5 YEAR LIMITED WARRANTY

IP67 Rated

ETL INTERTEK LISTED

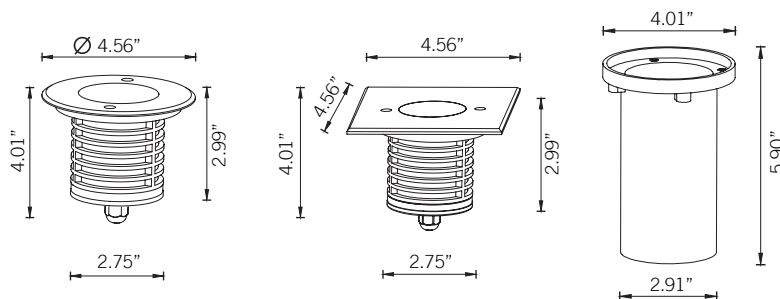| Series	Lumens (CCT)			Finish
RIBB Round Inground 3 Watts	**2L20K** 2L (2000K) 294 Lumens	**3L30K** 3L (3000K) 300 Lumens	**3L50K** 3L (5000K) 320 Lumens	**SS** Stainless Steel
Requires remote 24V transformer. Refer to page 93.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to
make changes which may alter the performance or appearance of products.

Specifications:

- Front cover: Hard Chrome-plated
- stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: OSRAM
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty

RIM

RIN

LH012
Optional Accessory
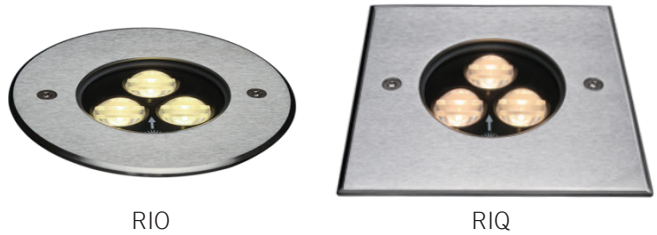Hexcell Louver

OPTICS

RIM
RIN

9º   15º   20º   30º   45º

DIMENSIONS

∅ 4.56"   4.01"   2.99"   2.75"

4.56"   4.56"   4.01"   2.99"   2.75"

4.01"   5.90"   2.91"

Example: RIM-3L20K-D45-X-SS

IK 08   RoHS COMPLIANT   50,000 Hours   LIMITED WARRANTY 5 YEAR   IP66 Rated   INTERTEK ETL LISTED

Series	Lumens (CCT)			Finish
RIM Round Inground 5.2 Watts **RIN** Square Inground 5.2 Watts	**3L20K** 3L (2000K) 376 Lumens	**4L30K** 4L (3000K) 479 Lumens	**5L50K** 5L (5000K) 500 Lumens	**SS** Stainless Steel
Requires remote 24V transformer. Refer to page 93.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
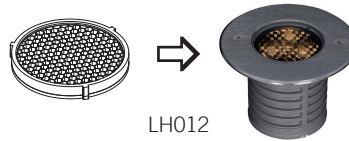
Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
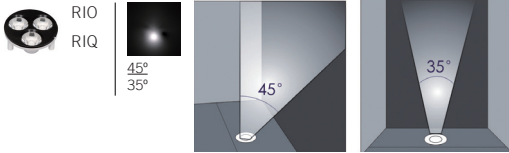- LED: OSRAM
- Operating Temp.: -4ºF to 104ºF
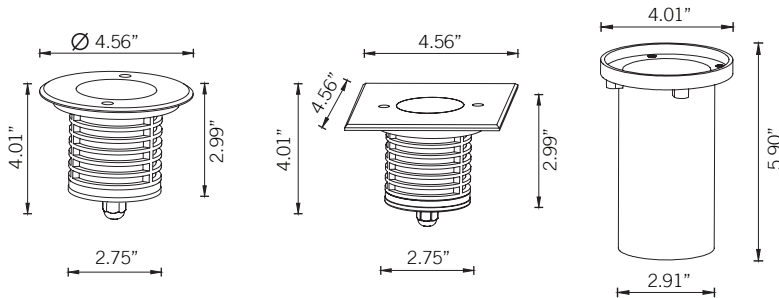- 5 Year Warranty

RIO

RIQ

LH012
Optional Accessory
Hexcell Louver

OPTICS

RIO
RIQ

45º
35º

45°

35°

DIMENSIONS

Ø 4.56"
4.01"
2.99"
2.75"

4.56"
4.56"
4.01"
2.99"
2.75"

4.01"
5.90"
2.91"

Example: RIQ-3L20K-D45/35-X-SS

IK 08   RoHS COMPLIANT   50,000 Hours   5 YEAR LIMITED WARRANTY   IP66 Rated   ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RIO Round Inground 5.2 Watts **RIQ** Square Inground 5.2 Watts	**3L20K** 3L (2000K) 328 Lumens	**3L30K** 3L (3000K) 365 Lumens	**3L50K** 3L (5000K) 372 Lumens	**SS** Stainless Steel
Requires remote 24V transformer. Refer to page 93.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
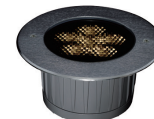
Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: OSRAM
- Operating Temp.: -4ºF to 104ºF
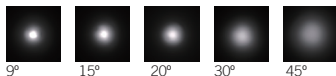- 5 Year Warranty

RIV
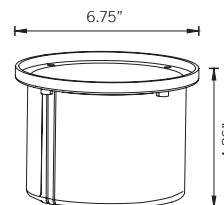
RIU

LH013
Optional Accessory
Hexcell Louver

OPTICS

RIV
RIU

| 9º | 15º | 20º | 30º | 45º |

DIMENSIONS

Ø 7.87"

2.95"

4.40"

7.87"

2.95"

4.40"

6.75"

4.86"

IK 09

RoHS COMPLIANT

50,000 Hours

LIMITED WARRANTY 5 YEAR

IP67 Rated

INTERTEK ETL LISTED

Example: RIV-3L30K-U45-X-SS

Series	Lumens (CCT)			Finish
RIV Round Inground 20 Watts **RIU** Square Inground 20 Watts	**16L20K** 16L (2000K) 1,605 Lumens	**17L30K** 17L (3000K) 1,795 Lumens	**18L50K** 18L (5000K) 1,866 Lumens	**SS** Stainless Steel

Requires remote 24V transformer.
Refer to page 93.

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: OSRAM
- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty
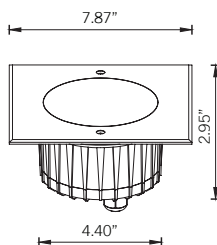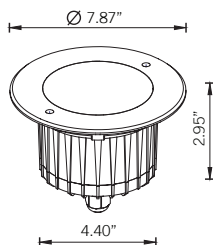
RIO

RIQ

LH013
Optional Accessory
Hexcell Louver

OPTICS

RIO
RIQ

45º
35º

45°

35°

DIMENSIONS

Ø 7.87"
2.95"
4.40"

7.87"
2.95"
4.40"

6.75"
4.86"

Example: RIX-14L40K-U45/35-X-SS

IK 09

RoHS COMPLIANT

50,000 Hours

5 YEAR LIMITED WARRANTY

IP67 Rated

ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RIX Round Inground 20 Watts **RIY** Square Inground 20 Watts Requires remote 24V transformer. Refer to page 93.	**13L20K** 13L (2000K) 1,307 Lumens	**14L30K** 14L (3000K) 1,490 Lumens	**15L50K** 15L (5000K) 1,543 Lumens	**SS** Stainless Steel

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to
make changes which may alter the performance or appearance of products.

Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: OSRAM
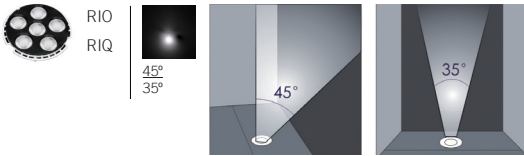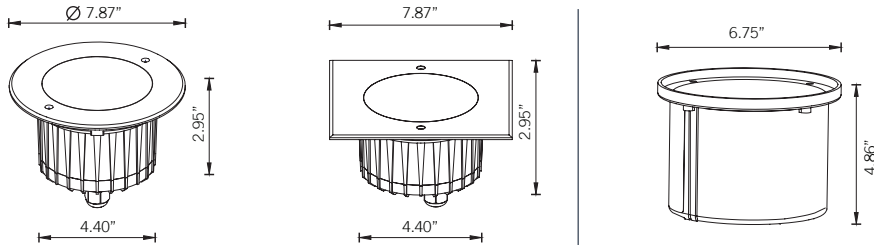- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty

RIZ

OPTICS

RIO

45º
35º

45°

35°

DIMENSIONS

12.9"
2.56"
2.48"

12.32"
2.28"
3.54"

Example: RIZ-6L30K-U45/35-X-SS

IK 08   RoHS COMPLIANT   50,000 Hours   5 YEAR LIMITED WARRANTY   IP67 Rated   ETL INTERTEK LISTED

Series	Lumens (CCT)			Finish
RIZ Linear Inground 13 Watts	**5L20K** 5L (2000K) 570 Lumens	**6L30K** 6L (3000K) 610 Lumens	**8L50K** 8L (5000K) 875 Lumens	**SS** Stainless Steel
Requires remote 24V transformer. Refer to page 93.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
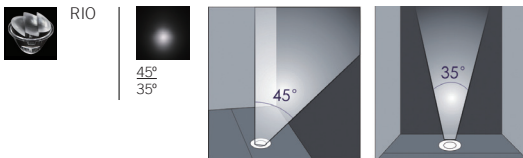
Specifications:

- Front cover: Hard Chrome-plated stainless steel / 316#.
- CCT: 2000K, 3000K & 5000K
- Voltage: 24V
- Requires 24V remote transformer
- Water-Tight Cable Gland: IP68 Rated
- LED: OSRAM
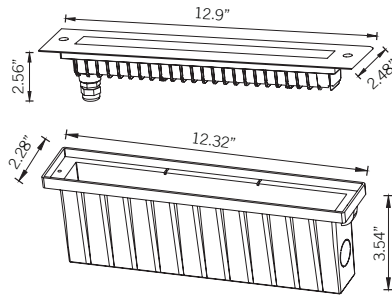- Operating Temp.: -4ºF to 104ºF
- 5 Year Warranty

RIH

OPTICS

RIH

| 20º | 25º | 30º | 35º | 45º |

DIMENSIONS

40.35"

2.68"

1.24"

39.6"

Mounting Sleeve

3.15"

2.68"

Example: RIH-20L30K-D20-X-SS

IK 07 | RoHS COMPLIANT | 50,000 Hours | 5 YEAR LIMITED WARRANTY | IP67 Rated | INTERTEK ETL LISTED

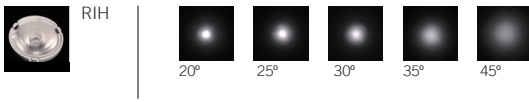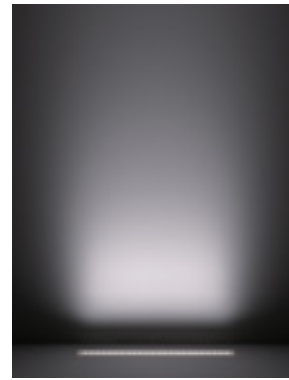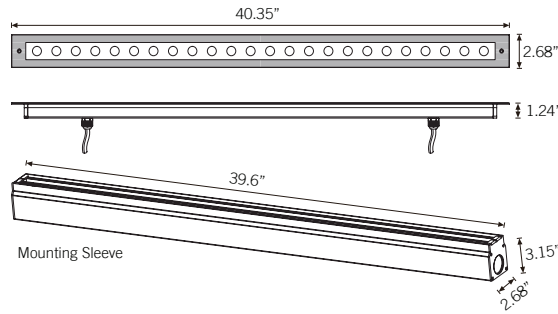| Series	Lumens (CCT)			Finish
RIH Round Inground 44 Watts	**20L20K** 20L (2000K) 2,055 Lumens	**21L30K** 21L (3000K) 2,150 Lumens	**29L50K** 29L (5000K) 2,957 Lumens	**SS** Stainless Steel
Requires remote 24V transformer. Refer to page 93.				

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Description:

These drivers are NEMRA 3R rated and can be used indoors or outdoors. Although the input is not universal, the drivers are available with either 120VAC or 277VAC input. With a range of wattages these drivers are appropriate for projects of any size. A 5 year warranty is provided.
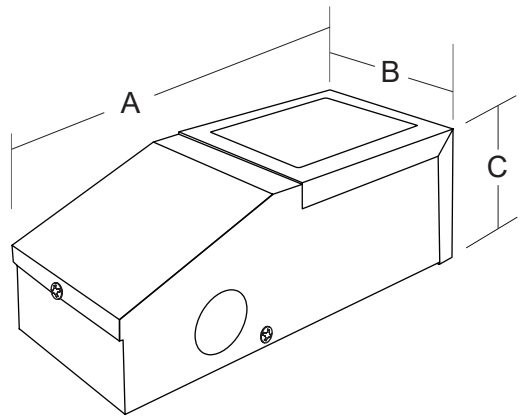
	A B C
20W /40W	5.6" x 2.1" x 2.1"
60W/96W	6.7" x 2.6" x 2.4"
150W	9.3" x 3.0" x 2.8"
300W	10.1" x 3.8" x 3.5"

Series	Input Voltage	Output Voltage	Watts
TR-20W-24V	120VAC	24VAC	20W
TR-40W-24V	120VAC	24VAC	40W
TR-60W-24V	120VAC	24VAC	60W
TR-96W-24V	120VAC	24VAC	96W
TR-150W-24V	120VAC	24VAC	150W
TR-300W-24V	120VAC	24VAC	300W

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

13 HIGH BAYS

CHB2

Specifications:

- Magnesium alloy housing maximizes cooling.
- Tempered glass lens.
- UL 94 Flame Rating - 5VA rating on housing.
- Available in 90W to 320W options.
- Light engines are available in 4000K and 5000K configurations.
- Lumen output from 13,500 - 48,000lm
- Efficacy up to 150lm/W.
- 120-277VAC / 50/60Hz.
- Operating temperature is -40ºF to 113ºF
- **Emergency Back-up battery option available.**
- **Increase energy saving with Motion sensor optional.**
- 0-10v dimming, 10%-100%

Adjustable
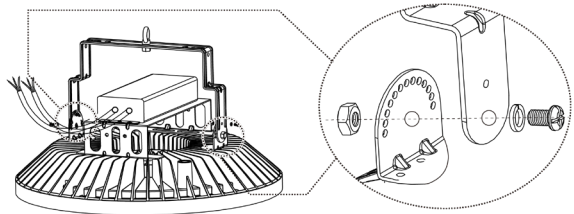
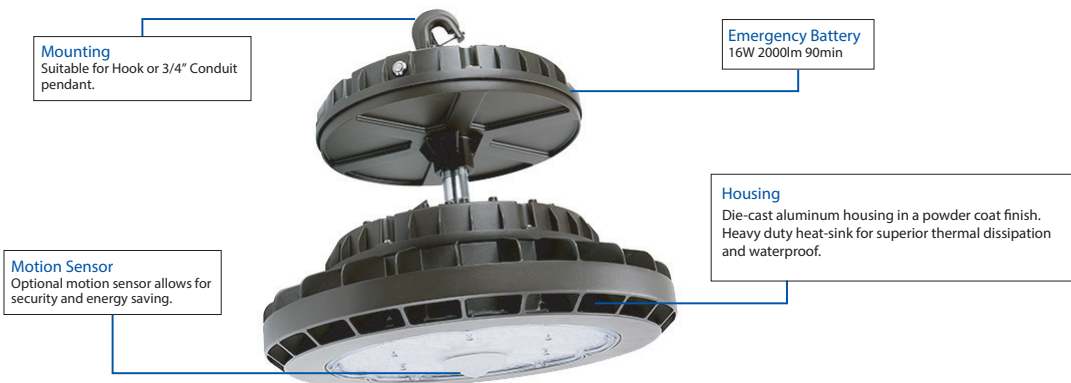| Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
CHB2-90	90W	13,500	4000K / 5000K	120-277V	ø12.99 x 5.51 in
CHB2-140	140W	21,000	4000K / 5000K	120-277V	ø12.99 x 5.51 in
CHB2-180	180W	27,000	4000K / 5000K	120-277V	ø16.92 x 6.49 in
CHB2-240	240W	36,000	4000K / 5000K	120-277V	ø16.92 x 6.49 in
CHB2-320	320W	48,000	4000K / 5000K	120-277V	ø16.92 x 6.49 in

Nominal Lumens are based on 4000K / 5000K

EHB2

Specifications:

- Efficacy from 144-149lm/w, designed to replace 250W 320W and 400W HID while consuming 135W, 175W and 200W.
- 120-277VAC and 347-480VAC available.
- 120 degree lens guarantees light intensity and light uniformity.
- Hook (default included) or Conduit pendant way for different applications.
- Optional motion sensor offered for maximizing energy savings.
- Optional emergency function for emergency needs.
- Superior color rendition index compared to HPS.
- Operating temperature is -40ºF to 130ºF.
- Resistant to shock and vibration.
- UL wet location and DLC listed.
- **Emergency Back-up battery option available.**
- **Increase energy saving with Motion sensor options.**

Mounting
Suitable for Hook or 3/4" Conduit pendant.

