



LUXET
LIGHTING

**OUTDOOR
2019 CATALOG**

AREA & FLOOD



LXT MPRO

STANDARD



The LXT MPRO series is a group of premium architectural LED area luminaires designed to illuminate parking areas, pathways, building facades, loading docks, and a wide variety of other large, general site lighting applications. Multiple mounting options make the LXT MPRO a versatile luminaire for flood lighting, pole-, ground- and wall-mounted area lighting, and other outdoor lighting requirements.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 372,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Available models provide from 27,944 to 36,542 lumens, and from 117 to 131 lumens per watt (LPW).*
- IES roadway photometric distributions include types II-V.
- NEMA floodlight distributions include very narrow (3H x 3V), medium narrow (4H x 4V), medium wide (5H x 5V) & very wide (7H x 7V).
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Optional glare shields (full & half) & wire guards are available.
- Optional NEMA photocell installation kit provides watertight photocell attachment to driver enclosure clover.
- Die cast aluminum housing with durable, dark bronze powder coat finish—at least 2 mils thick on all surfaces—and a heat-resistant polycarbonate lens.
- Driver enclosure is sealed with a water-tight, silicon rubber gasket.
- Effective projected areas (EPA's) are:
 - Front = 0.33 square feet
 - Side = 0.49 square feet
 - Face = 2.14 square feet
- Easy installation in new construction or retrofit applications.

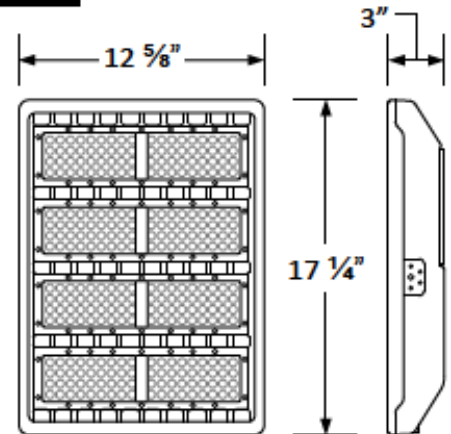
* Contact factory for other color temperatures and lumen packages.
 ** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -20°C to 45°C (-4°F to 113°F).
- IP66 rated for ingress protection.
- DLC premium approved.
- Flicker-free per IEEE1789-2015 (no observable adverse effects of flicker at 100% light output level).
- Rated for 3G vibration.
- Lens is IK 9 rated for protection from external impacts.
- Salt fog tested for 1,000 hours (ASTM B117). After salt fog testing, paint rated at 9 per ASTM D1654-05 scratch test.
- Complies with FCC Part 15, class B.
- Complies with EN61000-4-5, surge immunity protection (6kV).
- 5-year warranty of all electronics and housing.

DIMENSIONS



Weight: 11.7 lbs. (240W) & 11.9 lbs. (280W)

ORDERING INFORMATION

Example: LXT MPRO240-4K + LXT MPRO-YK-240/280 + LXT MPRO240/280-FGS + LXT MPRO240/280-WG

Model	Color Temperature	Mounting Brackets (Order Separately)	Shields, Wire Guards & NEMA Photocell Kit (Order Separately)
LXT MPRO240	4K = 4000k	LXT MPRO-YK-240/280= Yoke Mounting Bracket, 240-280W	LXT MPRO240/280-FGS = Full Glare Shield, 240-280W
LXT MPRO280	5K = 5000k	LXT MPRO-TR-80/280= Trunnion Mounting Bracket, 80-280W	LXT MPRO240/280-HGS = Half Glare Shield, 240-280W
		LXT MPRO-ARM-80/280= Arm Mounting Bracket, 80-280W	LXT MPRO240/280-WG = Wire Guard, 240-280W
		LXT MPRO-SF-80/280= Slip-Fitter Mounting Bracket, 80-280W	LXT MPRO-PCKIT-80/280 = NEMA Photocell Installation Kit, 80-280W

ELECTRICAL DATA

Model	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
IES Roadway Distributions⁵												
LXT MPRO240-4K-T2	4000k	> 80	30,714	239	128.5	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-T2	5000k	> 80	31,093	239	130.1	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-4K-T3	4000k	> 80	29,589	239	123.8	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-T3	5000k	> 80	29,926	239	125.2	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-4K-T4	4000k	> 80	30,439	239	127.4	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-T4	5000k	> 80	30,751	239	128.7	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-4K-T5	4000k	> 80	27,944	239	116.9	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-T5	5000k	> 80	28,410	239	118.9	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO280-4K-T2	4000k	> 80	35,139	279	125.9	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-T2	5000k	> 80	35,678	279	127.9	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-4K-T3	4000k	> 80	34,424	279	123.4	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-T3	5000k	> 80	34,907	279	125.1	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-4K-T4	4000k	> 80	35,243	279	126.3	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-T4	5000k	> 80	35,516	279	127.3	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-4K-T5	4000k	> 80	32,546	279	116.7	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-T5	5000k	> 80	32,956	279	118.1	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
NEMA Floodlight Distributions⁶												
LXT MPRO240-4K-VN	4000k	> 80	31,106	239	130.2	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-VN	5000k	> 80	31,357	239	131.2	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-4K-MN	4000k	> 80	31,071	239	130.0	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-MN	5000k	> 80	31,344	239	131.1	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-4K-MW	4000k	> 80	30,937	239	129.4	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-MW	5000k	> 80	31,243	239	130.7	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-4K-VW	4000k	> 80	27,944	239	116.9	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO240-5K-VW	5000k	> 80	28,410	239	118.9	120-277	1.99	1.00	0.86	> 90%	< 20%	372,000
LXT MPRO280-4K-VN	4000k	> 80	36,166	279	129.6	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-VN	5000k	> 80	36,542	279	131.0	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-4K-MN	4000k	> 80	36,016	279	129.1	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-MN	5000k	> 80	36,347	279	130.3	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-4K-MW	4000k	> 80	35,849	279	128.5	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-MW	5000k	> 80	36,224	279	129.8	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-4K-VW	4000k	> 80	32,546	279	116.7	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000
LXT MPRO280-5K-VW	5000k	> 80	32,956	279	118.1	120-277	2.33	1.16	1.01	> 90%	< 20%	372,000

¹ Color rendering index.

² All 50-60Hz.

³ Total harmonic distortion.

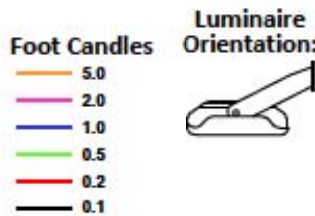
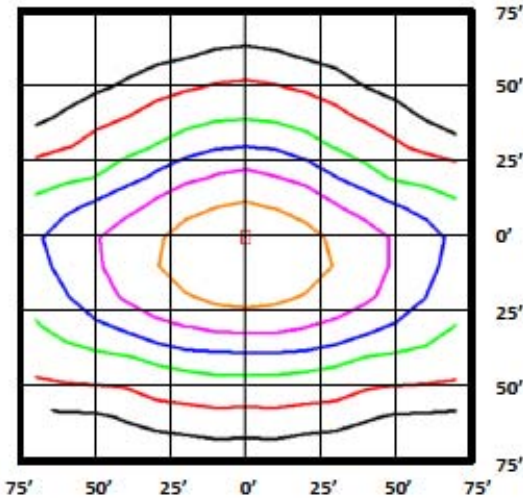
⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

⁵ T2 = type II, T3 = type III, T4 = type IV, and T5 = type V.

⁶ VN = very narrow, MN = medium narrow, MW = medium wide, and VW = very wide.

PHOTOMETRIC DATA – IES Roadway Distributions

LXT MPRO240-4K-T2 (30,714 Lumens, Type II Distribution)

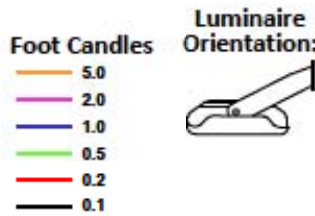
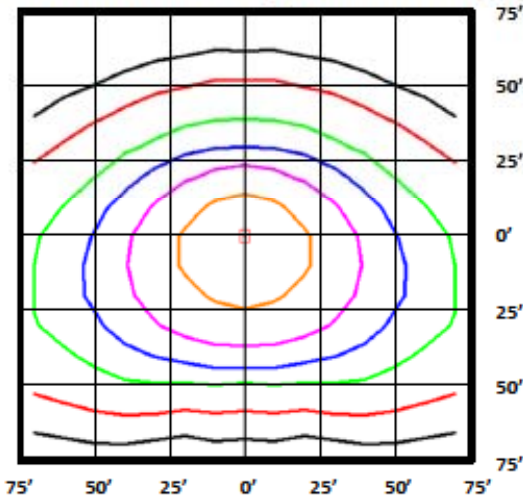


- Notes:**
- Isofootcandle plots depict initial footcandles at grade.
 - Gridlines represent units of mounting height of 25 feet.

BUG Rating: B4-U0-G4

Zone	Lumens	%
FL - Front - Low (0-30)	3,643	12%
FM - Front - Medium (30-60)	10,507	34%
FH - Front - High (60-80)	5,495	18%
FVH - Front - Very High (80-90)	419	1%
Total Forward Light	20,063	65%
BL - Back - Low (0-30)	2,421	8%
BM - Back - Medium (30-60)	5,020	16%
BH - Back - High (60-80)	2,955	10%
BVH - Back - Very High (80-90)	255	1%
Total Back Light	10,651	35%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	30,714	100%

LXT MPRO240-4K-T3 (29,589 Lumens, Type III Distribution)

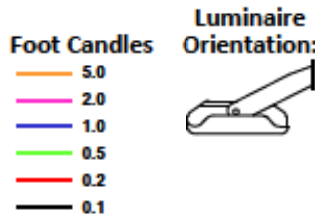
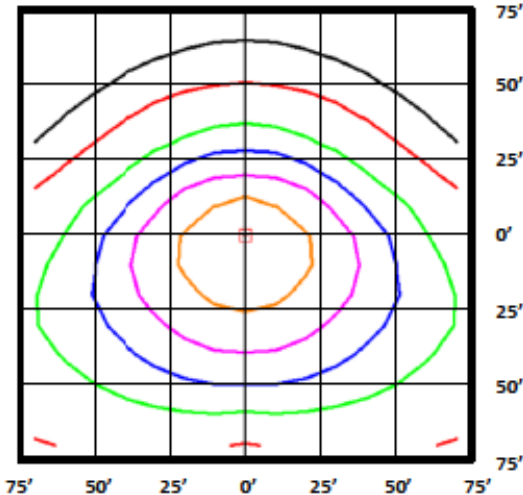


- Notes:**
- Isofootcandle plots depict initial footcandles at grade.
 - Gridlines represent units of mounting height of 25 feet.

BUG Rating: B4-U0-G4

Zone	Lumens	%
FL - Front - Low (0-30)	3,329	11%
FM - Front - Medium (30-60)	9,480	32%
FH - Front - High (60-80)	5,766	19%
FVH - Front - Very High (80-90)	460	2%
Total Forward Light	19,035	64%
BL - Back - Low (0-30)	2,613	9%
BM - Back - Medium (30-60)	5,147	17%
BH - Back - High (60-80)	2,613	9%
BVH - Back - Very High (80-90)	181	1%
Total Back Light	10,554	36%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	29,589	100%

LXT MPRO240-4K-T4 (30,439 Lumens, Type IV Distribution)



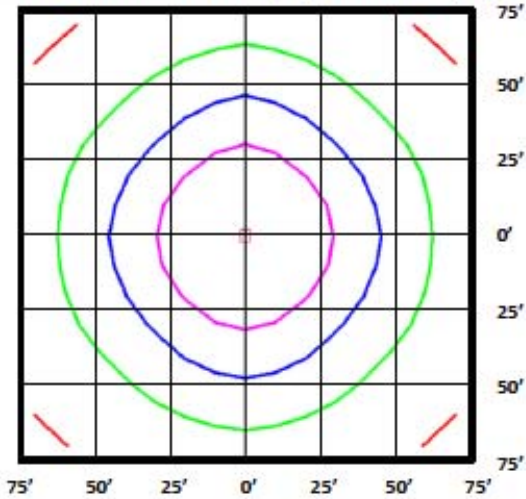
- Notes:**
- Isofootcandle plots depict initial footcandles at grade.
 - Gridlines represent units of mounting height of 25 feet.

BUG Rating: B2-U0-G3

Zone	Lumens	%
FL - Front - Low (0-30)	3,676	12%
FM - Front - Medium (30-60)	9,633	32%
FH - Front - High (60-80)	6,996	23%
FVH - Front - Very High (80-90)	937	3%
Total Forward Light	21,242	70%
BL - Back - Low (0-30)	2,566	8%
BM - Back - Medium (30-60)	4,215	14%
BH - Back - High (60-80)	2,185	7%
BVH - Back - Very High (80-90)	232	1%
Total Back Light	9,197	30%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	30,439	100%

PHOTOMETRIC DATA – IES Roadway Distributions (continued)

LXT MPRO240-4K-T5 (27,944 Lumens, Type V Distribution)



Foot Candles



Luminaire Orientation:



Notes:

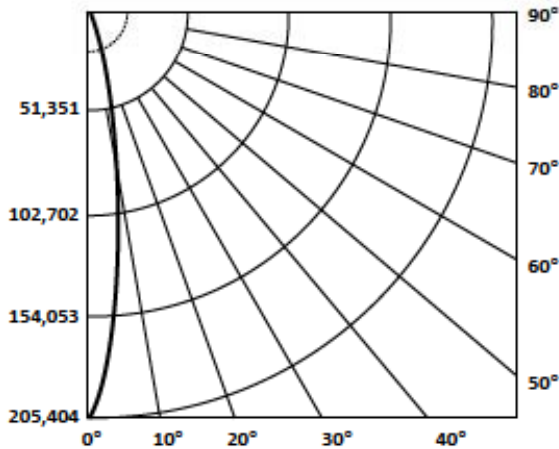
- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 25 feet.

BUG Rating: B3-U0-G3

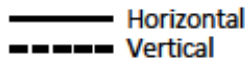
Zone	Lumens	%
FL - Front - Low (0-30)	1,381	5%
FM - Front - Medium (30-60)	5,510	20%
FH - Front - High (60-80)	6,265	22%
FVH - Front - Very High (80-90)	959	3%
Total Forward Light	14,115	51%
BL - Back - Low (0-30)	1,361	5%
BM - Back - Medium (30-60)	5,353	19%
BH - Back - High (60-80)	6,116	22%
BVH - Back - Very High (80-90)	999	4%
Total Back Light	13,829	49%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	27,944	100%

PHOTOMETRIC DATA – NEMA Floodlight Distributions

LXT MPRO240-4K-VN (31,106 Lumens, Very Narrow)



Maximum Candela = 205,404



NEMA Floodlight Data

Field Angles:

- Horizontal 36°
- Vertical 38°

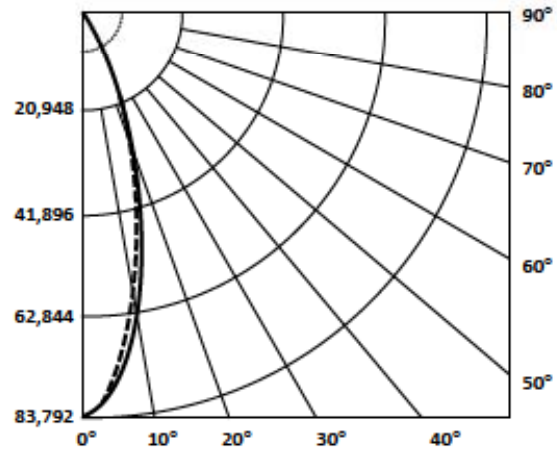
NEMA Type:

- Horizontal 3H
- Vertical 3V

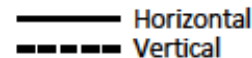
Luminaire Orientation:



LXT MPRO240-4K-MN (31,071 Lumens, Medium Narrow)



Maximum Candela = 83,792



NEMA Floodlight Data

Field Angles:

- Horizontal 55°
- Vertical 57°

NEMA Type:

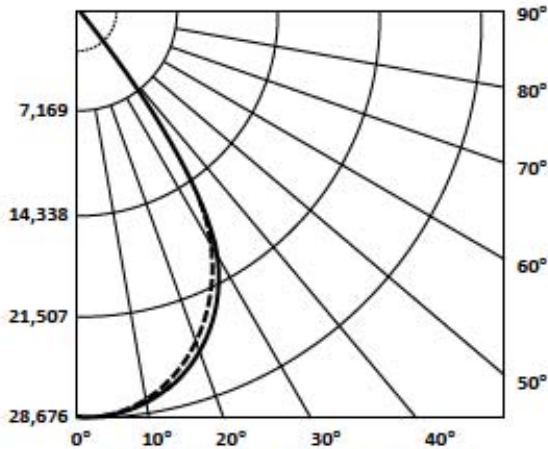
- Horizontal 4H
- Vertical 4V

Luminaire Orientation:



PHOTOMETRIC DATA – NEMA Floodlight Distributions

LXT MPRO240-4K-MW (30,937 Lumens, Medium Wide)



Maximum Candela = 28,676

— Horizontal
- - - Vertical

NEMA Floodlight Data

Field Angles:

- Horizontal 84°
- Vertical 84°

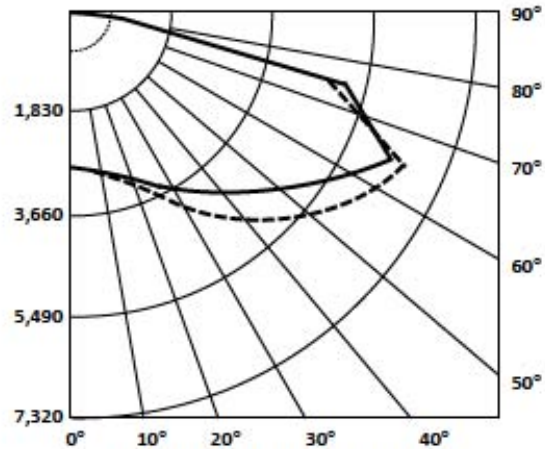
NEMA Type:

- Horizontal 5H
- Vertical 5V

Luminaire Orientation:



LXT MPR240-4K-VW (27,944 Lumens, Very Wide)



Maximum Candela = 7,320

— Horizontal
- - - Vertical

NEMA Floodlight Data

Field Angles:

- Horizontal 164°
- Vertical 173°

NEMA Type:

- Horizontal 7H
- Vertical 7V

Luminaire Orientation:



SHIELDS, WIRE GUARDS & NEMA PHOTOCELL INSTALLATION KIT



Full Shield
(LXT MPRO240/280-FGS)

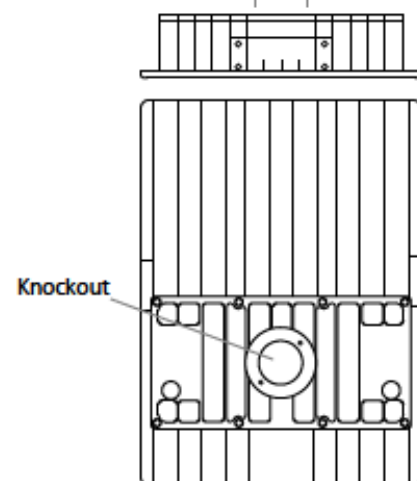
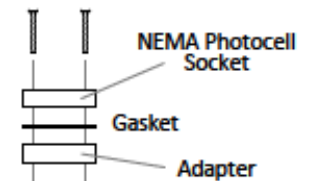


Half Shield
(LXT MPRO240/280-HGS)



Wire Guard
(LXT MPRO240/280-WG)

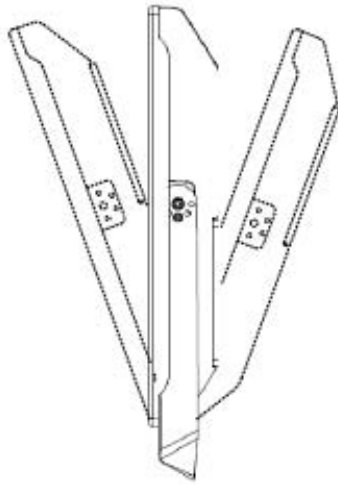
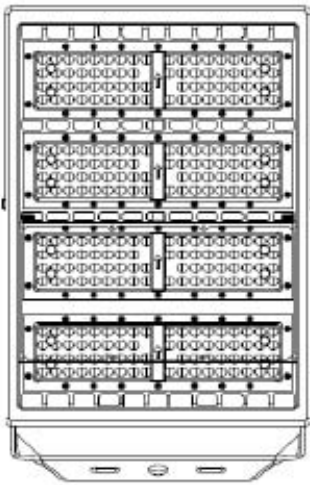
NEMA Photocell Installation Kit
(LXT MPRO-PCKIT-80/280)





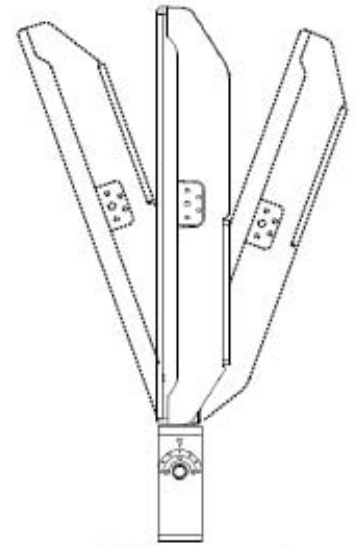
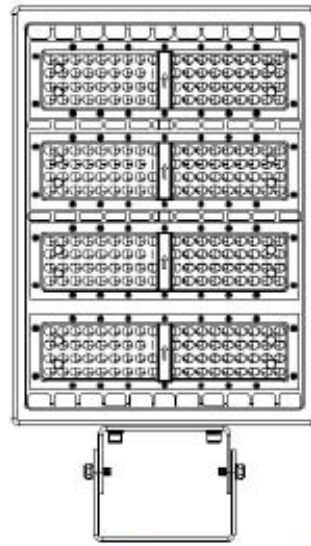
LUXET

MOUNTING ACCESSORIES



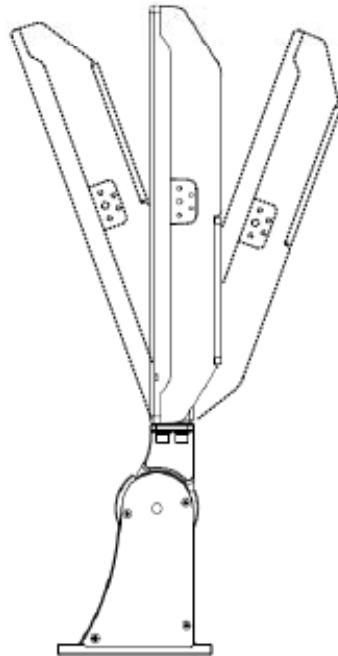
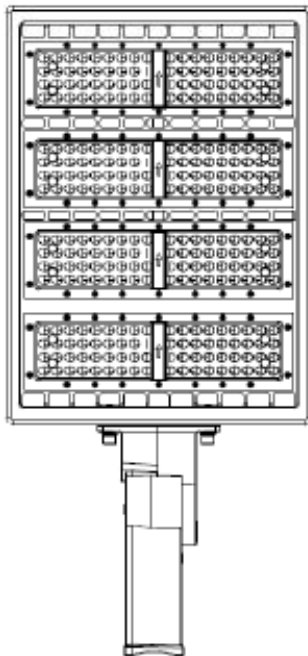
Yoke Mount

LXT MPRO-YK-240/280



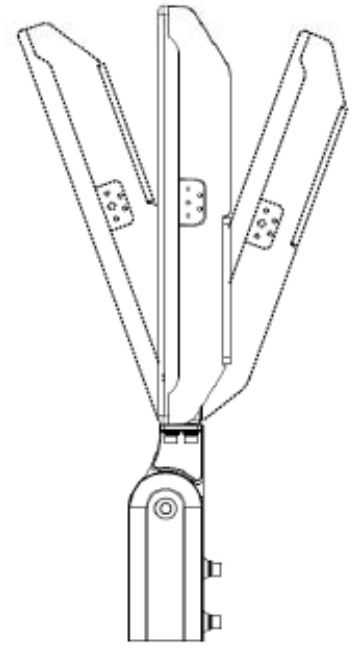
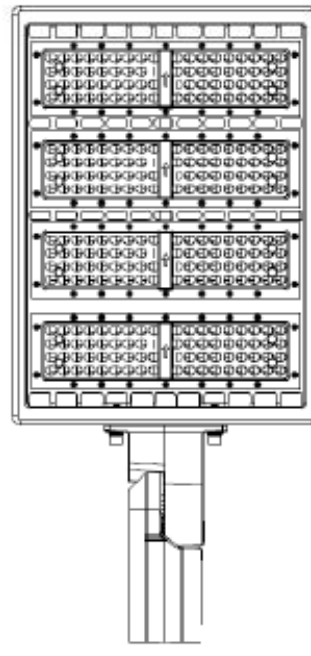
Trunnion Mount

LXT MPRO-TR-80/280



Adjustable Arm Mount

LXT MPRO-ARM-80/280



Slip-Fitter Mount

LXT MPRO-SF-80/280

All mounting accessories are adjustable up to 90° in both directions.



LUXET

LXT MPAL

SERIES

STANDARD



The LXTMPAL series is a group of architectural LED area luminaires designed to illuminate parking areas, pathways, building facades, loading docks, and a variety of other general site lighting applications. Multiple mounting options make the LXTMPAL a versatile luminaire for flood lighting, pole-, ground-, and wall-mounted area lighting, and other outdoor lighting requirements.

FEATURES

- 120-277V models available in 3000k (warm white), 4000K (neutral white) and 5000K (cool white). 277-480V models available in 4000K and 5000k.
- Long-life LEDs provide a minimum of 65,000 hours of operation with at least 70% of initial lumen output (L_{70}).
- Standard optic provides an IES roadway type V distribution, or a TV (vertical) x 7H (horizontal) NEMA floodlight distribution.
- Type III models (120-277V) deliver 11,423 lumens and 114 lumens per watt (LPW) at 3000k; 11,614 lumens and 116 LPW at 4000k; and 12,543 lumens and 125 LPW at 5000k.
- Type III models (277-480V) deliver 12,368 lumens and 124 LPW at both 4000k and 5000k.
- Type V models deliver (120-277V) 12,158 lumens and 122 LPW at 3000k; 12,105 lumens and 121 LPW at 4000k; and 12,353 lumens and 124 LPW at 5000k.
- Type V models (277-480V) deliver 12,354 lumens and 124 LPW at 4000k; and 12,507 lumens and 125 LPW at 5000k.
- Universal 120-277 or 277-480 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Optional glare shields (full and half) and wire guards are available.
- Die cast aluminum housing with durable, dark bronze powder coat finish, and a heat-resistant polycarbonate lens.
- Wireway enclosure is sealed with a water-tight, silicon rubber gasket.
- Effective projected areas (EPA's) are 0.38 square feet (sf, front); 0.30 sf (side) and 1.04 sf (front).
- Threaded receptacle (1/2" NPS) for photocell. Optional arms and slip-fitters provide additional photocell mounting options.
- Easy installation in new construction or retrofit applications.

* Contact factory for other color temperatures and lumen packages.

** L_{70} hours are IES TM-21-11 calculated hours.



Shown with standard trunnion mount



Shown with optional yoke mount

WARRANTY & LISTINGS

- cULus listed for wet locations (-30°C to 40°C / -22°F to 104°F).
- IP65 rated.
- DLC standard approved (except as noted below).
- Complies with FCC Part 15, Class B.
- Complies with EN61000-4-5, surge immunity (120-277V models protected to 4kV & 277-480V models protected to 2kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Trunnion mount is standard.
- Steel arm mount provides secure attachment to flat surfaces, or use the adaptor for round poles.
- Slip-fitter mount provides attachment to poles (2 3/8" O.D. tenon).
- Yoke mount luminaire models are available by special order.



Steel Arm Mount Option



Slip-Fitter Mount Option

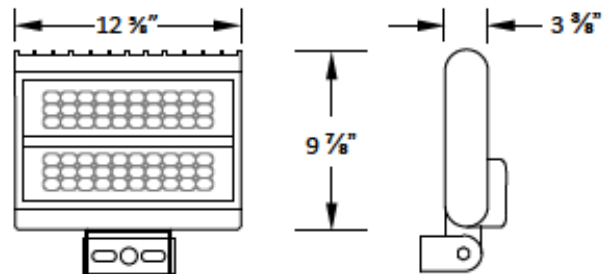


Yoke Mount Option



Round Pole Adaptor

DIMENSIONS



Weight: 9.6 lb.

ORDERING INFORMATION

Examples: (Slip-Fitter, Type III): LXTMPAL100-T-4K-T3 + LXTMPAL-SF-80/300
 (Yoke, Type V): LXTMPAL100-Y-4K (no options available)
 (Arm, NEMA 7H x 7V) LXTMPAL100-T-4K + LXTMPAL-A-80/300

Model	Mounting Type	Luminaire Watts	Input Voltage	Color Temperature	Distribution Type ²	Luminaire Lumens	Lumens / Watt	Options* (Order Separately)
LXTMPAL100	T = Trunnion ¹ Y = Yoke	100	120-277	3K = 3000k	T3 = Type III	11,423	114	LXTMPAL-SF-80/300 = Slip-Fitter Mount
			120-277	4K = 4000k	T3 = Type III	11,614	116	LXTMPAL-A-80/300 = Steel Arm Mount
			120-277	5K = 5000k	T3 = Type III	12,543	125	LXTMPAL-APA-80/300 = Round Pole Adaptor
			120-277	3K = 3000k	Type V	12,158	122	MPAL80/100/150-FGS = Full Glare Shield
			120-277	4K = 4000k	Type V	12,105	121	MPAL80/100/150-HGS = Half Glare Shield
			120-277	5K = 5000k	Type V	12,353	124	MPAL80/100/150-WG = Wire Guard
		277-480	4K = 4000k	T3 = Type III	12,368	124		
		277-480	5K = 5000k	T3 = Type III	12,368	124		
		277-480	4K = 4000k	Type V	12,354	124		
		277-480	5K = 5000k	Type V	12,507	125		

¹ Note: For Slip-Fitter or Steel Arm mounting, order a luminaire with the standard Trunnion mount installed (LXTMPAL100-T), and either the Slip-Fitter (LXTMPAL-SF-80/300) or Steel Arm (LXTMPAL-A-80/300). The Slip-Fitter and Steel Arm mounts are shipped in separate cartons than the luminaire, and are field-installed after removing the standard Trunnion mount.

² Note: Type V distribution is standard, and requires no order suffix (see example above). For NEMA flood 7H x 7V distributions, order the Type V option.

ELECTRICAL DATA

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXTMPAL100-3K-T3	3000k	> 80	11,423	100	114	120-277	0.83	0.42	0.36	> 90%	< 20%	69,000
LXTMPAL100-4K-T3	4000k	> 80	11,614	100	116	120-277	0.83	0.42	0.36	> 90%	< 20%	69,000
LXTMPAL100-5K-T3	5000k	> 80	12,543	100	125	120-277	0.83	0.42	0.36	> 90%	< 20%	69,000
LXTMPAL100-3K	3000k	> 80	12,158	100	122	120-277	0.83	0.42	0.36	> 90%	< 20%	69,000
LXTMPAL100-4K	4000k	> 80	12,105	100	121	120-277	0.83	0.42	0.36	> 90%	< 20%	69,000
LXTMPAL100-5K	5000k	> 80	12,353	100	124	120-277	0.83	0.42	0.36	> 90%	< 20%	69,000

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							277V	347V	480V			
LXTMPAL100-T-4K-T3-480V	4000k	> 80	12,368	100	124	277-480	0.36	0.29	0.21	> 90%	< 20%	65,000
LXTMPAL100-T-5K-T3-480V	5000k	> 80	12,368	100	124	277-480	0.36	0.29	0.21	> 90%	< 20%	65,000
LXTMPAL100-T-4K-480V	4000k	> 80	12,354	100	124	277-480	0.36	0.29	0.21	> 90%	< 20%	68,000
LXTMPAL100-T-5K-480V	5000k	> 80	12,507	100	125	277-480	0.36	0.29	0.21	> 90%	< 20%	68,000

¹ Color rendering index.

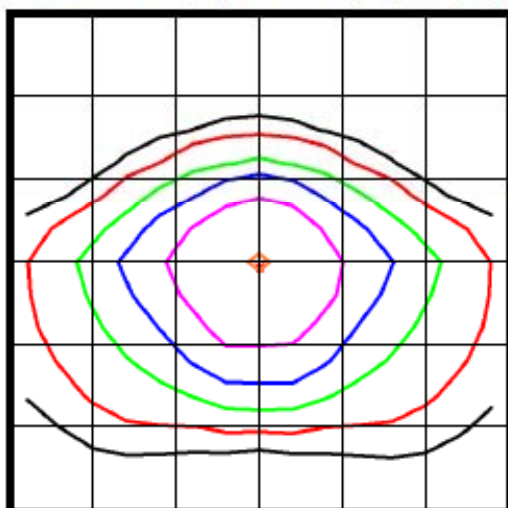
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LXTMPAL100-5K (12,543 Lumens, Type III [T3] Distribution)



Foot Candles



Luminaire Orientation:



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 25 feet.