Emergency Battery
16W 2000lm 90min

Housing
Die-cast aluminum housing in a powder coat finish. Heavy duty heat-sink for superior thermal dissipation and waterproof.

Motion Sensor
Optional motion sensor allows for security and energy saving.

RoHS COMPLIANT | 50,000 Hours | LIMITED WARRANTY 5 YEAR | IP65 Rated | UL CERTIFIED

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
EHB2-135	135W	19,400	4000K / 5000K	120-277V / 347-480V	ø15.35 x 9.16 in
EHB2-175	175W	25,600	4000K / 5000K	120-277V / 347-480V	ø15.35 x 9.16 in
EHB2-200	200W	29,800	4000K / 5000K	120-277V / 347-480V	ø15.35 x 9.16 in

Nominal Lumens are based on 4000K / 5000K

HBH2

67W / 97W / 140W / 180W

Optional Bi-level motion sensor allows for security and energy saving.

Specifications:

- Sealed die-casting profile for indoor and outdoor applications.
- Available in 67W to 180W options.
- Light engines are available in 4000K and 5000K configurations.
- Lumen output from 9,350 - 24,500lm
- Efficacy up to 141lm/W.
- 120-277VAC / 347-480VAC / 50/60Hz.
- Operating temperature is -40°F to 131°F
- **Emergency Back-up battery option available.**
- **Increase energy saving with Bi-level Motion sensor options.**
- 0-10v dimming
- Replaces 250 and 400W MH

RoHS COMPLIANT　50,000 Hours　LIMITED WARRANTY 5 YEAR　IP65 Rated　UL CERTIFIED

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
HBH2	67W	9,350	4000K / 5000K	120-277V	13.03 x 7.9 in
	97W	13,700	4000K / 5000K	120-277V	13.03 x 7.9 in
	140W	19,100	4000K / 5000K	120-277V / 347-480V	15.55 x 7.9 in
	180W	24,500	4000K / 5000K	120-277V / 347-480V	15.55 x 7.9 in

Nominal Lumens are based on 4000K / 5000K*

HAHB2

Optional motion sensor allows for security and energy saving.

Specifications:

- Efficiency higher than 160lm/W, designed to replace
- 750W and 1000W HID.
- Open the drive compartment cover from below to facilitate inspection and assembly.
- 120 degree lens guarantees light intensity and light uniformity.
- Hook (default included) or Conduit pendant way for different applications.
- Optional motion sensor can be offered for maximizing energy savings.
- Optional adjustment dial allows the fixture to meet higher ambient temperature requirements.
- Operating temperature is -40°F to 149°F.

RoHS COMPLIANT　50,000 Hours　LIMITED WARRANTY 5 YEAR　IP65 Rated　UL CERTIFIED

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
HAHB2	250W	40,100	4000K / 5000K	120-277V / 347-480V	24.25 x 24.25 x 8.1 in
	340W	55,500	4000K / 5000K	120-277V / 347-480V	24.25 x 24.25 x 8.1 in

Nominal Lumens are based on 4000K / 5000K*

THB

Specifications:

- Efficacy higher than 150lm/W.
- Die-cast aluminum housing, and ploycarbonate diffuser.
- 120-277 / 247-480VAC .
- Hook ring for different applications.
- Optional motion sensor can be offered for maximizing energysavings.
- IP65 Rated / IK08 Rated
- Operating temperature is -40ºF to 113ºF.
- Power Factor: >0.9
- 50,000 hour life span
- **Increase energy saving with Motion sensor optional.**
- 0-10V dimming

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
THB-100	100W	15,500	4000K / 5000K	120-277V / 347-480V	9.4 x 9.4 x 7.5 in
THB-150	150W	23,890	4000K / 5000K	120-277V / 347-480V	10.7 x10.7 x 8.5 in
THB-200	200W	32,900	4000K / 5000K	120-277V / 347-480V	12 x 12 x 8.8 in
THB-240	240W	37,700	4000K / 5000K	120-277V / 347-480V	12 x 12 x 8.8 in

Nominal Lumens are based on 4000K / 5000K*

ZHB

Specifications:

- Efficacy higher than 145lm/W, designed to replace 750W and 1000W HID.
- Die-cast aluminum housing, and polycarbonate diffuser.
- 90 degree lens guarantees light intensity and light uniformity.
- Hook for various applications.
- IP65 Rated / IK08 Rated
- Operating temperature is -20ºF to 115ºF.
- Power Factor: >0.9

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
ZHB-150	150W	22,500	4000K / 5000K	120-277V	25.64 x 5.82 x 3.68 in
ZHB-200	200W	30,000	4000K / 5000K	120-277V	47.14 x 5.82 x 3.68 in

Nominal Lumens are based on 4000K / 5000K*

ELHB3

Specifications:

- Magnesium alloy housing maximizes cooling.
- Tempered glass lens.
- Truly UL 94 Flame Rating - 5VA rating on housing.
- Available in 90W to 320W options.
- Light engines are available in 4000K and 5000K configurations.
- Lumen output from 13,500 - 48,000lm
- Efficacy up to 150lm/W.
- 120-277VAC / 50/60Hz.
- Operating temperature is -40ºF to 113ºF
- **Emergency Back-up battery option available.**
- **Increase energy saving with Motion sensor options.**
- 0-10v dimming, 10%-100%

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
ELHB3	90W	12,600	4000K / 5000K	120-277V / 347-480V	9.70 x 23.83 x 1.97 in
	130W	18,500	4000K / 5000K	120-277V / 347-480V	9.70 x 23.83 x 1.97 in
	180W	25,200	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in
	L130W	18,500	4000K / 5000K	120-277V / 347-480V	17.32 x 23.83 x 1.97 in
	L180W	24,000	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in
	210W	29,000	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in
	270W	37,000	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in
	300W	41,500	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in
	370W	50,500	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in

TLB

Specifications:

- High luminous efficacy 130lm/w.
- UL listed; With LM79 & LM80
- 2ft: 80/110W/165W/220W MAX
- 4ft: 225W & 300W MAX
- High quality non-isolated driver 0-10V dimming, Flicker free
- PF> 0.9, driver efficacy >87%; THD<20%
- Suitable for dry / damp location.
- Designed for warehouses, gymnasiums, and industrial spaces.
- CCT: 4000K & 5000K.
- Five years warranty.

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
TLB	80W	10,400	4000K / 5000K	120-277V	9.70 x 23.83 x 1.97 in
	110W	14,300	4000K / 5000K	120-277V	9.70 x 23.83 x 1.97 in
	165W	21,450	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in
	225W	29,250	4000K / 5000K	120-277V / 347-480V	12.60 x 23.83 x 1.97 in

Nominal Lumens are based on 4000K / 5000K*

14 TROFFERS & PANELS

TBT SERIES 2x2 & 2x4
INDIRECT LED TROFFER / SELECTABLE WATTAGE

Specifications:

- Lumen output from 3,135 - 4,230lm
- Available in 3500K, 4000K, and 5000K
- Efficacy up to 107lm/W.
- Voltage 120-277V.
- Power Factor: >0.9
- Working Current: 0.5A
- Lifespan: 50,000 hours
- Increase energy saving with 0-10V dimming.
- Perforated basket and the gull wing reflectors.
- Operating temperature is -5ºF to 120ºF
- UL Listed
- Mounting: Recessed, Lay-in.