BUG Rating: B3-U2-G2

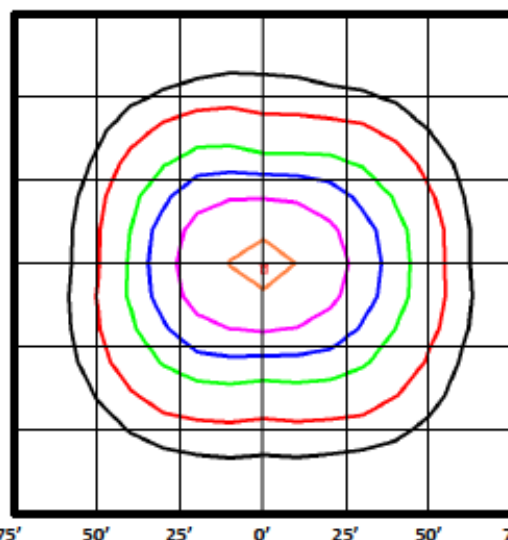
Zone	Lumens	%
FL - Front - Low (0-30)	1,430	11%
FM - Front - Medium (30-60)	4,156	33%
FH - Front - High (60-80)	2,064	16%
FVH - Front - Very High (80-90)	123	1%
Total Forward Light	7,772	62%

BL - Back - Low (0-30)	1,356	11%
BM - Back - Medium (30-60)	2,666	21%
BH - Back - High (60-80)	694	6%
BVH - Back - Very High (80-90)	28	0%
Total Back Light	4,744	38%

UL - Up Light - Low (90-100)	2	0%
UH - Up Light - High (100-180)	25	0%
Total Up Light	27	0%

Total Lumens 12,543 100%

LXTMPAL100-5K (12,353 Lumens, Type V Distribution)



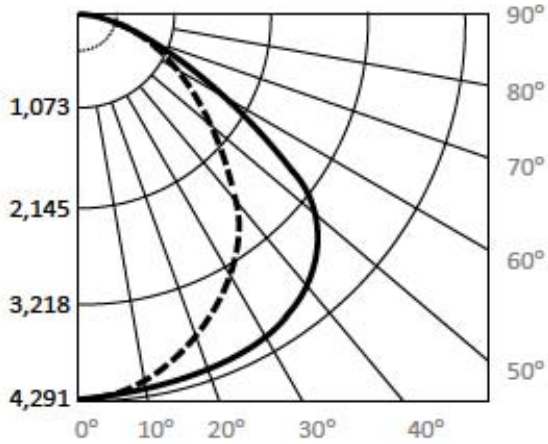
BUG Rating: B3-U2-G2

Zone	Lumens	%
FL - Front - Low (0-30)	1,625	13%
FM - Front - Medium (30-60)	3,439	28%
FH - Front - High (60-80)	1,162	9%
FVH - Front - Very High (80-90)	135	1%
Total Forward Light	6,362	52%

BL - Back - Low (0-30)	1,564	13%
BM - Back - Medium (30-60)	3,242	26%
BH - Back - High (60-80)	1,028	8%
BVH - Back - Very High (80-90)	127	1%
Total Back Light	5,962	48%

UL - Up Light - Low (90-100)	2	0%
UH - Up Light - High (100-180)	28	0%
Total Up Light	29	0%

Total Lumens 12,353 100%



Maximum Candela = 4,291

— Horizontal
 - - - Vertical

NEMA Floodlight Type Data

Field Angles:

- Horizontal 168°
- Vertical 160°

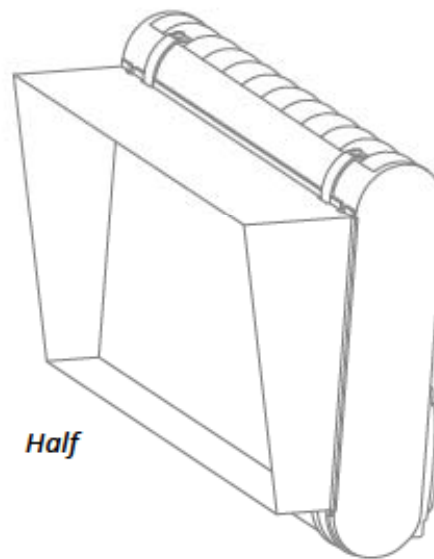
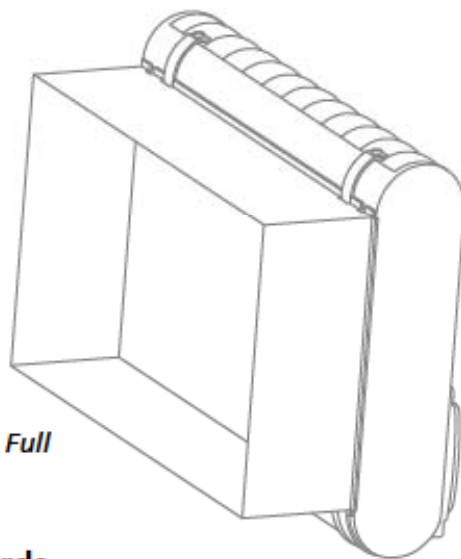
NEMA Type:

- Horizontal 7H
- Vertical 7V

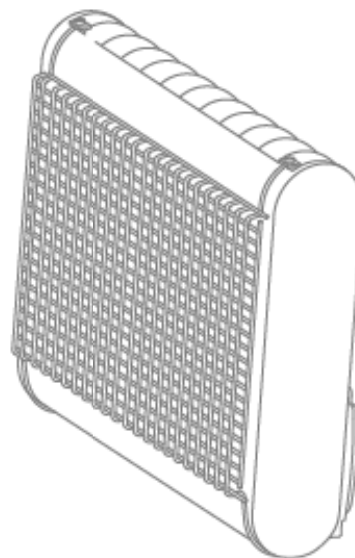
Luminaire Orientation:



Shields



Wire Guards



LTX MPAL

SERIES

STANDARD



The LXTMPAL series is a group of architectural LED area luminaires designed to illuminate parking areas, pathways, building facades, loading docks, and a variety of other general site lighting applications. Multiple mounting options make the LXTMPAL a versatile luminaire for flood lighting, pole-, ground- and wall-mounted area lighting, and other outdoor lighting requirements.

FEATURES

- 120-277V models available in 3000k (warm white), 4000K (neutral white) and 5000K (cool white). 277-480V models available in 4000K and 5000k.*
- Long-life LEDs provide a minimum of 58,000 hours of operation with at least 70% of initial lumen output (L_{70}).
- Standard optic provides an IES roadway type V distribution, or a 7V (vertical) x 7H (horizontal) NEMA floodlight distribution.
- Type III models (120-277V) deliver 24,235 lumens and 110 lumens per watt (LPW) at 3000k; and 27,536 lumens and 125 LPW at both 4000k and 5000k.
- Type III models (277-480V) deliver 26,108 lumens and 119 LPW 4000k; and 25,380 lumens and 115 LPW at 5000k.*
- Type V models deliver (120-277V) 21,495 lumens and 98 LPW at 3000k; 26,219 lumens and 119 LPW at 4000k; and 26,731 lumens and 122 LPW at 5000k.*
- Type V models (277-480V) deliver 27,582 lumens and 125 LPW at 4000k; and 27,943 lumens and 127 LPW at 5000k.*
- Universal 120-277 or 277-480 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Optional glare shields (full and half) and wire guards are available.
- Die cast aluminum housing with durable, dark bronze powder coat finish, and a heat-resistant polycarbonate lens.
- Wireway enclosure is sealed with a water-tight, silicon rubber gasket.
- Effective projected areas (EPA's) are 0.37 square feet (sf, front); 0.51 sf (side) and 1.74 sf (front).
- Threaded receptacle (1/2" NPS) for photocell. Optional arms and slip-fitters provide additional photocell mounting options.
- Easy installation in new construction or retrofit applications.

* Contact factory for other color temperatures and lumen packages.
 ** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

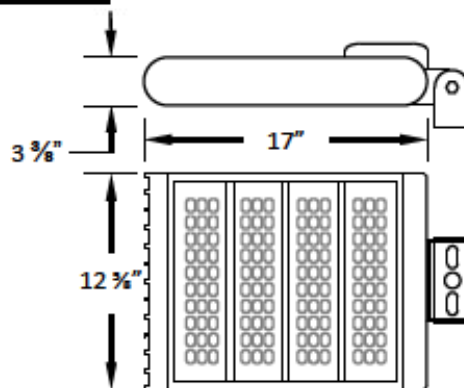
- cULus listed for wet locations (-30°C to 40°C / -22°F to 104°F).
- IP65 rated.
- DLC standard approved.
- Complies with FCC Part 15, Class B.
- Complies with EN61000-4-5, surge immunity (2kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Trunnion mount is standard.
- Steel arm mount provides secure attachment to flat surfaces, or use the adaptor for round poles.
- Slip-fitter mount provides attachment to poles (2 3/8" O.D. tenon).
- Yoke mount luminaire models are available by special order.



DIMENSIONS



Weight: 17.3 lb.

Examples: (Slip-Fitter, Type III): LXTMPAL220-T-4K-T3 + LXTMPAL-SF-80/300
 (Yoke, Type V): LXTMPAL220-Y-4K (no options available)
 (Arm, NEMA 7H x 7V) LXTMPAL220-T-4K + LXTMPAL-A-80/300

ORDERING INFORMATION

Model	Mounting Type	Luminaire Watts	Input Voltage	Color Temperature	Distribution Type ²	Luminaire Lumens	Lumens / Watt	Options* (Order Separately)
LXTMPAL220	T = Trunnion ¹ Y = Yoke	220	120-277	3K = 3000k	T3 = Type III	24,235	110	LXTMPAL-SF-80/300 = Slip-Fitter Mount
			120-277	4K = 4000k	T3 = Type III	27,536	125	LXTMPAL-A-80/300 = Steel Arm Mount
			120-277	5K = 5000k	T3 = Type III	27,536	125	LXTMPAL-APA-80/300 = Round Pole Adaptor
			120-277	3K = 3000k	Type V	21,495	98	MPAL80/100/150-FGS = Full Glare Shield
			120-277	4K = 4000k	Type V	26,219	119	MPAL80/100/150-HGS = Half Glare Shield
			120-277	5K = 5000k	Type V	26,731	122	MPAL80/100/150-WG = Wire Guard
		277-480	4K = 4000k	T3 = Type III	26,108	119		
		277-480	5K = 5000k	T3 = Type III	25,380	115		
		277-480	4K = 4000k	Type V	27,582	125		
		277-480	5K = 5000k	Type V	27,943	127		

¹ Note: For Slip-Fitter or Steel Arm mounting, order a luminaire with the standard Trunnion mount installed (LXTMPAL220-T), and either the Slip-Fitter (LXTMPAL-SF-80/300) or Steel Arm (LXTMPAL-A-80/300). The Slip-Fitter and Steel Arm mounts are shipped in separate cartons than the luminaire, and are field-installed after removing the standard Trunnion mount.

² Note: Type V distribution is standard, and requires no order suffix (see example above). For NEMA flood 7H x 7V distributions, order the Type V option.

ELECTRICAL DATA

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXTMPAL220-3K-T3	3000k	> 80	24,235	220	110	120-277	1.83	0.92	0.79	> 90%	< 20%	69,000
LXTMPAL220-4K-T3	4000k	> 80	27,536	220	125	120-277	1.83	0.92	0.79	> 90%	< 20%	69,000
LXTMPAL220-5K-T3	5000k	> 80	27,536	220	125	120-277	1.83	0.92	0.79	> 90%	< 20%	69,000
LXTMPAL220-3K	3000k	> 80	21,495	220	98	120-277	1.83	0.92	0.79	> 90%	< 20%	69,000
LXTMPAL220-4K	4000k	> 80	26,219	220	119	120-277	1.83	0.92	0.79	> 90%	< 20%	69,000
LXTMPAL220-5K	5000k	> 80	26,731	220	122	120-277	1.83	0.92	0.79	> 90%	< 20%	69,000

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							277V	347V	480V			
LXTMPAL220-T-4K-T3-480V	4000k	> 80	26,108	220	119	277-480	0.79	0.63	0.46	> 90%	< 20%	58,000
LXTMPAL220-T-5K-T3-480V	5000k	> 80	25,380	220	115	277-480	0.79	0.63	0.46	> 90%	< 20%	58,000
LXTMPAL220-T-4K-480V	4000k	> 80	27,582	220	125	277-480	0.79	0.63	0.46	> 90%	< 20%	62,000
LXTMPAL220-T-5K-480V	5000k	> 80	27,943	220	127	277-480	0.79	0.63	0.46	> 90%	< 20%	62,000

¹ Color rendering index.

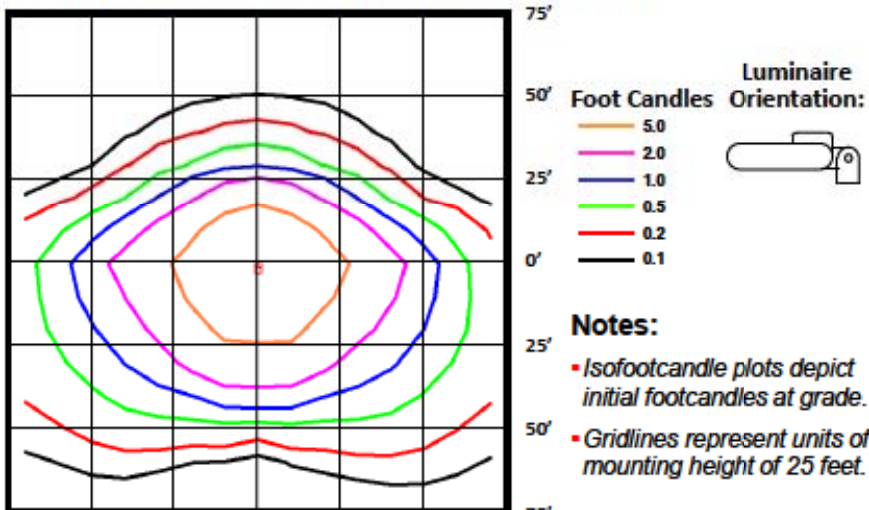
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

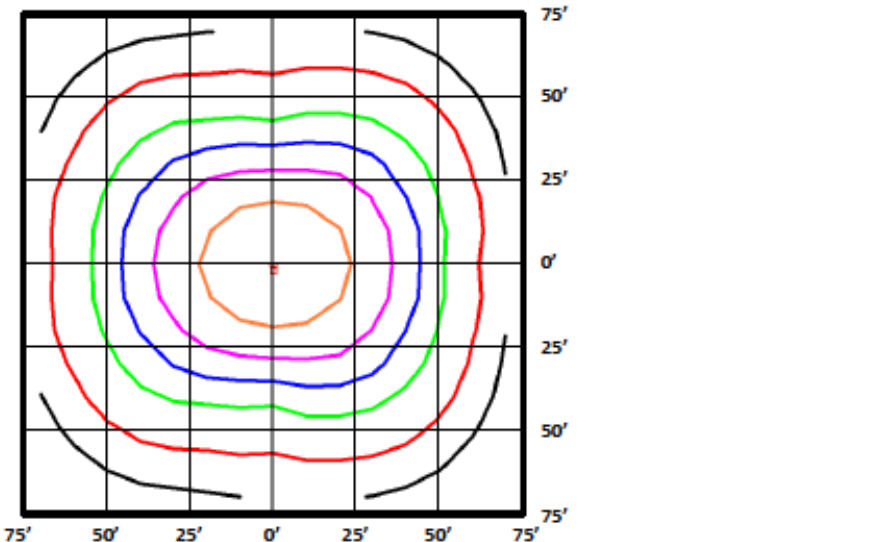
LXTMPAL220-5K (27,536 Lumens, Type III [T3] Distribution)