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
TBT22	30W	3,260	3500K	120-277V	14.08 x 14.08 x 6.4 / 7.31 in
TBT24	40W	4,230	3500K	120-277V	14.08 x 14.08 x 6.4 / 7.31 in

Nominal Lumens are based on 4000K / 5000K*
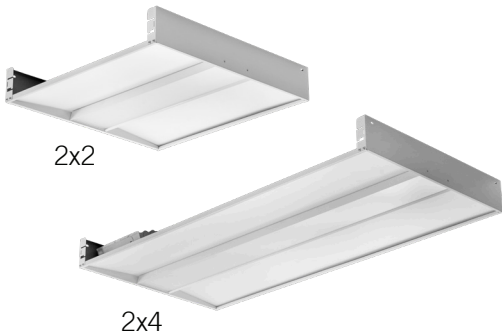
LMR SERIES

Specifications:

- Efficacy: 103-105 Lm/W
- Power: (2x2) 40 Watts / (2x4) 50 Watts
- CRI: Ra>80
- CCT Options: 3000K, 3500K, 4000K, 5000K
- Input Voltage: 120-277 VAC
- Input current: 0.4 - 0.16A
- THD:<20%
- Standard Warranty: 5 Year Warranty
- Standard Lifetime: Designed to L70 minimum 50,000 hours
- Installation Options: Recessed
- Dimmable: 0-10V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
LMR22	40W	4,245	3500K / 4000K / 5000K	120-277V	23.8" × 23.8" × 2.7" in
LMR24	50W	5,300	3500K / 4000K / 5000K	120-277V	47.8" × 23.8" × 2.7" in

Nominal Lumens are based on 4000K / 5000K*

LMT SERIES

2x2

2x4

Specifications:

- Equipped with high grade Poly methyl methacrylate (PMMA) diffuser, will not yellow over time.
- Voltage 120-277V.
- Lumen output 2x2: (27W) 2,988 / (40W) 4,650lm
- Lumen output 2x4: (40W) 4,407 / (65W) 7,228lm
- Efficacy from 106-118lm/W.
- CRI: Ra>80
- CCT Options: 3000K, 3500K, 4000K, 5000K
- Input Voltage: 120-277 VAC
- Input current: 0.4 - 0.16A
- THD:<20%
- Installation Options: Recessed
- Dimmable: 0-10V

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
LMT22	27W	2,988	3500K / 4000K / 5000K	120-277V	23.8 x 23.8 x 3.94 in
LMT22	40W	4,650	3500K / 4000K / 5000K	120-277V	23.8 x 23.8 x 3.94 in
LMT24	40W	4,407	3000K / 4000K / 5000K	120-277V	47.7 x 23.8 x 3.94 in
LMT24	65W	7,228	3000K / 4000K / 5000K	120-277V	47.7 x 23.8 x 3.94 in

Nominal Lumens are based on 4000K / 5000K*

LMZ SERIES
INDIRECT LED TROFFER / SELECTABLE WATTAGE

Product Description:

Our innovative Selectable Watts LED Troffers are the energy efficient replacement for a 2x2 or 2x4 fluorescent light. Its selectable wattage feature enables you to pick the desired power consumption, which allows for further energy conservation. This innovative beautiful luminaire combines brilliant aesthetics with perfect uniformity of light . Ideal for use in classrooms, retail space, offices, healthcare facilities, and many other industrial and commercial applications. Included is a UL Recognized constant current driver with 0-10V dimming and step dimming capabilities.

The optics create the illusion of the light floating in mid-air.
No visible diodes or glare.

Specifications:

- Selectable Wattage
- CRI: 80
- Voltage 120-277V.
- Lumen output from 3,100 -5,000lm
- Efficacy from 100lm/W.
- Power Factor: >0.9
- Working Current: 0.5A
- Lifespan: 50,000 hours
- Increase energy saving with 0-10V dimming.
- No visible diodes or glare.
- Operating temperature is -4ºF to 113ºF
- UL Listed
- Mounting: Recessed / Lay in.

2x2

Model No.	LMZ-22		
Selectable Wattage:	30W	35W	40W
Lumens:	3,100	3,675	3,800
CCT:	3500K	4000K	5000K
Dimensions:	23.7 x 23.7 x 3.54 in		

Nominal Lumens are based on 4000K / 5000K*

2x4

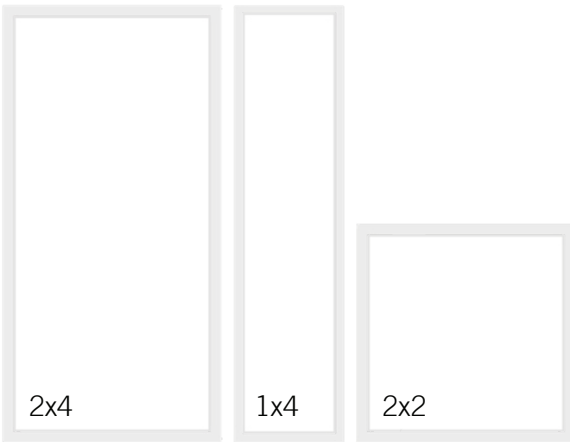| Model No.	LMZ-24		
Selectable Wattage:	30W	40W	50W
Lumens:	3,150	4,200	5,000
CCT:	3500K	4000K	5000K
Dimensions:	47.7 x 23.7 x 3.54 in		

Nominal Lumens are based on 4000K / 5000K*

JFPTS SERIES

TRUE SURFACE MOUNT PANELS

Specifications:

- Equipped with high grade PMMA diffuser, will not yellow over time.
- Voltage 120-277V.
- Lumen output from 4,403 - 5,700lm
- Efficacy from 110 - 114lm/W.
- Power Factor: >0.9
- Working Current: 0.5A
- Lifespan: 50,000 hours
- Increase energy saving with 0-10V dimming.
- Operating temperature is -4ºF to 113ºF
- UL Listed
- Mounting: Surface mount, or lay-in.

2x4   1x4   2x2

Model No.	WATTAGE	LUMENS	COLOR TEMP.	VOLTAGE	DIMENSIONS
JFPTS14	40W	4,403	3500K / 4000K / 5000K	120-277V	47.7 x 11.70 x 1.09 in
JFPTS22	40W	4,506	3500K / 4000K / 5000K	120-277V	23.74 x 23.74 x 1.09 in
JFPTS24	50W	5,700	3500K / 4000K / 5000K	120-277V	47.7 x 23.74 x 1.09 in

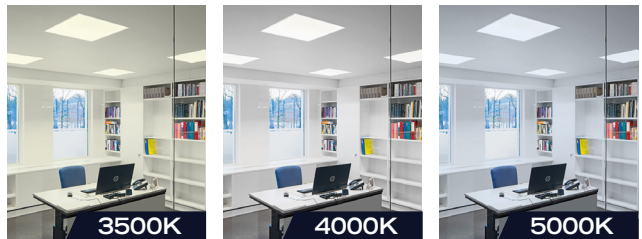Nominal Lumens are based on 4000K / 5000K*

TWC SERIES

Selectable Color Temperature & Wattage

Luminoso's selectable color temperature & wattage LED panels are designed for long life and low maintenance. Our luminaires are designed to easily upgrade existing fluorescent fixtures and be more versatile than other LED panels. Each fixture is capable of changing CCT and wattages with a flip of a switch. The CCT and Wattage Selection method allows for a cost effective method to reduce stocking inventory by 66%.