BUG Rating: B4-U3-G2

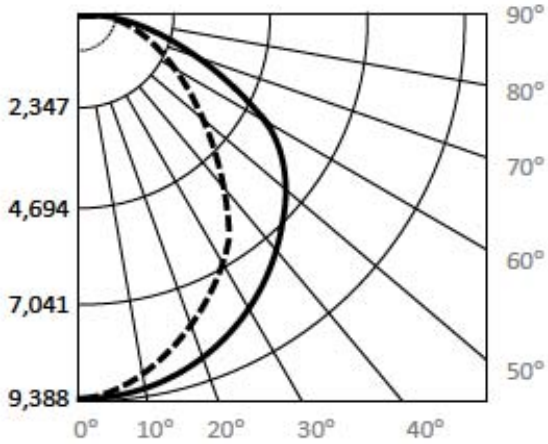
Zone	Lumens	%
FL - Front - Low (0-30)	3,351	12%
FM - Front - Medium (30-60)	9,571	35%
FH - Front - High (60-80)	4,072	15%
FVH - Front - Very High (80-90)	218	1%
Total Forward Light	17,212	63%
BL - Back - Low (0-30)	3,186	12%
BM - Back - Medium (30-60)	5,743	21%
BH - Back - High (60-80)	1,263	5%
BVH - Back - Very High (80-90)	63	0%
Total Back Light	10,256	37%
UL - Up Light - Low (90-100)	4	0%
UH - Up Light - High (100-180)	65	0%
Total Up Light	68	0%
Total Lumens	27,536	100%

LXTMPAL220-5K (26,731 Lumens, Type V Distribution)



BUG Rating: B4-U3-G3

Zone	Lumens	%
FL - Front - Low (0-30)	3,443	13%
FM - Front - Medium (30-60)	7,129	27%
FH - Front - High (60-80)	2,667	10%
FVH - Front - Very High (80-90)	284	1%
Total Forward Light	13,523	51%
BL - Back - Low (0-30)	3,360	13%
BM - Back - Medium (30-60)	7,019	26%
BH - Back - High (60-80)	2,484	9%
BVH - Back - Very High (80-90)	271	1%
Total Back Light	13,135	49%
UL - Up Light - Low (90-100)	5	0%
UH - Up Light - High (100-180)	69	0%
Total Up Light	73	0%
Total Lumens	26,731	100%



Maximum Candela = 9,388

— Horizontal
 - - - Vertical

NEMA Floodlight Type Data

Field Angles:

- Horizontal 159°
- Vertical 163°

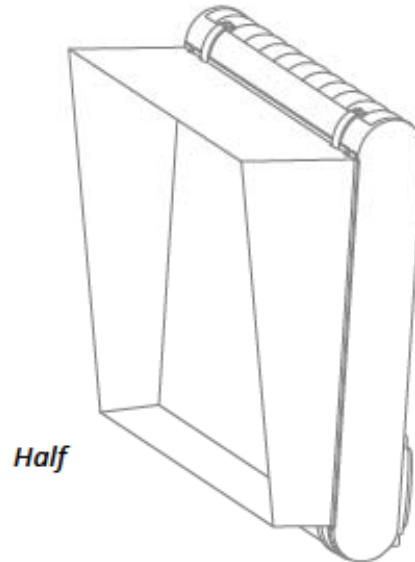
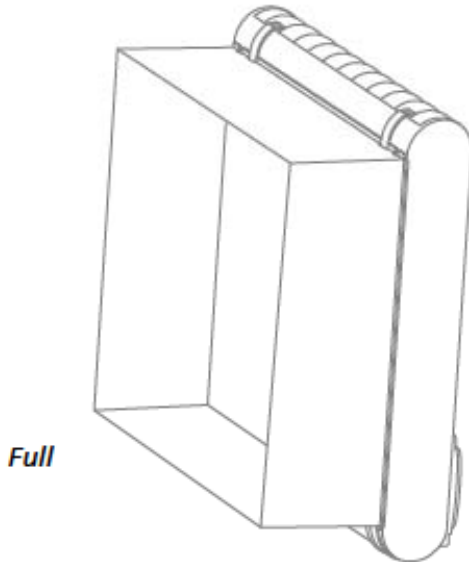
NEMA Type:

- Horizontal 7H
- Vertical 7V

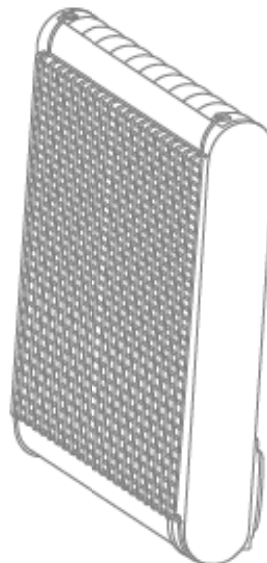
Luminaire Orientation:



Shields



Wire Guards





LUXET

LXT MPAL PRO 140

STANDARD



The LXTMPALPRO series is a group of premium architectural LED area luminaires designed to illuminate parking areas, pathways, building facades, loading docks, and a wide variety of other large, general site lighting applications. Multiple mounting options make the LXTMPALPRO a versatile luminaire for flood lighting, pole-, ground- and wall-mounted area lighting, and other outdoor lighting requirements.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 372,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Available models provide from 9,816 to 18,408 lumens, and from 117 to 131 lumens per watt (LPW).*
- IES roadway photometric distributions include types II-V.
- NEMA floodlight distributions include very narrow (3H x 3V), medium narrow (4H x 4V), medium wide (5H x 5V) & very wide (7H x 7V).
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Optional glare shields (full & half) & wire guards are available.
- Optional NEMA photocell installation kit provides watertight photocell attachment to driver enclosure clover.
- Die cast aluminum housing with durable, dark bronze powder coat finish—at least 2 mils thick on all surfaces—and a heat-resistant polycarbonate lens.
- Driver enclosure is sealed with a water-tight, silicon rubber gasket.
- Effective projected areas (EPA's) are:
 - Front = 0.24 square feet
 - Side = 0.29 square feet
 - Face = 1.10 square feet
- Easy installation in new construction or retrofit applications.

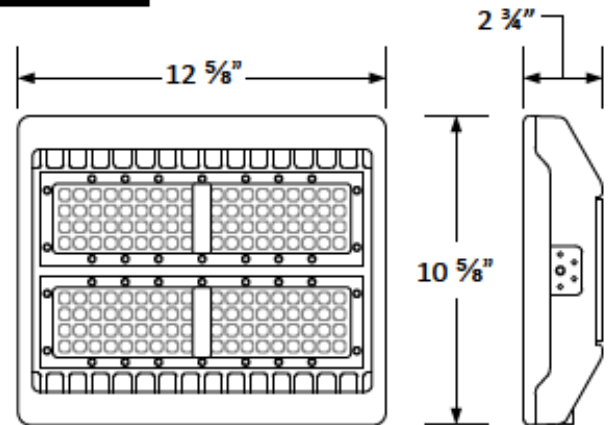
* Contact factory for other color temperatures and lumen packages.
 ** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -20°C to 45°C (-4°F to 113°F).
- IP66 rated for ingress protection.
- DLC premium approved.
- Flicker-free per IEEE1789-2015 (no observable adverse effects of flicker at 100% light output level).
- Rated for 3G vibration.
- Lens is IK 9 rated for protection from external impacts.
- Salt fog tested for 1,000 hours (ASTM B117). After salt fog testing, paint rated at 9 per ASTM D1654-05 scratch test.
- Complies with FCC Part 15, class B.
- Complies with EN61000-4-5, surge immunity protection (6kV).
- 5-year warranty of all electronics and housing.

DIMENSIONS



Weight: 8.2 lbs. (80W), 10.8 lbs. (100W) & 11 lbs. (140W)

ORDERING INFORMATION

Example: LXTMPALPRO80-4K + LEDMPALPRO-YK-80/140 + LEDMPALPRO80/100/140-FGS + LEDMPALPRO80/100/140-WG
 Premium-performance multi-purpose area luminaire, 80 watt, 4000k, yoke mounting bracket, full glare shield & wire guard

Model	Color Temperature	Mounting Brackets (Order Separately)	Shields, Wire Guards & NEMA Photocell Kit (Order Separately)
LXTMPALPRO80	4K = 4000k	LEDMPALPRO-YK-80/140 = Yoke Mounting Bracket, 80 – 140W	LEDMPALPRO80/100/140-FGS = Full Glare Shield, 80 – 140W
LXTMPALPRO100	5K = 5000k	LEDMPALPRO-TR-80/280 = Trunnion Mounting Bracket, 80 – 280W	LEDMPALPRO80/100/140-HGS = Half Glare Shield, 80 – 140W
LXTMPALPRO140		LEDMPALPRO-ARM-80/280 = Arm Mounting Bracket, 80 – 280W	LEDMPALPRO80/100/140-WG = Wire Guard, 80 – 140W
		LEDMPALPRO-SF-80/280 = Slip-Fitter Mounting Bracket, 80 – 280W	LEDMPALPRO-PCKIT-80/280 = NEMA Photocell Installation Kit, 80 – 280W

ELECTRICAL DATA

Model	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
IES Roadway Distributions⁵												
LXTMPALPRO80-4K-T2	4000k	> 80	10,445	81	129.0	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-T2	5000k	> 80	10,584	81	130.7	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-4K-T3	4000k	> 80	10,439	81	128.9	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-T3	5000k	> 80	10,613	81	131.0	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-4K-T4	4000k	> 80	10,377	81	128.1	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-T4	5000k	> 80	10,491	81	129.5	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-4K-T5	4000k	> 80	9,816	81	121.2	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-T5	5000k	> 80	10,008	81	123.6	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO100-4K-T2	4000k	> 80	12,958	101	128.3	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-T2	5000k	> 80	13,101	101	129.7	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-4K-T3	4000k	> 80	12,521	101	124.0	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-T3	5000k	> 80	12,673	101	125.5	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-4K-T4	4000k	> 80	12,693	101	125.7	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-T4	5000k	> 80	12,770	101	126.4	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-4K-T5	4000k	> 80	11,834	101	117.2	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-T5	5000k	> 80	12,084	101	119.6	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO140-4K-T2	4000k	> 80	17,740	141	125.8	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-T2	5000k	> 80	18,009	141	127.7	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-4K-T3	4000k	> 80	17,176	141	121.8	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-T3	5000k	> 80	17,338	141	123.0	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-4K-T4	4000k	> 80	17,865	141	126.7	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-T4	5000k	> 80	18,080	141	128.2	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-4K-T5	4000k	> 80	16,438	141	116.6	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-T5	5000k	> 80	16,687	141	118.3	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
NEMA Floodlight Distributions⁶												
LXTMPALPRO80-4K-VN	4000k	> 80	10,324	81	127.5	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-VN	5000k	> 80	10,417	81	128.6	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-4K-MN	4000k	> 80	10,357	81	127.9	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-MN	5000k	> 80	10,435	81	128.8	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-4K-MW	4000k	> 80	10,217	81	126.1	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-MW	5000k	> 80	10,317	81	127.4	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-4K-VW	4000k	> 80	9,818	81	121.2	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO80-5K-VW	5000k	> 80	10,009	81	123.6	120-277	0.68	0.34	0.29	> 90%	< 20%	372,000
LXTMPALPRO100-4K-VN	4000k	> 80	13,112	101	129.8	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-VN	5000k	> 80	13,240	101	131.1	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-4K-MN	4000k	> 80	13,102	101	129.7	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-MN	5000k	> 80	13,243	101	131.1	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-4K-MW	4000k	> 80	13,081	101	129.5	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-MW	5000k	> 80	13,202	101	130.7	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-4K-VW	4000k	> 80	11,834	101	117.2	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO100-5K-VW	5000k	> 80	12,084	101	119.6	120-277	0.84	0.42	0.36	> 90%	< 20%	372,000
LXTMPALPRO140-4K-VN	4000k	> 80	18,230	141	129.3	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-VN	5000k	> 80	18,394	141	130.5	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-4K-MN	4000k	> 80	18,249	141	129.4	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-MN	5000k	> 80	18,408	141	130.6	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-4K-MW	4000k	> 80	18,179	141	128.9	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-MW	5000k	> 80	18,360	141	130.2	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-4K-VW	4000k	> 80	16,438	141	116.6	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000
LXTMPALPRO140-5K-VW	5000k	> 80	16,687	141	118.3	120-277	1.18	0.59	0.51	> 90%	< 20%	372,000

¹ Color rendering index.

² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

⁵ T2 = type II, T3 = type III, T4 = type IV, and T5 = type V.

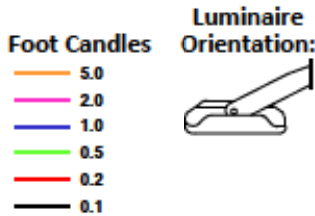
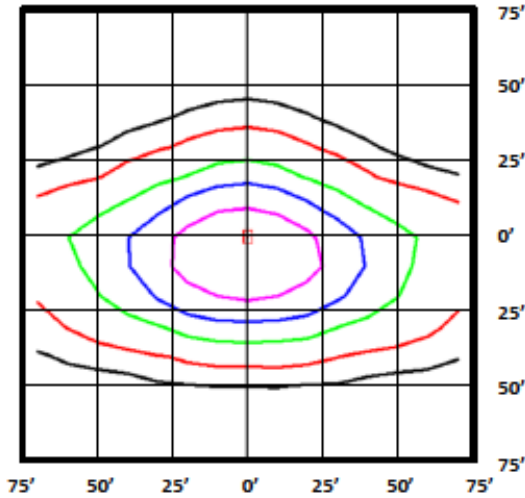
⁶ VN = very narrow, MN = medium narrow, MW = medium wide, and VW = very wide.

LEDMPALPRO80-140 80-140 Watt, Premium Multi-Purpose LED Area Luminaire



PHOTOMETRIC DATA – IES Roadway Distributions

LEDMPALPRO80-4K-T2 (10,445 Lumens, Type II Distribution)

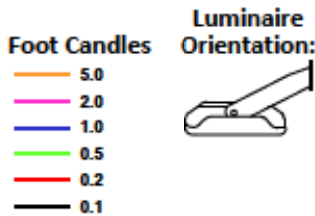
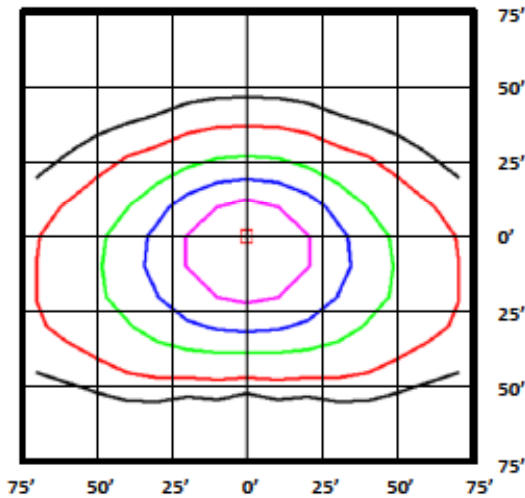


- Notes:**
- Isofootcandle plots depict initial footcandles at grade.
 - Gridlines represent units of mounting height of 25 feet.

BUG Rating: B3-U0-G3

Zone	Lumens	%
FL - Front - Low (0-30)	1,257	12%
FM - Front - Medium (30-60)	3,523	34%
FH - Front - High (60-80)	1,863	18%
FVH - Front - Very High (80-90)	136	1%
Total Forward Light	6,779	65%
BL - Back - Low (0-30)	834	8%
BM - Back - Medium (30-60)	1,687	16%
BH - Back - High (60-80)	1,065	10%
BVH - Back - Very High (80-90)	90	1%
Total Back Light	3,676	35%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	10,455	100%

LEDMPALPRO80-4K-T3 (10,439 Lumens, Type III Distribution)

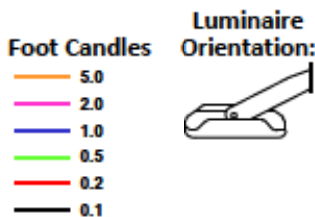
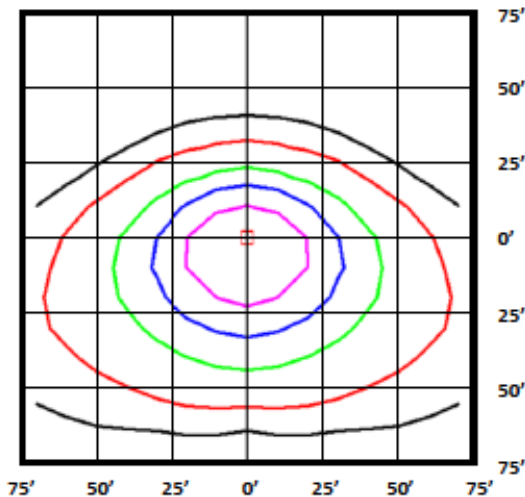


- Notes:**
- Isofootcandle plots depict initial footcandles at grade.
 - Gridlines represent units of mounting height of 25 feet.

BUG Rating: B2-U0-G2

Zone	Lumens	%
FL - Front - Low (0-30)	1,196	11%
FM - Front - Medium (30-60)	3,384	32%
FH - Front - High (60-80)	1,952	19%
FVH - Front - Very High (80-90)	136	1%
Total Forward Light	6,668	64%
BL - Back - Low (0-30)	913	9%
BM - Back - Medium (30-60)	1,801	17%
BH - Back - High (60-80)	990	9%
BVH - Back - Very High (80-90)	67	1%
Total Back Light	3,771	36%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	10,439	100%

LEDMPALPRO80-4K-T4 (10,377 Lumens, Type IV Distribution)



- Notes:**
- Isofootcandle plots depict initial footcandles at grade.
 - Gridlines represent units of mounting height of 25 feet.

BUG Rating: B2-U0-G3

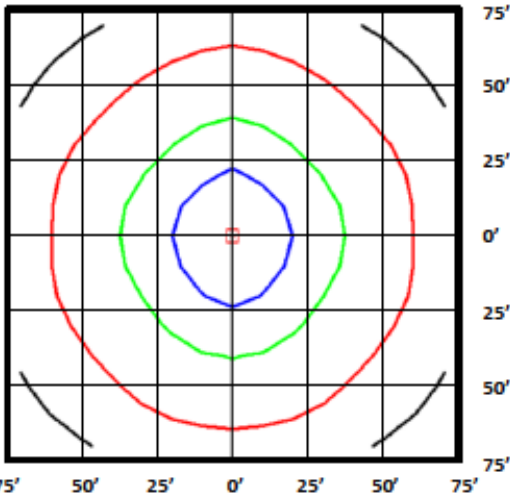
Zone	Lumens	%
FL - Front - Low (0-30)	1,289	12%
FM - Front - Medium (30-60)	3,309	32%
FH - Front - High (60-80)	2,399	23%
FVH - Front - Very High (80-90)	308	3%
Total Forward Light	7,304	70%
BL - Back - Low (0-30)	890	9%
BM - Back - Medium (30-60)	1,398	13%
BH - Back - High (60-80)	713	7%
BVH - Back - Very High (80-90)	72	1%
Total Back Light	3,073	30%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	10,377	100%

LEDMPALPRO80-140 80-140 Watt, Premium Multi-Purpose LED Area Luminaire



PHOTOMETRIC DATA – IES Roadway Distributions (continued)

LEDMPALPRO80-4K-T5 (9,816 Lumens, Type V Distribution)



Foot Candles

- 5.0
- 2.0
- 1.0
- 0.5
- 0.2
- 0.1

Luminaire Orientation:



Notes:

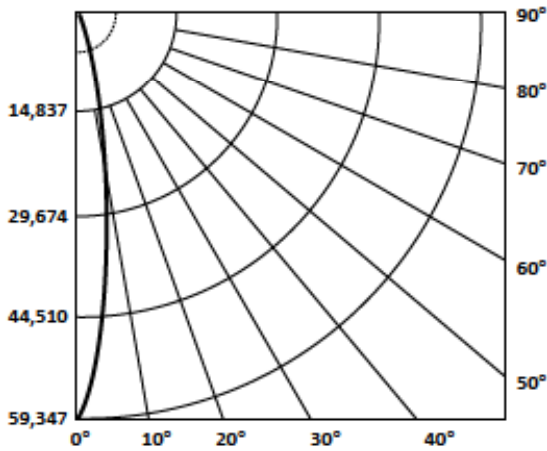
- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 25 feet.

BUG Rating: B3-U0-G3

Zone	Lumens	%
FL - Front - Low (0-30)	456	5%
FM - Front - Medium (30-60)	1,929	20%
FH - Front - High (60-80)	2,319	24%
FVH - Front - Very High (80-90)	266	3%
Total Forward Light	4,970	51%
BL - Back - Low (0-30)	449	5%
BM - Back - Medium (30-60)	1,852	19%
BH - Back - High (60-80)	2,250	23%
BVH - Back - Very High (80-90)	295	3%
Total Back Light	4,846	49%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	9,816	100%

PHOTOMETRIC DATA – NEMA Floodlight Distributions

LEDMPALPRO80-4K-VN (10,324 Lumens, Very Narrow)



Maximum Candela = 59,347

- Horizontal
- Vertical

NEMA Floodlight Data

Field Angles:

- Horizontal 38°
- Vertical 39°

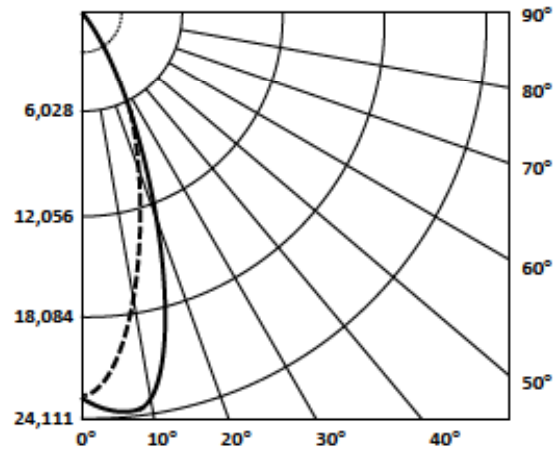
NEMA Type:

- Horizontal 3H
- Vertical 3V

Luminaire Orientation:



LEDMPALPRO80-4K-MN (10,357 Lumens, Medium Narrow)



Maximum Candela = 24,111

- Horizontal
- Vertical

NEMA Floodlight Data

Field Angles:

- Horizontal 59°
- Vertical 60°

NEMA Type:

- Horizontal 4H
- Vertical 4V

Luminaire Orientation:

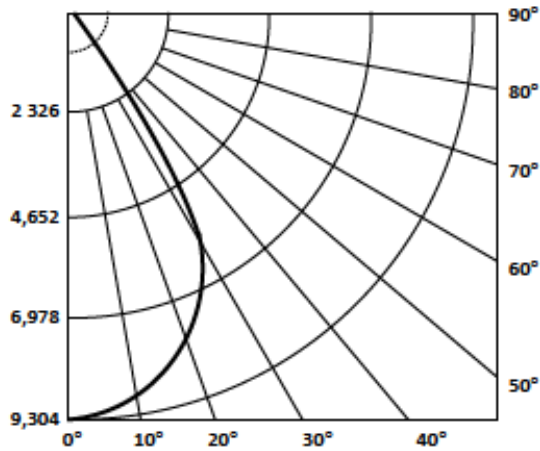


LEDMPALPRO80-140 80-140 Watt, Premium Multi-Purpose LED Area Luminaire



PHOTOMETRIC DATA – NEMA Floodlight Distributions (continued)

LEDMPALPRO80-4K-MW (10,217 Lumens, Medium Wide)



Maximum Candela = 9,304

— Horizontal
- - - Vertical

NEMA Floodlight Data

Field Angles:

- Horizontal 86°
- Vertical 86°

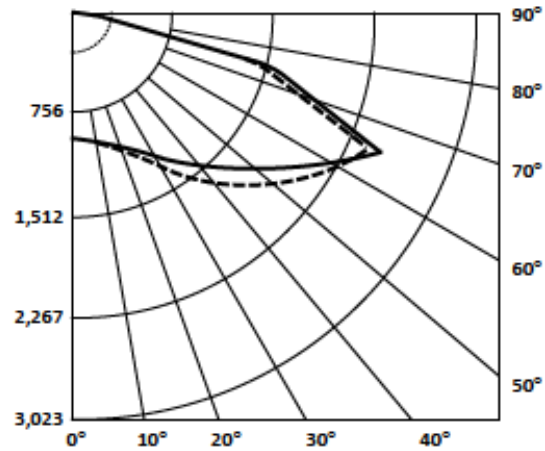
NEMA Type:

- Horizontal 5H
- Vertical 5V

Luminaire Orientation:



LEDMPALPRO80-4K-VW (9,818 Lumens, Very Wide)



Maximum Candela = 3,023

— Horizontal
- - - Vertical

NEMA Floodlight Data

Field Angles:

- Horizontal 156°
- Vertical 172°

NEMA Type:

- Horizontal 7H
- Vertical 7V

Luminaire Orientation:

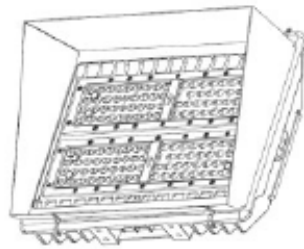


SHIELDS, WIRE GUARDS & NEMA PHOTOCELL INSTALLATION KIT



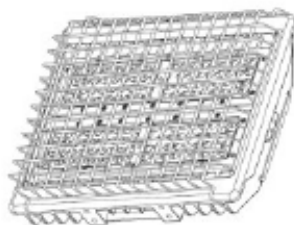
Full Shield

(LEDMPALPRO80/100/140-FGS)



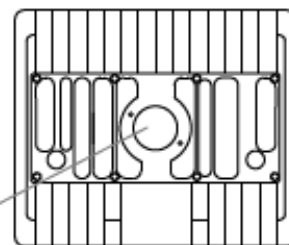
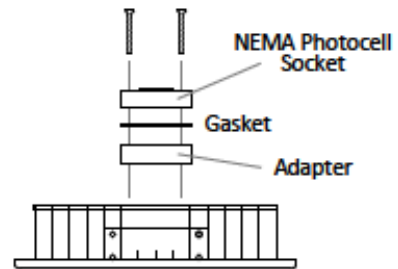
Half Shield

(LEDMPALPRO80/100/140-HGS)



Wire Guard

(LEDMPALPRO80/100/140-WG)



Knockout

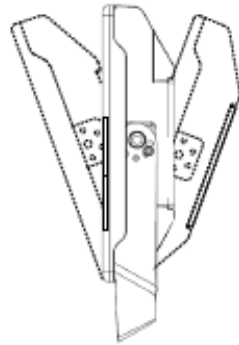
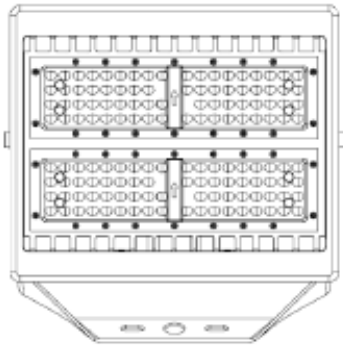
NEMA Photocell Installation Kit

(LEDMPALPRO-PCKIT-80/280)

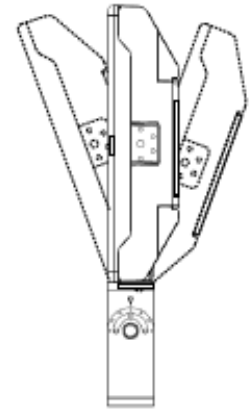
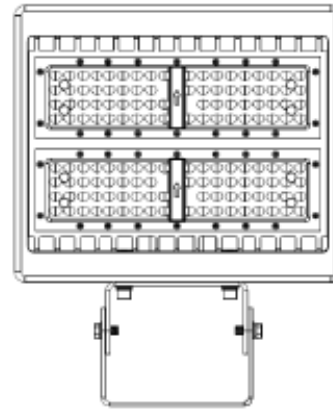
LEDMPALPRO80-140 80-140 Watt, Premium Multi-Purpose LED Area Luminaire

BEST
LIGHTING PRODUCTS

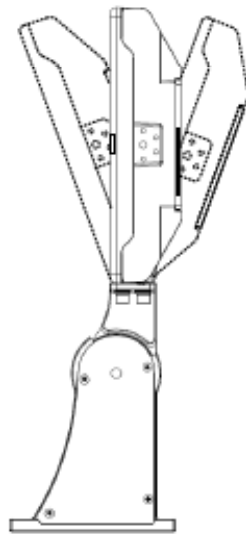
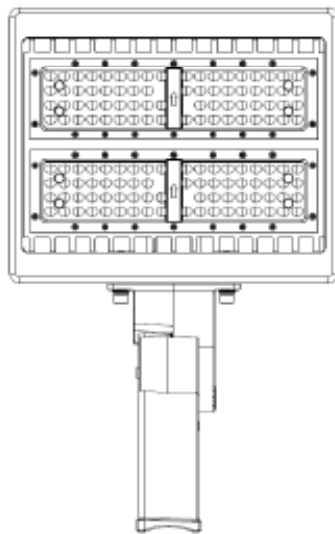
MOUNTING ACCESSORIES



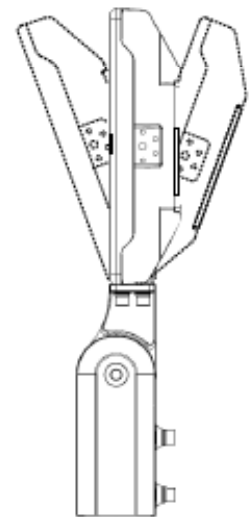
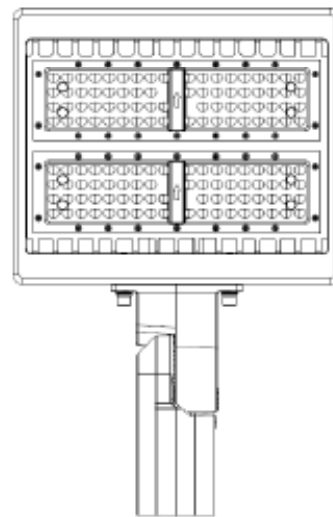
Yoke Mount
LEDMPALPRO-YK-80/140



Trunnion Mount
LEDMPALPRO-TR-80/280



**Adjustable
Arm Mount**
LEDMPALPRO-ARM-80/280



**Slip-Fitter
Mount**
LEDMPALPRO-SF-80/280

All mounting accessories are adjustable up to 90° in both directions.



LXT SL15

STANDARD



The LXTSL15W landscape security / flood light is an ideal solution for general site, landscape, sign and pathway lighting. With a die cast aluminum housing, and a polycarbonate lens with seamless silicone gasket to prevent leaks, the LXTSL15W will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, incandescent landscape lights.

FEATURES

- Available in 3000k (warm white) & 5000k (cool white) color temperatures.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L₇₀).**
- Delivers 1,536 lumens (102 lumens per watt, LPW) at 3000k, and 1,700 lumens (113 LPW) at 5000k.*
- Narrow beam spread is standard. Medium beam spread is available by special order (contact factory for details).
- Universal 100-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Polycarbonate lens.
- Several mounting options provide easy installation in new construction or retrofit. Yoke-mounted models available by special order (contact factory for details).

* Contact factory for other color temperatures and lumen packages.

** L₇₀ hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- DLC approved.
- Complies with EN61000-4-5, surge immunity test (1kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Threaded pipe (NPS 1/2"), which attaches to a junction box, is standard.
- Optional spike-mount (LEDSL-BS) for ground mounting.
- Optional canopy-mount (LEDSL-CMB) for attachment to flat surfaces.

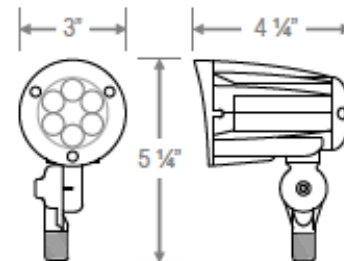


Spike-Mount
(LEDSL-BS)



Canopy-Mount
(LEDSL-CMB)

DIMENSIONS



ORDERING INFORMATION

Example: LEDSL15W-K-3K-30

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature	Beam Spread	Mounting Options (Order Separately)
LXTSL15W-K	15	1,536	102	3K = 3000k	30 = Narrow	Spike-Mount = LEDSL-BS
	15	1,700	113	5K = 5000k	30 = Narrow	Canopy-Mount = LEDSL-CMB

ELECTRICAL

Model	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXTSL15W-K-3K-30	3000k	> 80	1,536	15	102	120-277	0.13	0.06	0.05	> 0.90	< 20%	69,000
LXTSL15W-K-5K-30	5000k	> 80	1,700	15	113	120-277	0.13	0.06	0.05	> 0.90	< 20%	69,000

¹ Color rendering index.