CCT SELECTABLE POWER

Specifications:

- Selectable color temperature and wattage, with dip switch directly on the fixture.
- Selectable Kelvins, 3500K, 4000K & 5000K
- Non-flicker, no glare, no hot spots
- Efficiency up to 105lm/W
- Power Factor: >0.9
- LGP 3mm thick lens, up to 95% efficiency
- White anodized aluminum frame for best appearance and heat dissipation.
- Increase energy saving with 0-10V dimming.
- 5 Year Warranty

3500K   4000K   5000K

1x4

2x2

2x4

RoHS COMPLIANT · 50,000 Hours · 80 CRI · 5 YEAR LIMITED WARRANTY · ETL INTERTEK LISTED

Model No.	TWC14				
Selectable Wattage:	20W	25W	30W	35W	40W
Lumens:	2,100	2,625	3,150	3,675	4,200
Selectable CCT:	3500K ▶▶ 4000K ▶▶ 5000K				
Dimensions:	47.2 x 11.8 x 1.8 in				

Nominal Lumens are based on 4000K / 5000K*

Model No.	TWC22				
Selectable Wattage:	20W	25W	30W	35W	40W
Lumens:	2,100	2,625	3,150	3,675	4,200
Selectable CCT:	3500K ▶▶ 4000K ▶▶ 5000K				
Dimensions:	23.4 x 23.4 x 1.8 in				

Nominal Lumens are based on 4000K / 5000K*

Model No.	TWC24				
Selectable Wattage:	20W	25W	30W	35W	40W
Lumens:	3,150	3,675	4,200	4,725	5,250
Selectable CCT:	3500K ▶▶ 4000K ▶▶ 5000K				
Dimensions:	47.2 x 23.4 x 1.8 in				

Nominal Lumens are based on 4000K / 5000K*

EBS SERIES

Our Dual Selectable Backlit Panels are commercial luminaires that utilizes advanced driver technology to provide an all in one luminaire, providing 3 wattages and 3 CCT options in each size panel. This provides superior lighting performance while minimizing inventory by reducing the amount of stocking SKUs. They achieve high uniformity, DLC PREMIUM energy efficiency and reduced glare in typical T-bar grid ceiling applications.

CCT SELECTABLE POWER

2x4   1x4   2x2
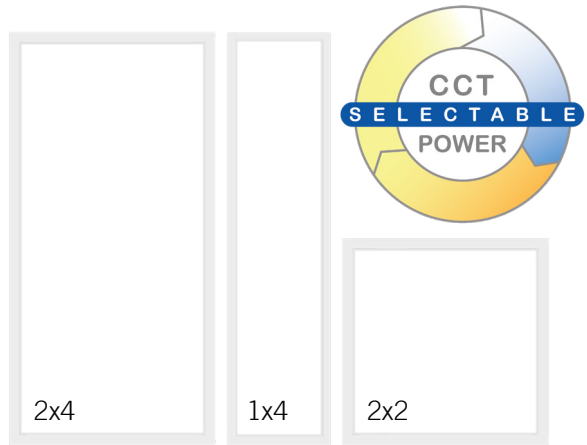
Specifications:

Construction
- Aluminum frame in white finish, steel die-formed back enclosure

Optics
- PMMA lenses over LEDs, PS diffuser
- SDCM < 5
- UGR < 22
- 120º Beam angle

Electrical
- 0-10VDC Dimming (10%-100%)

Certifications
- UL Listed for Damp Locations
- IC Rated for insulated ceilings
- RoHS, FCC

Warranty
- 5 Years

CCT Selectable

Wattage Selectable
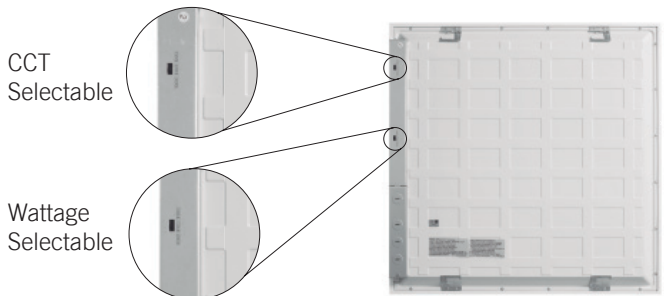
Driver terminal box with knockouts, makes for easier installation.

RoHS COMPLIANT   DAMP Rated   50,000 Hours   80 CRI   LIMITED WARRANTY 5 YEAR   UL CERTIFIED   DLC OPL LISTED PREMIUM

Model No.	EBS24			EBS22			EBS14		
Selectable Wattage	30W ▶	40W ▶	45W	20W ▶	30W ▶	36W	20W ▶	30W ▶	40W
Lumens	3,825	5,100	5,738	2,550	3,825	4,590	2,550	3,825	5,100
Selectable CCT			3500K ▶	4000K ▶	5000K				
Dimensions	47.8 x 23.7 x 1.6 in			23.7 x 23.7 x 1.6 in			47.8 x 11.9 x 1.6 in		

Nominal Lumens are based on 4000K / 5000K*

UDFP Series
Up-Down Linear Suspension

54W

40W

80W

RoHS COMPLIANT

DAMP Rated

50,000 Hours

LIMITED WARRANTY 5 YEAR

ETL INTERTEK LISTED
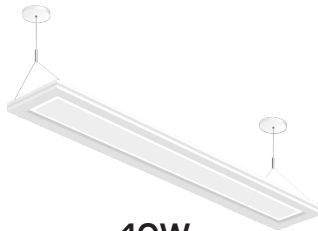
Example: UDFP-23-40W-40K-E-Y

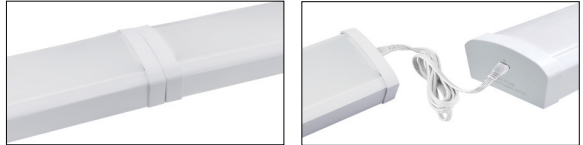| Series 120-277V	Dimensions (L x W)	Wattage	CCT	Lumens	Finish
UDFP	8 in x 4 ft	40W	3000K 4000K 5000K	4,200	White
	1 x 4 FT	54W		5,670	
	8 in x 8 ft	80W		8,400	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

LLS Series

Specifications:

- Available for 4FT and 8FT as per applications
- Surface mounting or Chain mounting for different applications
- Optional Motion Sensor and Emergency Battery support
- Voltage 120-277V
- Standard 0-10V dimming available
- Projected life span of 50,000 hrs
- Comparable to 2-lamp 32W T8 or 28W T5
- Operating temperature is -20ºF to 122ºF
- UL Listed
- 5 Year Warranty

Motion Sensor Option available
(On/Off)

Linear Fixture

Series 120-277V	Wattage	CCT	Lumens	Dimensions (L x W x H)	Finish
	30W		3,900	48 x 2.8 x 3.7 in	
	45W	3000K	5,850		White
	60W	4000K	7,800	95.9 x 2.8 x 3.7 in	
LLS	80W	5000K	10,500		

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Product Description:

The WLA Series are high quality and economical direct contact luminaires powered by LED lighting technology which offers high return on initial investment over the life time of the fixture. An excellent highly efficient fixture ideal for office spaces, schools, hospitals, and many other indoor applications.
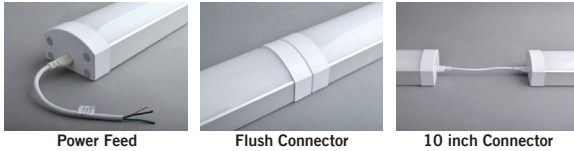
Includes flush connector and 5' linking cable
Link up to 8 fixtures max

Wraparound

Series 120-277V	Wattage	CCT	Lumens	Dimensions (L x W x H)	Finish
WLA	48W	3000K 4000K 5000K	4,000	48 x 5.5 x 1.6 in	White

Includes:

Power Feed   Flush Connector   10 inch Connector

Linear Fixture

Series 120-277V	Wattage	CCT	Lumens	Dimensions (L x W x H)	Finish
VPI	40W 50W 60W	3000K 4000K 5000K	4,560 5,700 6,800	47 x 4.1 x 2.5 in	White

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

SCOV

COV

DCOV

Example: COV3-14-13W-30K-J-Y-FR

Series 120-277V	Model	Wattage	CCT	Lumens	Dimensions
	SCOV2-14-7W-XX-J-FR	7W		840	24 x 1.1 x 1.5 inch
	SCOV3-14-12W-XX-J-FR	12W		1,440	36 x 1.1 x 1.5 inch
	SCOV4-14-15W-XX-J-FR	15W		1,900	48 x 1.1 x 1.5 inch
	COV2-14-9W-XX-J-FR	9W	3000K	990	23 x 1.5 x 1.6 inch
	COV3-14-13W-XX-J-FR	13W	4000K	1,430	35 x 1.5 x 1.6 inch
	COV4-14-18W-XX-J-FR	18W	5000K	1,980	47 x 1.5 x 1.6 inch
	DCOV2-14-15W-XX-J-FR	15W		1,650	22 x 1.6 x 1.4 inch
	DCOV3-14-25W-XX-J-FR	25W		2,750	34 x 1.6 x 1.4 inch
	DCOV4-14-30W-XX-J-FR	30W		3,300	46 x 1.6 x 1.4 inch