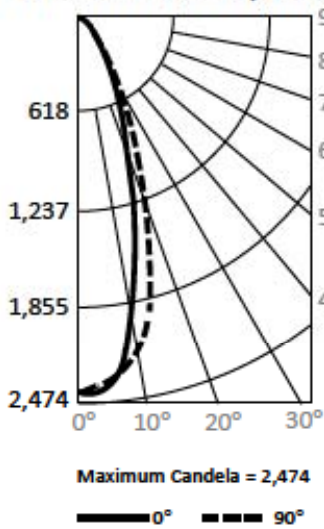
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LEDSL15W-K-5K-30 (1,700 Lumens)



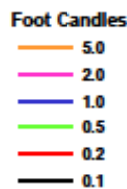
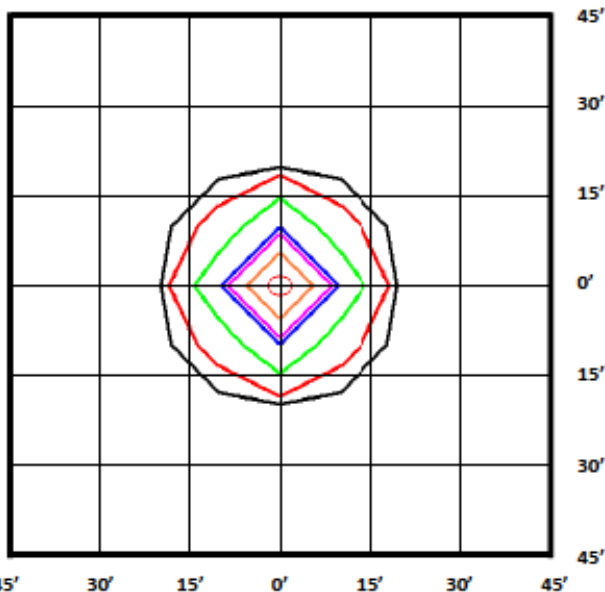
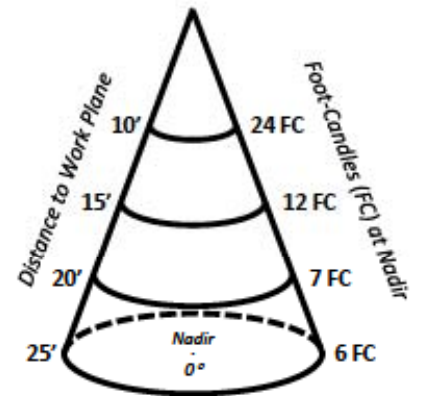
Candlepower Summary

	0°	90°
0°	2,429	2,429
10°	2,458	2,419
20°	2,423	2,366
30°	2,261	2,199
40°	1,765	1,745
50°	1,165	1,189
60°	760	794
70°	517	539
80°	383	392
90°	289	293

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	221	13.0%
0° - 20°	697	41.0%
0° - 30°	1,087	64.0%
0° - 40°	1,346	79.2%
0° - 50°	1,520	89.4%
0° - 60°	1,623	95.5%
0° - 70°	1,674	98.5%
0° - 80°	1,694	99.7%
0° - 90°	1,699	99.9%
90° - 180°	1	0.1%
0° - 180°	1,700	100.0%

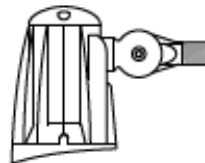
Cone of Light



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

Luminaire Orientation





LXTSL42W

STANDARD



The LXTSL42W landscape security / flood light is an ideal solution for general site, landscape, sign and pathway lighting. With a die cast aluminum housing, and a polycarbonate lens with seamless silicone gasket to prevent leaks, the LXTSL42W will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, incandescent landscape lights.

FEATURES

- Available in 3000k & 5000k (cool white) color temperatures.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L₇₀).**
- Delivers 4,201 lumens (107 lumens per watt, LPW) at 3000k, and 4,800 lumens (122 LPW) at 5000k.*
- Medium beam spread is standard.
- Universal 100-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Polycarbonate lens.
- Several mounting options provide easy installation in new construction or retrofit. Yoke-mounted models available by special order (contact factory for details).

* Contact factory for other color temperatures and lumen packages.

**L₇₀ hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- DLC approved.
- Complies with EN61000-4-5, surge immunity test (1kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Threaded pipe (NPS 1/2"), which attaches to a junction box, is standard.
- Optional spike-mount (LEDSL-BS) for ground mounting.
- Optional canopy-mount (LED-CNY-KIT) for attachment to flat surfaces.

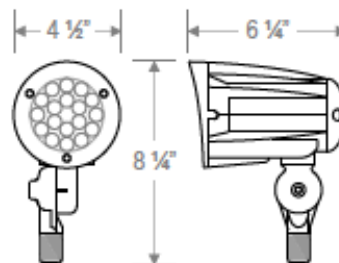


Spike-Mount
(LEDSL-BS)



Canopy-Mount
(LED-CNY-KIT)

DIMENSIONS



ORDERING INFORMATION

Example: LXTSL42W-K-3K-60

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature	Beam Spread	Mounting Options (Order Separately)
LXTSL42W-K	39	4,201	107	3K = 3000k	60 = Medium	Spike-Mount = LEDSL-BS
	39	4,800	122	5K = 5000k	60 = Medium	Canopy-Mount = LED-CNY-KIT

ELECTRICAL

Model	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXTSL42W-K-3K-60	3000k	> 80	4,201	39	107	120-277	0.33	0.16	0.14	> 90%	< 20%	69,000
LXTSL42W-K-5K-60	5000k	> 80	4,800	39	122	120-277	0.33	0.16	0.14	> 90%	< 20%	69,000

¹ Color rendering index.

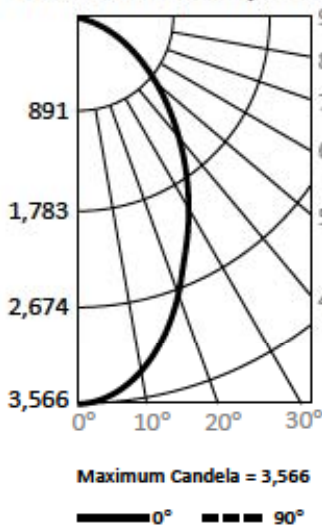
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LXTSL42W-K-5K-30 (4,800 Lumens)



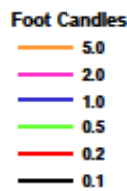
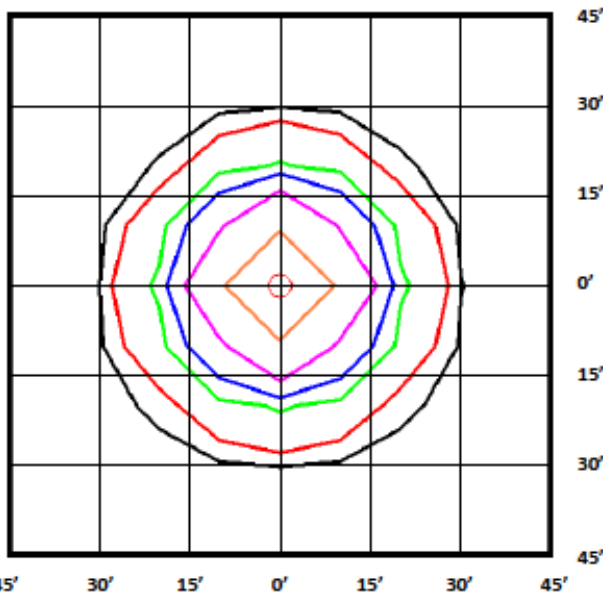
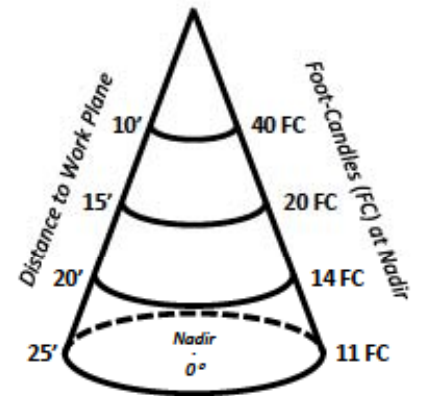
Candlepower Summary

	0°	90°
0°	3,566	3,566
10°	3,512	3,491
20°	3,302	3,268
30°	3,003	2,968
40°	2,662	2,640
50°	2,312	2,298
60°	1,965	1,960
70°	1,630	1,629
80°	1,317	1,321
90°	1,034	1,036

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	326	6.8%
0° - 20°	1,154	24.0%
0° - 30°	2,199	45.8%
0° - 40°	3,201	66.7%
0° - 50°	3,990	83.1%
0° - 60°	4,476	93.3%
0° - 70°	4,704	98.0%
0° - 80°	4,784	99.7%
0° - 90°	4,796	99.9%
90° - 180°	4	0.1%
0° - 180°	4,800	100.0%

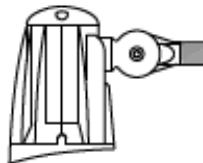
Cone of Light



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

Luminaire Orientation



CANOPY



LXT CPY

STANDARD



The LXTCPY canopy light is designed to illuminate gas stations, parking garages, storage areas, stairwells, and other applications requiring a low-profile luminaire that can be surface-mounted. With a painted steel housing and an aluminum heat sink, the LXTCPY is an attractive, rugged solution. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional canopy lights with HID, fluorescent or incandescent lamps.

FEATURES

- Available in 5000k (cool white) color temperatures.*
- Long-life LEDs provide 58,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Delivers 11,963 lumens and 100 lumens per watt.*
- Universal 100-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Painted steel housing with aluminum heat sink.
- Easy installation in new construction or retrofit.

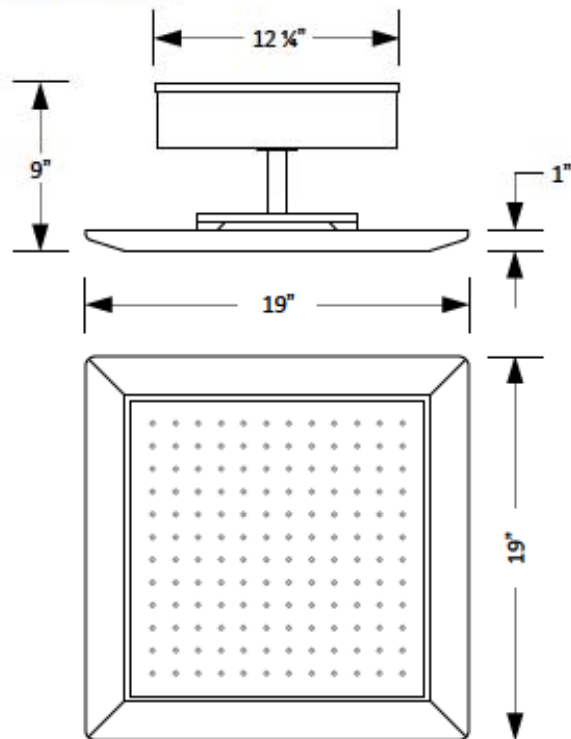
* Contact factory for other color temperatures and lumen packages.
 ** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- DLC approved.
- 5-year warranty on all electronics and housing.

DIMENSIONS



ORDERING INFORMATION

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature
LXTCPYSM120W-5K	120	11,963	100	5K = 5000k

ELECTRICAL

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage	Input Current (A)			Power Factor	THD ²	L ₇₀ Hours ³
							120V	240V	277V			
LXTCPYSM120W-5K	5000k	> 80	11,963	120	100	120-277 (50-60Hz)	1.00	0.50	0.43	> 90%	< 20%	58,000

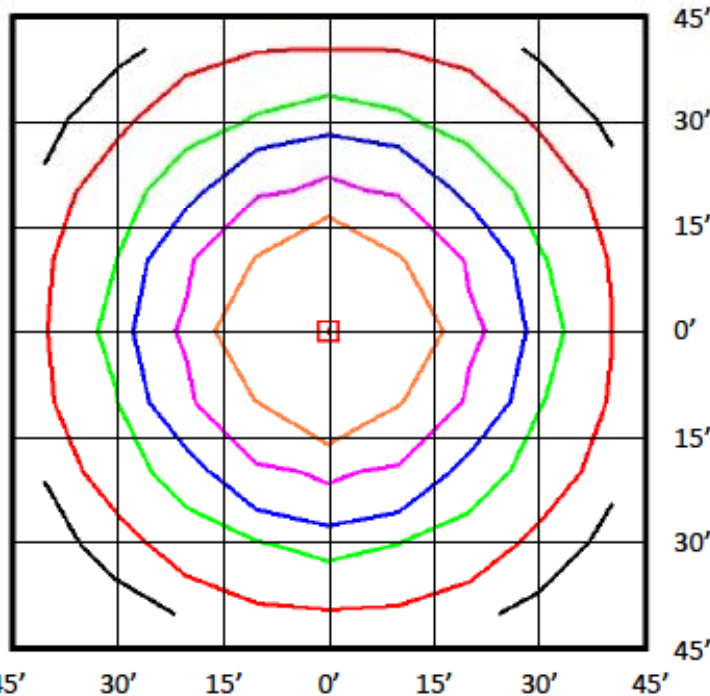
¹ Color rendering index

² Total harmonic distortion

³ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LXTCPYSM120W-5K (11,963 Lumens)



BUG Rating: B3-U1-G1

Zone	Lumens	%
FL - Front - Low (0-30)	1,700	14%
FM - Front - Medium (30-60)	3,274	27%
FH - Front - High (60-80)	1,061	9%
FVH - Front - Very High (80-90)	40	0%
Total Forward Light	6,075	51%
BL - Back - Low (0-30)	1,683	14%
BM - Back - Medium (30-60)	3,184	27%
BH - Back - High (60-80)	980	8%
BVH - Back - Very High (80-90)	29	0%
Total Back Light	5,876	49%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	13	0%
Total Up Light	13	0%
Total Lumens	11,963	100%

Foot Candles

5.0
2.0
1.0
0.5
0.2
0.1

Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.



LXT CPLED

STANDARD



The CPLED garage luminaire is a premium-performance solution for illuminating parking garages, storage areas, stairwells, and other applications requiring a low-profile luminaire that can be surface- or pendant-mounted. With a die cast aluminum housing and a polycarbonate lens, the CPLED will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional garage lights with HID, fluorescent or incandescent lamps.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide at least 171,000 hours of operation with at least 70% of initial lumen output (L_{70}).[†]
- Provides a range of 3,137 to 12,708 lumens.[†]
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard (except model CPLED-3).¹
- Mounting options include surface-mounting and pendant-mounting using electrical conduit.
- Optional, integral Merrytek microwave occupancy/daylight sensor is installed inside the luminaire housing, and provides both on/off and dimming functions.¹ To order, add the suffix "OS" to your luminaire catalog number (see example below).
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing, painted white or dark bronze.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.
[†] L_{70} hours are IES TM-21-11 calculated hours.



Model CPLED-3,
CPLED-5 & CPLED-7

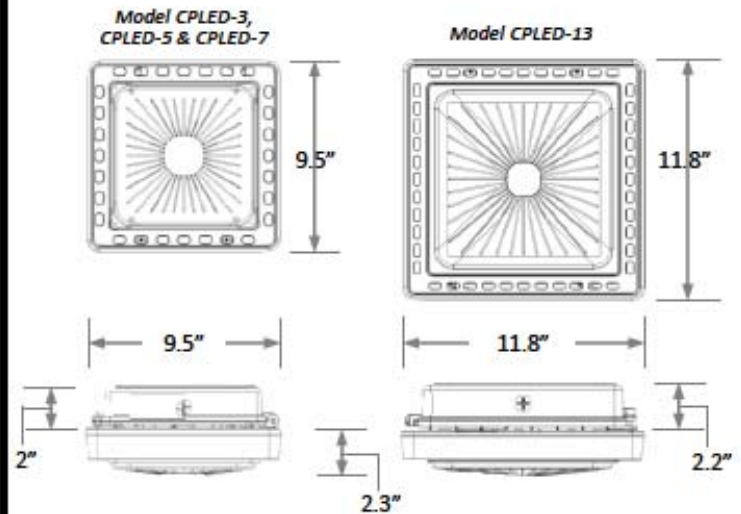


Model CPLED-13

WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from -20°C to 55°C (-4°F to 131°F).
- IP65 rated for ingress protection.
- DLC premium approved (primary use category: Parking Garage Luminaires).
- Complies with FCC Part 15, class B.
- Standard models comply with EN61000-4-5, surge immunity protection (CPLED-3 at 2kV; all other models at 4kV). Optional 10kV surge protector available (see below for ordering information).
- 5-year warranty on all electronics and housing.

DIMENSIONS



Weight: 4.4 lbs. (CPLED-3, -5 & -7) / 7.7 lbs. (CPLED-13)

ORDERING INFORMATION

Example: CPLED-3-4K-WHT-UNV-OS-SP10

Premium-performance garage luminaire, 3k nominal lumens, 4000k, white housing, 120-277V, Merrytek MC605V D Sensor, 10kV surge protector

Model	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Color Temperature	Housing Color	Input Voltage	Options
CPLED-3-4K	3,137	24	131	4K = 4000k	WHT = White BRZ = Bronze	UNV = 120-277V	OS = Merrytek MC605V D Occupancy & Daylight Sensor (Factory Installed) ¹ SP10 = TDC model SPD277-10K.1 10kV surge protector
CPLED-3-5K	3,149	24	131	5K = 5000k			
CPLED-5-4K	4,943	40	124	4K = 4000k			
CPLED-5-5K	5,024	40	126	5K = 5000k			
CPLED-7-4K	7,002	56	125	4K = 4000k			
CPLED-7-5K	7,077	56	126	5K = 5000k			
CPLED-13-4K	12,516	102	123	4K = 4000k			
CPLED-13-5K	12,708	102	125	5K = 5000k			

¹ Note: Model CPLED-3 is not equipped with a dimmable driver, so it provides only on/off switching.

ELECTRICAL

Model	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
CPLED-3-4K-###-UNV	4K = 4000k	> 80	3,137	24	131	120-277	0.20	0.10	0.09	> 90%	< 20%	174,000
CPLED-3-5K-###-UNV	5K = 5000k	> 80	3,149	24	131	120-277	0.20	0.10	0.09	> 90%	< 20%	174,000
CPLED-5-4K-###-UNV	4K = 4000k	> 80	4,943	40	124	120-277	0.33	0.17	0.14	> 90%	< 20%	174,000
CPLED-5-5K-###-UNV	5K = 5000k	> 80	5,024	40	126	120-277	0.33	0.17	0.14	> 90%	< 20%	174,000
CPLED-7-4K-###-UNV	4K = 4000k	> 80	7,002	56	125	120-277	0.47	0.23	0.20	> 90%	< 20%	174,000
CPLED-7-5K-###-UNV	5K = 5000k	> 80	7,077	56	126	120-277	0.47	0.23	0.20	> 90%	< 20%	174,000
CPLED-13-4K-###-UNV	4K = 4000k	> 80	12,516	102	123	120-277	0.85	0.43	0.37	> 90%	< 20%	171,000
CPLED-13-5K-###-UNV	5K = 5000k	> 80	12,708	102	125	120-277	0.85	0.43	0.37	> 90%	< 20%	171,000

¹ Color rendering index.

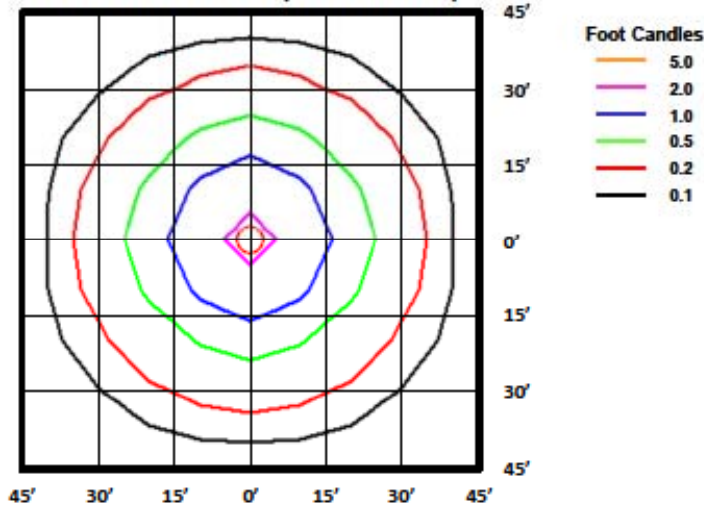
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

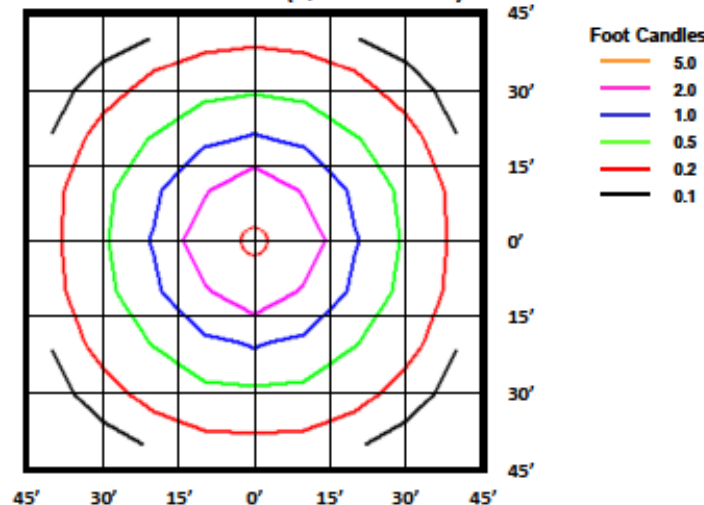
CPLED-3-4K-###-UNV (3,137 Lumens)



BUG Rating: B2-U2-G1

Zone	Lumens	%
FL - Front - Low (0-30)	236	8%
FM - Front - Medium (30-60)	773	25%
FH - Front - High (60-80)	509	16%
FVH - Front - Very High (80-90)	40	1%
Total Forward Light	1,558	50%
BL - Back - Low (0-30)	235	7%
BM - Back - Medium (30-60)	772	25%
BH - Back - High (60-80)	505	16%
BVH - Back - Very High (80-90)	40	1%
Total Back Light	1,552	49%
UL - Up Light - Low (90-100)	14	0%
UH - Up Light - High (100-180)	14	0%
Total Up Light	28	1%
Total Lumens	3,137	100%

CPLED-5-4K-###-UNV (4,943 Lumens)



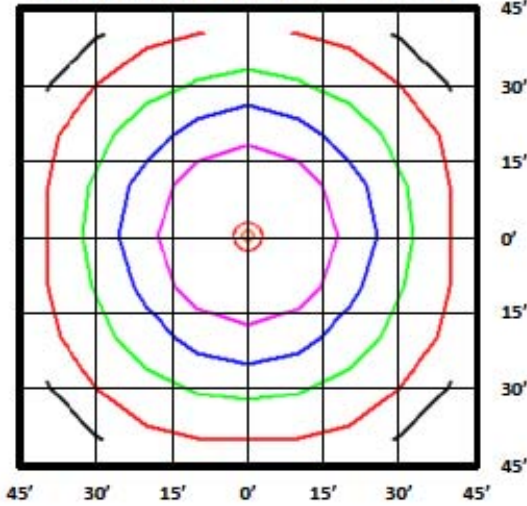
BUG Rating: B2-U2-G1

Zone	Lumens	%
FL - Front - Low (0-30)	373	8%
FM - Front - Medium (30-60)	1,251	25%
FH - Front - High (60-80)	773	16%
FVH - Front - Very High (80-90)	61	1%
Total Forward Light	2,459	50%
BL - Back - Low (0-30)	372	8%
BM - Back - Medium (30-60)	1,242	25%
BH - Back - High (60-80)	766	16%
BVH - Back - Very High (80-90)	61	1%
Total Back Light	2,441	49%
UL - Up Light - Low (90-100)	24	0%
UH - Up Light - High (100-180)	20	0%
Total Up Light	43	1%
Total Lumens	4,943	100%

Notes: (1) Isofootcandle plots depict initial footcandles at grade. (2) Gridlines represent units of mounting height of 15 feet.

PHOTOMETRIC DATA

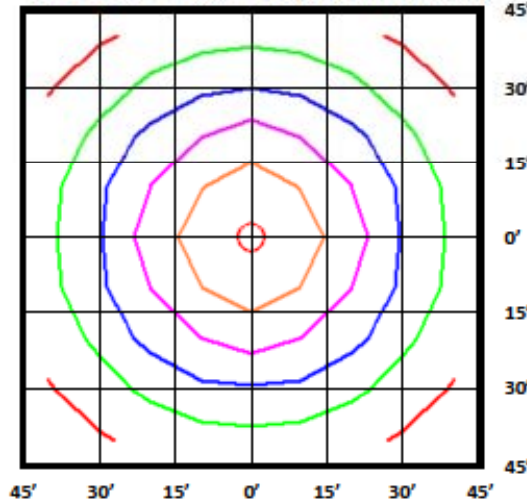
CPLED-7-4K-###-UNV (7,002 Lumens)



BUG Rating: B3-U2-G1

Zone	Lumens	%
FL - Front - Low (0-30)	528	8%
FM - Front - Medium (30-60)	1,772	25%
FH - Front - High (60-80)	1,079	15%
FVH - Front - Very High (80-90)	82	1%
Total Forward Light	3,461	49%
BL - Back - Low (0-30)	520	7%
BM - Back - Medium (30-60)	1,752	25%
BH - Back - High (60-80)	1,124	16%
BVH - Back - Very High (80-90)	90	1%
Total Back Light	3,485	50%
UL - Up Light - Low (90-100)	31	0%
UH - Up Light - High (100-180)	24	0%
Total Up Light	55	1%
Total Lumens	7,002	100%

CPLED-13-4K-###-UNV (12,516 Lumens)



BUG Rating: B3-U3-G2

Zone	Lumens	%
FL - Front - Low (0-30)	1,073	9%
FM - Front - Medium (30-60)	3,115	25%
FH - Front - High (60-80)	1,871	15%
FVH - Front - Very High (80-90)	183	1%
Total Forward Light	6,241	50%
BL - Back - Low (0-30)	1,066	9%
BM - Back - Medium (30-60)	3,087	25%
BH - Back - High (60-80)	1,847	15%
BVH - Back - Very High (80-90)	182	1%
Total Back Light	6,182	49%
UL - Up Light - Low (90-100)	56	0%
UH - Up Light - High (100-180)	37	0%
Total Up Light	93	1%
Total Lumens	12,516	100%

Notes: (1) Isofootcandle plots depict initial footcandles at grade. (2) Gridlines represent units of mounting height of 15 feet.

WALLPACK



LXT WP

STANDARD



The LXT WP Series is a rugged, durable LED wall pack that provides full adjustability of the LED module, so light can be focused up, down, or anything in between. It is perfect for outdoor perimeter and area lighting. With a die cast aluminum housing and a polycarbonate lens, the LXT WP Series will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID wall packs.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.
- Long-life LEDs provide 61,000 hours of operation with at least 70% of initial lumen output (L₇₀).
- LXT WP provides 7,809 lumens and 128 lumens per watt (LPW) at 4000k, or 7,854 lumens and 129 LPW at 5000k.*
- LEDWPA80 provides 10,598 lumens and 134 LPW at both 4000k and 5000k.*
- Uniform illumination with no visible LED pixilation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 70.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Polycarbonate lens with seamless, silicone gasket to prevent leaks.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.

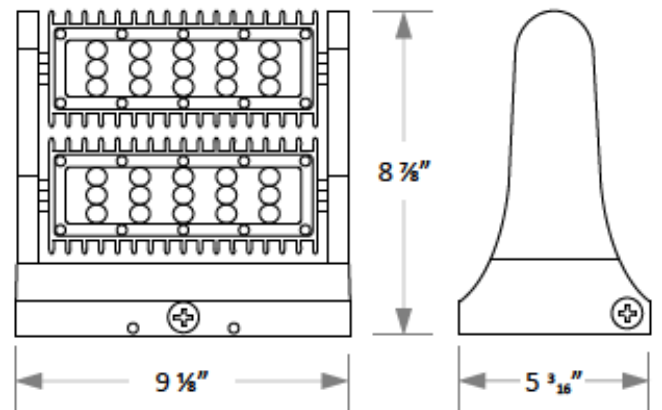
** L₇₀ hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 45°C / -4°F to 113°F).
- IP65 rated.
- DLC premium approved.
- Complies with FCC Part 15 class B.
- Complies with EN61000-4-5, surge immunity (4kV).
- 5-year warranty on all electronics and housing.

DIMENSIONS



Weight: 6.6 lb.

ORDERING INFORMATION

Part Number	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature
LXT WP 60W 50K	61	7,809	128	50K = 5000k
LXT WP 60W 40K	61	7,854	129	40K = 4000k
LXT WP 80W 50K	79	10,598	134	50K = 5000k
LXT WP 80W 40K	79	10,598	134	40K = 4000k

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ELECTRICAL

Part Number	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXT WP 60W 50K	4000k	> 70	7,809	61	128	120-277	0.51	0.25	0.22	> 90%	< 20%	61,000
LXT WP 60W 40K	5000k	> 70	7,854	61	129	120-277	0.51	0.25	0.22	> 90%	< 20%	61,000
LXT WP 80W 50K	4000k	> 70	10,598	79	134	120-277	0.66	0.33	0.29	> 90%	< 20%	61,000
LXT WP 80W 40K	5000k	> 70	10,598	79	134	120-277	0.66	0.33	0.29	> 90%	< 20%	61,000

¹ Color rendering index.

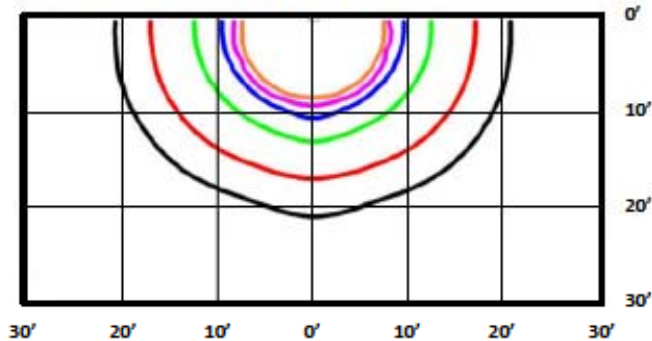
² All 50-60Hz.

³ Total harmonic distortion.

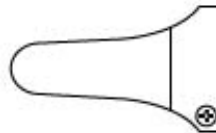
⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LXT WP 60W 50K (7,854 Lumens)



Luminaire Orientation:



BUG Rating: B4-U2-G1

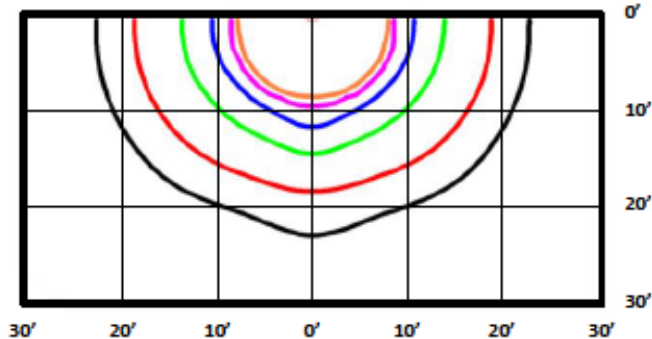
Zone	Lumens	%
FL - Front - Low (0-30)	3,381	43%
FM - Front - Medium (30-60)	720	9%
FH - Front - High (60-80)	84	1%
FVH - Front - Very High (80-90)	14	0%
Total Forward Light	4,200	53%

BL - Back - Low (0-30)	3,091	39%
BM - Back - Medium (30-60)	478	6%
BH - Back - High (60-80)	58	1%
BVH - Back - Very High (80-90)	4	0%
Total Back Light	3,631	46%

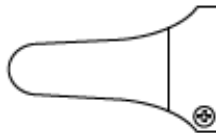
UL - Up Light - Low (90-100)	1	0%
UH - Up Light - High (100-180)	22	0%
Total Up Light	24	0%

Total Lumens 7,854 100%

LXT WP 80W 50K (10,598 Lumens)



Luminaire Orientation:



BUG Rating: B4-U2-G1

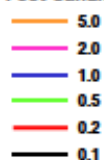
Zone	Lumens	%
FL - Front - Low (0-30)	4,278	40%
FM - Front - Medium (30-60)	898	8%
FH - Front - High (60-80)	109	1%
FVH - Front - Very High (80-90)	18	0%
Total Forward Light	5,304	50%

BL - Back - Low (0-30)	4,314	41%
BM - Back - Medium (30-60)	862	8%
BH - Back - High (60-80)	81	1%
BVH - Back - Very High (80-90)	5	0%
Total Back Light	5,262	50%

UL - Up Light - Low (90-100)	1	0%
UH - Up Light - High (100-180)	31	0%
Total Up Light	33	0%

Total Lumens 10,598 100%

Foot Candles



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 10 feet.

Distributed by:

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Monterrey, N.L. C.P. 64280, Mexico • 52 (81)8373 1100 • ventas@rocava.com.mx

LTX WP

STANDARD



LXT WPSN is a series of rugged, durable LED wall packs, which are perfect for outdoor perimeter and area lighting. With a die cast aluminum housing and a polycarbonate lens, the LXT WPSN will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID wall packs.

FEATURES

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperatures.
- Long-life LEDs provide 216,000 hours of operation with at least 70% of initial lumen output (L_{70}).
- LXT WP40SN provides 4,734 lumens & 115 lumens per watt (LPW) at 3000k; 4,751 lumens & 116 LPW at 4000k; or 4,817 lumens & 117 LPW at 5000k.*
- LXT WP60SN provides 6,983 lumens & 114 LPW at 3000k; or 7,052 lumens & 116 LPW at both 4000k and 5000k.*
- LXT WP80SN provides 9,768 lumens & 122 LPW at 3000k; or 9,885 lumens & 124 LPW at both 4000k and 5000k.*
- LXT WP100SN provides 11,967 lumens & 117 LPW at 3000k; 12,159 lumens & 119 LPW at 4000k; or 12,350 lumens & 121 LPW at 5000k.*
- LXT WP120SN provides 13,213 lumens & 119 LPW at 3000k; 13,589 lumens & 122 LPW at 4000k; or 13,966 lumens & 126 LPW at 5000k.*
- Uniform illumination with no visible LED pixilation.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Polycarbonate lens with seamless, silicone gasket to prevent leaks. Polycarbonate has F1 rating to avoid discoloration.
- Internal bubble level facilitates level installation.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.