Standard Accessories:

LINKABLE

POWER CORD

12, 36, 72, 144, 240 inch

CONNECTION LINK

6, 12, 15, 20, 36, 60, 72 inch

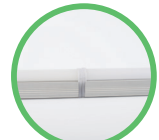**CONNECTOR**

MOUNTING CLIPS

SCREWS

END CAPS

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

15 DOWNLIGHTS

The Luminoso 2 inch dedicated LED housings are designed for new construction, and remodel applications. The IC-Rated housing is suitable for direct contact with insulation. The air tight construction reduces energy costs by preventing air flow between occupied conditioned spaces and unvented areas. The Luminoso LED 2 inch housing and trim combination are standard with 0-10V (120-277V) and TRIAC (120V housing) dimming.

DAMP Rated

UL CERTIFIED

1   CHOOSE LED HOUSING

120-277V		Y=120-277V (0-10V Dimming)
DLH 2TD R 23 Y	**:**	Remodel NON-IC
DLH 2TD N 23 Y A	**:**	New Construction NON-IC
DLH 2TD N 23 Y ICA **:**		New Construction IC-Rated

120V		Z=120V (120V TRIAC Dimming)
DLH 2TD R 23 Z	**:**	Remodel NON-IC
DLH 2TD N 23 Z ICA **:**		New Construction IC-Rated

RoHS COMPLIANT   **90 CRI**   **UL CERTIFIED**

2   CHOOSE 9 WATT LED TRIM

SQUARE SMOOTH	DL 2HD SS 23 9__K Y W
WET Rated 581-687Lm 3000L / 4000K / 5000K	

SQUARE GIMBAL	DL 2HD SG 23 9__K Y W
DAMP Rated 662-771Lm 3000L / 4000K / 5000K	

ROUND SMOOTH	DL 2HD RS 23 9__K Y W
WET Rated 600-700Lm 3000L / 4000K / 5000K	

ROUND GIMBAL	DL 2HD RG 23 9__K Y W
DAMP Rated 645-750Lm 3000L / 4000K / 5000K	

NOTE: 2 INCH Trims/modules require Dedicated Luminoso LED housings.

DL4-RSE   DL4-SSE   DL6-RSE   DL6-SSE

RoHS COMPLIANT   90 CRI   WET Rated   50,000 Hours   LIMITED WARRANTY 5 YEAR   UL CERTIFIED

Model No.	DL4-RSE	DL4-SSE	DL6-RSE	DL6-SSE
Power	11W		13W	16W
Lumens (3000K)	630	690	800	1,070
Lumens (4000K)	690	740	870	1,120
Lumens (5000K)	730	780	910	1,170
Voltage	120V			

Fits LUMINOSO 4" and 6" Dedicated LED housings, Shallow housings and most standard 4"/ 6" housings

DLE-4   DLE-6   ECONOMY   RoHS COMPLIANT   90 CRI   WET Rated   50,000 Hours   LIMITED WARRANTY 5 YEAR   ETL LISTED

Model No.	DLE-4	DLE-6
Power	10W	15W
Lumens (2700K)	600	900
Lumens (3000K)	610	920
Lumens (4000K)	630	960
Lumens (5000K)	640	970
Voltage	120V	

Our commercial downlight series makes it easy for conversion of existing downlights to energy efficient LED lighting. It provides an exceptional light output while retaining a minimalist architectural look. A quick and simple retrofit solution for replacing existing CFL, HID, or incandescent luminaires without removing the existing frame. A frame-kit is available for new construction applications, and emergency battery backup option.

DAMP Rated

UL CERTIFIED

1   CHOOSE LED HOUSING

Rated for direct contact w/ insulation / **Y=120-277V**

4 inch Housings		120-277V (120V TRIAC Dimming)
DLH 4 R 23 Y ICA	**:**	Remodel IC-Rated
DLH 4 N 23 Y ICA	**:**	New Construction IC-Rated

4 inch Shallow Housings		120-277V (120V TRIAC Dimming)
DLH 4 R SH 23 Y ICA	**:**	Remodel Shallow IC-Rated
DLH 4 N SH 23 Y ICA	**:**	New Construction Shallow IC-Rated

120-277V   **RoHS COMPLIANT**   **90 CRI**   **UL CERTIFIED**

2   CHOOSE 4 INCH LED TRIM

Fits LUMINOSO 4" dedicated LED housings, and most 4" E26 housings / **Y=120-277V (TRIAC Dimming 120V)**

(ROUND / BAFFLE)
DL 4 RB
11W: 700-780Lm
3000K / 4000K / 5000K
WET Rated

(ROUND / SMOOTH)
DL 4 RS
11W: 700-780Lm
3000K / 4000K / 5000K
WET Rated

(ROUND / GIMBAL)
DL 4 RG
9W: 610-710Lm
3000K / 4000K / 5000K
DAMP Rated

(SQUARE / BAFFLE)
DL 4 SB
11W: 680-720Lm
3000K / 4000K / 5000K
WET Rated

(SQUARE / SMOOTH)
DL 4 SS
11W: 680-720Lm
3000K / 4000K / 5000K
WET Rated
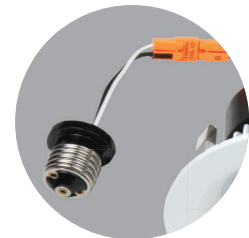
Included with 4 & 6 trims

1   CHOOSE LED HOUSING

DAMP Rated

UL CERTIFIED

Rated for direct contact w/ insulation / **Y=120-277V**

6 inch Housings		120-277V
DLH 6 R 23 Y ICA	**:**	Remodel IC-Rated
DLH 6 N 23 Y ICA	**:**	New Construction IC-Rated

6 inch Shallow Housings		120-277V
DLH 6 R SH 23 Y ICA	**:**	Remodel Shallow IC-Rated
DLH 6 N SH 23 Y ICA	**:**	New Construction Shallow IC-Rated

120-277V

RoHS COMPLIANT

90 CRI

UL CERTIFIED

2   CHOOSE 6 INCH LED TRIM

Fits LUMINOSO 6" dedicated LED housings, and most 6" E26 housings / **Y=120-277V (TRIAC Dimming 120V)**

(ROUND / BAFFLE)
DL 6 RB
11W / 13W / 16W
790Lm / 930Lm / 1,190Lm
2700K / 3000K / 4000K / 5000K

WET Rated

(ROUND / SMOOTH)
DL 6 RS
13W: 760-870Lm
2700K / 3000K / 4000K / 5000K

WET Rated

(ROUND / EYEBALL)
DL 6 RE
13W: 900-990Lm
3000K / 4000K / 5000K

DAMP Rated

(SQUARE / BAFFLE)
DL 6 SB
15W: 1,080-1,290Lm
2700K / 3000K / 4000K / 5000K

WET Rated

(SQUARE / SMOOTH)
DL 6 SS
15W: 1,080-1,290Lm
2700K / 3000K / 4000K / 5000K

WET Rated

(ROUND / GIMBAL)
DL 6 RG
13W: 1,010-1,080Lm
2700K / 3000K / 4000K

DAMP Rated

DAMP Rated

UL CERTIFIED

1   CHOOSE LED HOUSING

120V / GU10 Base

4 inch Housings		Non-IC 120V
DLH 4 R 03 Z	:	Remodel Non IC-Rated
DLH 4 N 03 Z	:	New Construction Non IC-Rated

4 inch Housings		IC-Rated 120V
DLH 4 N 03 Z	:	New Construction IC-Rated
		Rated for direct contact w/ insulation

DAMP Rated

UL CERTIFIED

2   CHOOSE 4 INCH LED TRIM

Fits most 4" GU10 and 4" Shallow housings

DLT 4 RM W
Round trim, white
White reflector
50W Max, 12V/120V MR16

DLT 4 RG W
Round gimbal trim,
White
50W Max, 12V/120V MR16

DLT 4 RT W
Round Adjustable trim,
White
50W Max, 12V/120V MR16

Compatible w/ MR16 lamps

GU10
TWIST LOCK

DLT 4 SB W
Square trim, white
Round baffle
50W Max, 12V/120V MR16

DLT 4 SM W
Square trim, white
Round clear reflector
50W Max, 12V/120V MR16
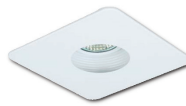
DLT 4 SP W
Square trim, white
Round pin hole
50W Max, 12V/120V MR16

DLT 4 SGR W
Square tgimbal trim
White
50W Max, 12V/120V MR16

DLT 4 SGS W ADJ
Square trim, white
Square gimbal
50W Max, 12V/120V MR16

DLT 4 SBD W DEEP
Square trim, white
Adjustable Deep baffle
50W Max, 12V/120V MR16

DLT 4 SGS W
Square gimbal trim,
White baffle
50W Max, 12V/120V MR16

(Contact factory for optional Electronic Low Voltage housing for use with GU5.3 MR16)

1   CHOOSE LED HOUSING

DAMP Rated
UL CERTIFIED

120V / E26 Base

6 inch Housings		120V
DLH 6 R 04 Z ICA	**:**	Remodel IC-Rated
DLH 6 N 04 Z ICA	**:**	New Construction IC-Rated

6 inch Shallow Housings		120V
DLH 6 R SH 04 Z ICA	**:**	Remodel Shallow IC-Rated
DLH 6 N SH 04 Z ICA	**:**	New Construction Shallow IC-Rated

2   CHOOSE 6 INCH LED TRIM

DAMP Rated
UL CERTIFIED

Fits most 6" E26 base Housings, and 6" Shallow housings

DLT 6 RA W 19
White Round trim
White reflector
60W Max, A19
4 ⅝"
7"
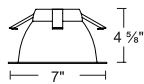
DLT 6 RA W 30
White Round trim
White reflector
75W Max, R/PAR30
2 ¾"
7"
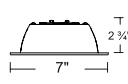
DLT 6 RA W 38
White Round trim
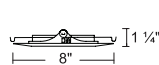White reflector
150W Max, R/PAR38
2 ½"
7"
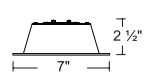
DLT 6 RCB W 30
White Round trim
White cone baffle
150W Max, R/PAR30
5 ½"
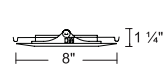7 ⅜"
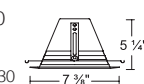
DLT 6 RB W 30
White Round trim
White baffle
150W Max, R/PAR30
2 ½"
7"
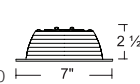
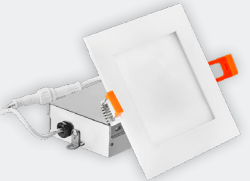**DLT 6 RG W 30**
White Gimbal trim
75W Max, PAR30
1 ¼"
8"
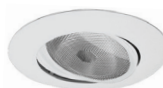
DLT 6 RG W 38
White Gimbal trim
150W Max, PAR38
1 ¼"
8"

4" & 6" LED Downlight Panels, consists of one trim of die-cast body and J-Box with driver. No housing is needed and installation is easy and fast.

120-277V | RoHS COMPLIANT | 90 CRI | WET Rated | 50,000 Hours | 5 YEAR LIMITED WARRANTY | UL CERTIFIED

Series 120-277V	Wattage	CCT	Lumens	Dimensions (W)	Finish
DL RP4	10W	3000K 4000K 5000K	470 530 480	4 inch	White
DL RP6	15W	3000K 4000K 5000K	850 990 840	6 inch	

Series 120-277V	Wattage	CCT	Lumens	Dimensions (W)	Finish
DL SP4	10W	3000K 4000K 5000K	530 540 660	4 inch	White
DL SP6	15W	3000K 4000K 5000K	1,030 1,112 1,024	6 inch	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

2700K 3000K 3500K 4000K 5000K

TWSP &TWRP Series

The 4 and 6 inch downlight panels feature a selectable color temperature switch to accomodate nearly any application. Our low profile design make it easy for mounting in confined ceilings or narrow spaces. Rated for IC and damp locations, this easy-to-install fixture does not require a separate housing as it can be mounted directly into the ceiling.

CCT SELECTABLE

27K 50K

RoHS COMPLIANT · 90 CRI · WET Rated · 50,000 Hours · LIMITED WARRANTY 5 YEAR · INTERTEK ETL LISTED

Series TWSP	Size	Wattage	CCT SELECTABLE	Lumens	Dimensions (W)	Finish
	4 inch	10W	2700K 3000K 3500K 4000K 5000K	890	4 inch	White
	6 inch	15W		1,500	6 inch	

Series TWRP	Size	Wattage	CCT SELECTABLE	Lumens	Dimensions (W)	Finish
	4 inch	9W	2700K 3000K 3500K 4000K 5000K	580	4 inch	White
	6 inch	12W		900	6 inch	

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Description:

6" surface mount/recessed LED trim, is compatible with most 5 & 6" standard recessed new construction and remodel housings. Universal mounting hardware allows mounting to all standard junction boxes. Optional Recessed Housing Adapter available.
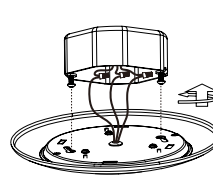
Specifications:

- Protected LED driver performs at 120V.
- Dimming down to 5% with most TRIAC dimmers.
- CCT: 2700K, 3000K, 4000K, 5000K available
- Operating Temperature: -15ºF to 104ºF
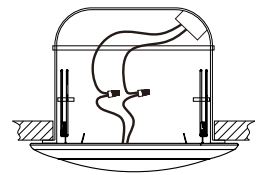- Long life LED chips guaranteed up to 50,000 hours.

DL 6 RD 15W

J-Box Flush Mount Installation

Fits most standard 5 & 6 inch housings

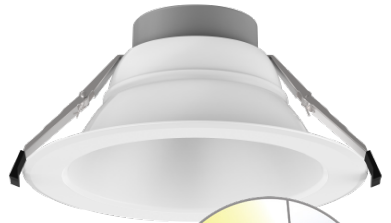| CCT	Lumens	Watts	CRI	Input Voltage
2700K	900			
3000K	930	15W	90	120V
4000K	980			
5000K	1,000			

4 INCH RECESSED / SURFACE DOME LIGHT (120-277V)	5 & 6 INCH RECESSED / SURFACE DOME LIGHT (120-277V)

DL 4 RD

10W : 870 - 920Lm
3000K / 4000K

J-Box Flush Mount Installation

Fits most standard 4 inch housings

DL 6 RD

12W : 1,040 - 1,150Lm
3000K / 4000K

J-Box Flush Mount Installation

Fits most standard 5 & 6 inch housings

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

Description:

The WCSD LED Commercial down lights features a selectable color temperature and wattage dip switch to accommodate nearly any application. The WCSD series with integrated driver, retrofits existing commercial housings and is field accessible from below the ceiling. Self-flanged spun aluminum reflector with frosted lens to shield direct view from LEDs.
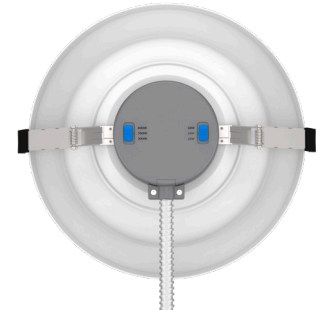

120-277V RoHS COMPLIANT WET Rated 50,000 Hours LIMITED WARRANTY 5 YEAR INTERTEK ETL LISTED

CCT SELECTABLE POWER

WCSD-4 120-277V	Selectable CCT	Selectable Wattage		
		6W ▶▶	8W ▶▶	12W
	3000K			
	3500K	570lm	740lm	1,000lm
	4000K			

WCSD-6 120-277V	Selectable CCT	Selectable Wattage		
		8W ▶▶	12W ▶▶	16W
	3000K			
	3500K	790lm	1,100lm	1,420lm
	4000K			

WCSD-8 120-277V	Selectable CCT	Selectable Wattage		
		12W ▶▶	16W ▶▶	22W
	3000K			
	3500K	1,280lm	1,680lm	2,350lm
	4000K			

WCSD-10 120-277V	Selectable CCT	Selectable Wattage		
		22W ▶▶	28W ▶▶	33W
	3000K			
	3500K	2,150lm	2,726lm	3,184lm
	4000K			

3 set dip switch for CCT and Wattage

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
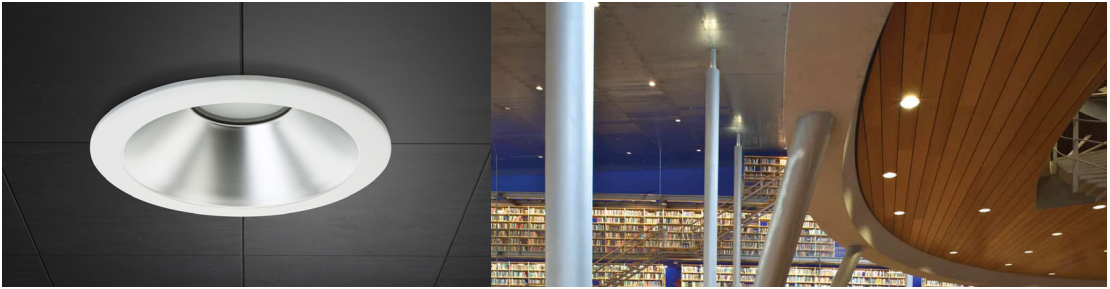
The TCDE commercial downlight system of modular LED light engines can be integrated with our dedicated trim options that mount the LED unit in place. The TCDE most notable feature is the ability to select color temperature with a switch to accommodate nearly any application. The TCDE-40 has the option of selecting both color temperature and wattage. They are both the ideal product for energy efficient lighting in Non-IC New Construction or retrofit commercial applications. Our dedicated Downlight Trims are available in **4, 6, 8, and 10 inch**. Select from various trim styles such as square and round shape, or wall wash / slopped. Trims install securely and easily into drywall and other surface materials using spring loaded retaining clips.

1 Choose LED Engine   **2** Choose your trim

LED Engine

+

Trim
Available in
4,6,8, and 10 inch

=

Round   **Round Wall Wash**

Square   **Square Wall Wash**

RoHS COMPLIANT   35,000 Hours   80 CRI   LIMITED WARRANTY 5 YEAR   DAMP Rated   UL CERTIFIED

TCDE-40	Selectable	Selectable Wattage		
(Engine & Driver) 120-277V	CCT	27W ▷▷	34W ▷▷	40W
	3000K	2,295lm	2,720lm	3,000lm
	3500K	2,700lm	3,230lm	3,600lm
	4000K	2,430lm	2,890lm	3,200lm

35K / 30K / 40K
CCT
SELECTABLE
POWER
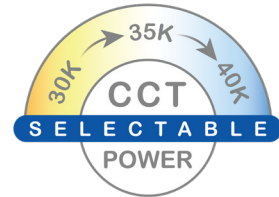
TCDE	Selectable	Wattage		
(Engine & Driver) 120-277V	CCT	10W ▷▷	15W ▷▷	20W
	3000K	988	2,390	3,454
	4000K	1,012	2,471	3,587
	5000K	1,048	2,519	3,674

30K / 50K
CCT
SELECTABLE

Our commercial downlights makes it easy to convert existing downlights to energy efficient LED lighting. It provides an exceptional light output while maintaining a architectural look. It is also quick and simple solution for replacing existing CFL, and HID, or incandescent luminaires without removing the existing frame. A frame kit is available for new construction applications, and emergency battery back-up available.

1 **Choose LED Engine** (For 6, 7, 8, and 10 inch ONLY)

DAMP Rated   **UL CERTIFIED**

Example: CDE-27W-40K-Y

CDE	CCT	Wattage			
(Engine & Driver) 120-277V		18W	27W	40W	54W
	3000K	988	2,390	3,454	4,500
	4000K	1,012	2,471	3,587	4,698
	5000K	1,048	2,519	3,674	4,705

Nominal Lumens are based on 4000K / 5000K*

2 **Choose Reflector**

Example: CDR-6

CDR 6,7,8, & 10in Reflector	
	CDR-6
	CDR-7
	CDR-8
	CDR-10

DAMP Rated   **UL CERTIFIED**

Example: CDL4-19-27W-40K-0-Y

CDL4 4in Reflector	CCT	Wattage	
(Engine & Driver) 120-277V		14W	27W
	3000K	988	2,390
	4000K	1,012	2,471
	5000K	1,048	2,519

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.
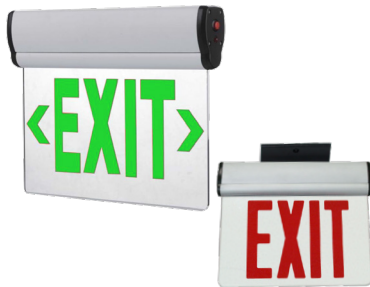
Nominal Lumens are based on 4000K / 5000K*

DAMP Rated   **UL CERTIFIED**

CDLH New Construction Housing 120-277V	
	CDLH-4
	CDLH-6
	CDLH-7
	CDLH-8
	CDLH-10

16 EXIT SIGNS & EMERGENCY LED LIGHTS

Series	Features
LE-CXPL-U1-RW-N-2SA **LE-CXPL-U1-GW-N-2SA**	Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall and ceiling mounting • Input Voltage: 120/277VAC 60Hz • LED 2x 1W • 3.6V 300mAh Nickel-Cadmium battery, light last more than 90 minutes after power failure. **RW=Red Letters** **GW=Green Letters**
LE-XPL-U12-RW-N **LE-XPL-U12-GW-N**	• Exit Plastic (ABS housing) • Wall and ceiling mounting • Input Voltage: 120/277VAC 60HZ • Nicad Battery **RW=Red Letters** **GW=Green Letters**
LE-XEL-U1-RM-N **LE-XEL-U1-GM-N** (U1=Single Face) **LE-XEL-U2-RM-N** **LE-XEL-U2-GM-N** (U2=Double Face)	• Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall, side, and ceiling mounting • Input Voltage: 120/277VAC 60Hz • LED 2W • 3.6V 300mAh Nickel-Cadmium battery, light last more than 90 minutes after power failure. • The Single and Double face utilizes factory installed silver mylar background panel. **RM=Red Letters** **GM=Green Letters**
LE-CXPL-U1-RW-N-LB **LE-CXPL-U1-GW-N-LB**	• Exit Light Bar (ABS housing) • Wall and ceiling mounting • Input Voltage: 120/277VAC 60HZ • Nicad Battery **RW=Red Letters** **GW=Green Letters**

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

RoHS COMPLIANT   DAMP Rated   UL CERTIFIED

Series	Features
LE-SPL-2R-W-N	• Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall amount • Input Voltage: 120-277VAC 60Hz • Standard LED 2x 1.2W • Nickel Cadmium Battery • Test button and charge indicator light • Backup time: ≥90minutes
LE-SPL-2R-W-N-HO	• Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall mount • Input Voltage: 120/277VAC 60Hz • High Output LED 2x 2W • Nickel Cadmium Battery • Test button and charge indicator light • Backup time: ≥90minutes
LE-BPL-2S-W-N	• Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall mounting • Input Voltage: 120/277VAC 60Hz • Standard LED 2x 1.2W • Nickel Cadmium Battery • Test button and charge indicator light • Backup time: ≥90minutes
LE-WPL-2S-W-N-HO-SD	• Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall mounting • Input Voltage: 120/277VAC 60Hz • Standard LED 2x 2.4W • 3.6V Nickel Cadmium Battery • Test button and charge indicator light • Backup time: ≥90minutes
LE-WPL-2F-W-N	• Injection-molded thermoplastic ABS housing • UL-94V-0 flame rating, fire-retardant • Wall mounting • Input Voltage: 120/277VAC 60Hz • Super bright SMD LED 2x 2W • Nickel Cadmium Battery • Test button and charge indicator light • Backup time: ≥90minutes

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

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VISIONZ

Luminoso Product Flipbook

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