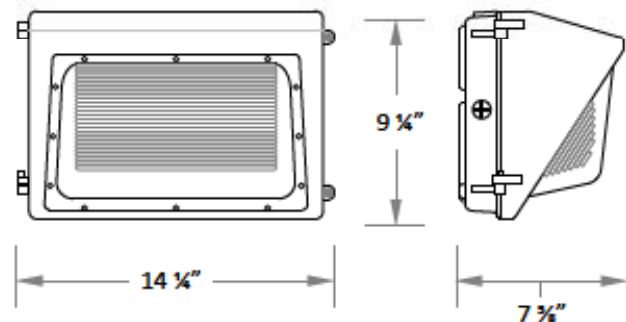
** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 45°C / -4°F to 113°F).
- IP65 rated.
- DLC standard approved.
- Complies with FCC Part 15 class B.
- Complies with EN61000-4-5, surge immunity (40W: 1.2kV; all others: 4kV).
- 5-year warranty on all electronics and housing.

DIMENSIONS



	40W	60W	80W	100W	120W
Weight (lbs.)	7.2	7.8	7.8	10.4	10.4

ORDERING INFORMATION

Model	Color Temperature	Luminaire Lumens	Luminaire Watts	Lumens Per Watt
LXT WP40SN	3K = 3000k	4,734	41	115
	4K = 4000k	4,751	41	116
	5K = 5000k	4,817	41	117
LXT WP60SN	3K = 3000k	6,983	61	114
	4K = 4000k	7,052	61	116
	5K = 5000k	7,052	61	116
LXT WP80SN	3K = 3000k	9,768	80	122
	4K = 4000k	9,885	80	124
	5K = 5000k	9,885	80	124
LXT WP100SN	3K = 3000k	11,967	102	117
	4K = 4000k	12,159	102	119
	5K = 5000k	12,350	102	121
LXT WP120SN	3K = 3000k	13,213	111	119
	4K = 4000k	13,589	111	122
	5K = 5000k	13,966	111	126

LTX WP

ELECTRICAL

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXT WP40SN	3000k	> 80	4,734	41	115	120-277	0.34	0.17	0.15	> 90%	< 20%	216,000
	4000k	> 80	4,751	41	116	120-277	0.34	0.17	0.15	> 90%	< 20%	216,000
	5000k	> 80	4,817	41	117	120-277	0.34	0.17	0.15	> 90%	< 20%	216,000
LXT WP60SN	3000k	> 80	6,983	61	114	120-277	0.51	0.25	0.22	> 90%	< 20%	216,000
	4000k	> 80	7,052	61	116	120-277	0.51	0.25	0.22	> 90%	< 20%	216,000
	5000k	> 80	7,052	61	116	120-277	0.51	0.25	0.22	> 90%	< 20%	216,000
LXT WP80SN	3000k	> 80	9,768	80	122	120-277	0.67	0.33	0.29	> 90%	< 20%	216,000
	4000k	> 80	9,885	80	124	120-277	0.67	0.33	0.29	> 90%	< 20%	216,000
	5000k	> 80	9,885	80	124	120-277	0.67	0.33	0.29	> 90%	< 20%	216,000
LXT WP100SN	3000k	> 80	11,967	102	117	120-277	0.85	0.43	0.37	> 90%	< 20%	216,000
	4000k	> 80	12,159	102	119	120-277	0.85	0.43	0.37	> 90%	< 20%	216,000
	5000k	> 80	12,350	102	121	120-277	0.85	0.43	0.37	> 90%	< 20%	216,000
LXT WP120SN	3000k	> 80	13,213	111	119	120-277	0.93	0.46	0.40	> 90%	< 20%	216,000
	4000k	> 80	13,589	111	122	120-277	0.93	0.46	0.40	> 90%	< 20%	216,000
	5000k	> 80	13,966	111	126	120-277	0.93	0.46	0.40	> 90%	< 20%	216,000

¹ Color rendering index.

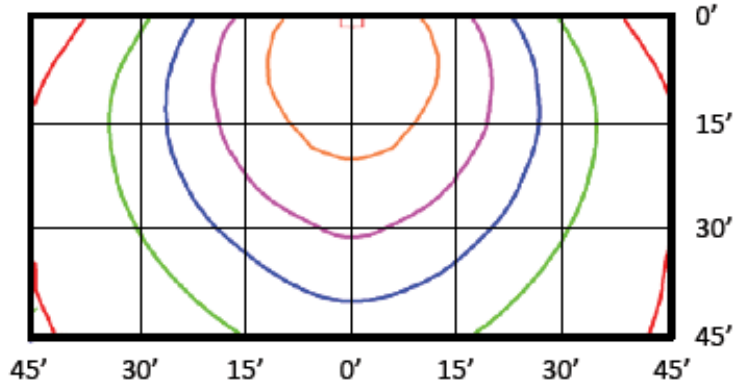
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LXT WP120SN-5K (13,966 Lumens)



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

Foot Candles



BUG Rating: B1-U3-G3

Zone	Lumens	%
FL - Front - Low (0-30)	1,511	11%
FM - Front - Medium (30-60)	3,889	28%
FH - Front - High (60-80)	3,088	22%
FVH - Front - Very High (80-90)	1,284	9%
Total Forward Light	9,772	70%
BL - Back - Low (0-30)	764	5%
BM - Back - Medium (30-60)	766	5%
BH - Back - High (60-80)	196	1%
BVH - Back - Very High (80-90)	36	0%
Total Back Light	1,762	13%
UL - Up Light - Low (90-100)	1,024	7%
UH - Up Light - High (100-180)	1,408	10%
Total Up Light	2,432	17%
Total Lumens	13,966	100%



LXT WPCA

STANDARD



The LXTWPCA series is a contemporary, commercial-grade area luminaire. It features a heavy-duty, spring-loaded hinge, which provides the flexibility of focusing light near the mounting surface or projecting light forward. With a die cast aluminum housing and a polycarbonate lens, the LXTWPCA series will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID area lights.

FEATURES

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L₇₀).[†]
- LEDWPCA30W delivers 3,099 lumens & 111 lumens per watt (LPW) at 3000k; 3,239 lumens & 116 LPW at 4000k; and 3,298 lumens & 118 LPW at 5000k.
- LEDWPCA50W delivers 4,920 lumens & 100 LPW at 3000k; 5,193 lumens & 106 LPW 4000k, and 5,287 lumens & 108 LPW at 5000k.
- Heavy-duty, spring-loaded hinge provides the flexibility of focusing light near the mounting surface or projecting light forward.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Watertight, compression-type electrical connectors prevent moisture intrusion.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Durable, UV-resistant polycarbonate lens.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit, or for button photocells.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.
[†] L₇₀ hours are IES TM-21-11 calculated hours.

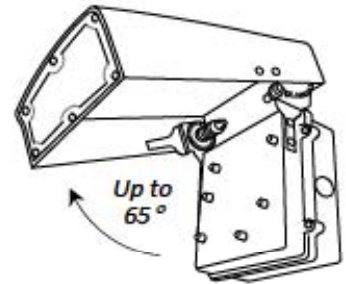


WARRANTY & LISTINGS

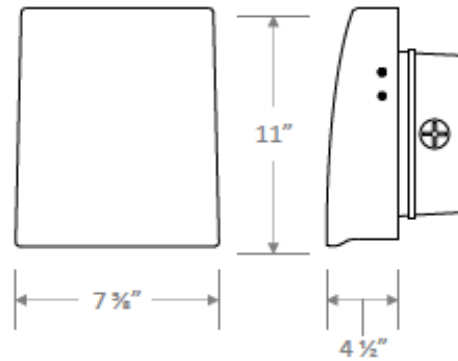
- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- DLC standard approved.
- Complies with FCC Part 15 class B.
- Complies with EN61000-4-5, surge immunity (1kV).
- 5-year warranty on all electronics and housing.

VERTICAL ADJUSTABILITY

- Heavy-duty, spring-loaded hinge provides vertical adjustability of the luminaire housing up to 65°.
- Adjustability provides for a range of lighting effects from full-cutoff downlight to forward throw.
- Knurled notches securely retain rotated position even in demanding environments.



DIMENSIONS



Weight: 4.0 lb.

ORDERING INFORMATION

Model	Color Temperature	Luminaire Lumens	Luminaire Watts	Lumens Per Watt
LXTWPCA30W-3K	3000k	3,099	28	111
LXTWPCA30W-4K	4000k	3,239	28	116
LXTWPCA30W-5K	5000k	3,298	28	118
LXTWPCA50W-3K	3000k	4,920	49	100
LXTWPCA50W-4K	4000k	5,193	49	106
LXTWPCA50W-5K	5000k	5,287	49	108

ELECTRICAL

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LXTWPCA30W-3K	3000k	> 80	3,099	28	111	120-277	0.23	0.12	0.10	> 90%	< 20%	69,000
LXTWPCA30W-4K	4000k	> 80	3,239	28	116	120-277	0.23	0.12	0.10	> 90%	< 20%	69,000
LXTWPCA30W-5K	5000k	> 80	3,298	28	118	120-277	0.23	0.12	0.10	> 90%	< 20%	69,000
LXTWPCA50W-3K	3000k	> 80	4,920	49	100	120-277	0.41	0.20	0.18	> 90%	< 20%	69,000
LXTWPCA50W-4K	4000k	> 80	5,193	49	106	120-277	0.41	0.20	0.18	> 90%	< 20%	69,000
LXTWPCA50W-5K	5000k	> 80	5,287	49	108	120-277	0.41	0.20	0.18	> 90%	< 20%	69,000

¹ Color rendering index.

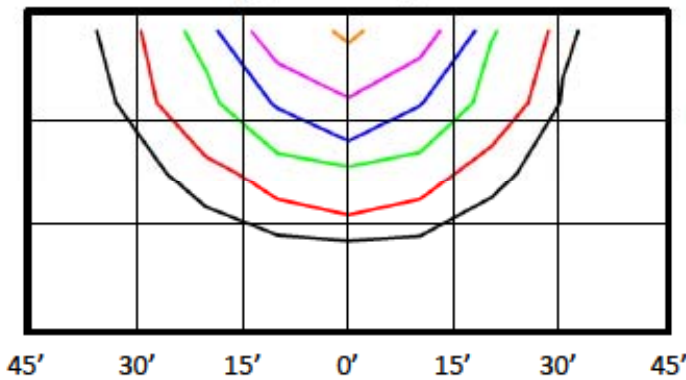
² All 50-60Hz.

³ Total harmonic distortion.

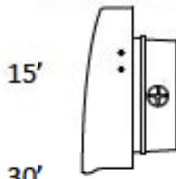
⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LXTWPCA30W-5K (3,298 Lumens)



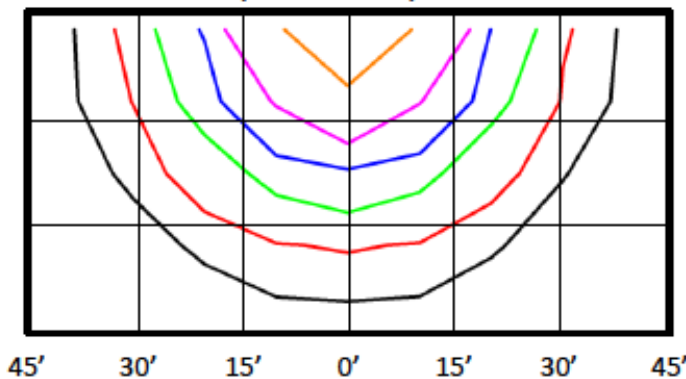
0' Luminaire Orientation:



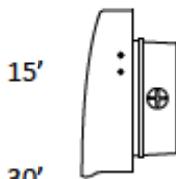
BUG Rating: B2-U0-G1

Zone	Lumens	%
FL - Front - Low (0-30)	565	17%
FM - Front - Medium (30-60)	895	27%
FH - Front - High (60-80)	214	6%
FVH - Front - Very High (80-90)	9	0%
Total Forward Light	1,683	51%
BL - Back - Low (0-30)	550	17%
BM - Back - Medium (30-60)	836	25%
BH - Back - High (60-80)	210	6%
BVH - Back - Very High (80-90)	20	1%
Total Back Light	1,615	49%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	3,298	100%

LXTWPCA50W-5K (5,287 Lumens)



0' Luminaire Orientation:



BUG Rating: B2-U0-G1

Zone	Lumens	%
FL - Front - Low (0-30)	980	19%
FM - Front - Medium (30-60)	1,699	32%
FH - Front - High (60-80)	443	8%
FVH - Front - Very High (80-90)	25	0%
Total Forward Light	3,147	60%
BL - Back - Low (0-30)	779	15%
BM - Back - Medium (30-60)	1,070	20%
BH - Back - High (60-80)	264	5%
BVH - Back - Very High (80-90)	27	1%
Total Back Light	2,140	40%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	5,287	100%

Foot Candles

- 5.0
- 2.0
- 1.0
- 0.5
- 0.2
- 0.1

Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.



LXT WPCA



STANDARD



The LEDWPCA series is a contemporary, commercial-grade area luminaire. It features a heavy-duty, spring-loaded hinge, which provides the flexibility of focusing light near the mounting surface, or projecting light forward. With a die cast aluminum housing and a polycarbonate lens, the LEDWPCA series will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID area lights.

FEATURES

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L₇₀).**
- LEDWPCA80W delivers 8,821 lumens & 110 lumens per watt (LPW) at 3000k; 9,056 lumens & 113 LPW at 4000k; and 9,241 lumens & 116 LPW at 5000k.*
- LEDWPCA120W delivers 13,796 lumens & 111 lumens per watt (LPW) at both 3000k & 4000k, and 14,227 lumens & 115 LPW at 5000k.*
- Heavy-duty, spring-loaded hinge provides the flexibility of focusing light near the mounting surface or projecting light forward.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Watertight, compression-type electrical connectors prevent moisture intrusion.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Durable, UV-resistant polycarbonate lens.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit, or for button photocells.
- Easy installation in new construction or retrofit.

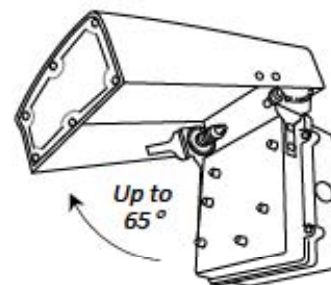
* Contact factory for other color temperatures and lumen packages.
 ** L₇₀ hours are IES TM-21-11 calculated hours.

WARRANTY & LISTINGS

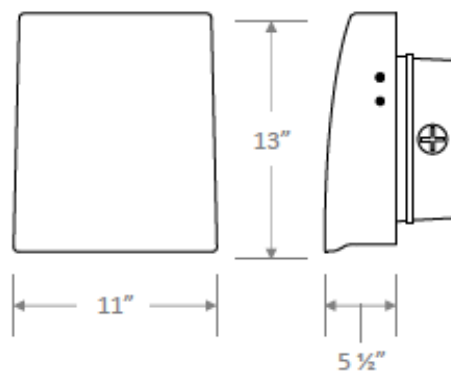
- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- DLC standard approved*.
- Complies with FCC Part 15 class B.
- Complies with EN61000-4-5, surge immunity (2kV LEDWPCA80W, 4kV LEDWPCA120W).
- 5-year warranty on all electronics and housing.

VERTICAL ADJUSTABILITY

- Heavy-duty, spring-loaded hinge provides vertical adjustability of the luminaire housing up to 65°.
- Adjustability provides for a range of lighting effects from full-cutoff downlight to forward throw.
- Knurled notches securely retain rotated position even in demanding environments.



DIMENSIONS



Weight: 5.0 lb.

ORDERING INFORMATION

Model	Color Temperature	Luminaire Lumens	Luminaire Watts	Lumens Per Watt
LEDWPCA80W-3K	3000k	8,821	80	110
LEDWPCA80W-4K	4000k	9,056	80	113
LEDWPCA80W-5K	5000k	9,241	80	116
LEDWPCA120W-3K*	3000k	13,106	124	106
LEDWPCA120W-4K	4000k	13,796	124	111
LEDWPCA120W-5K	5000k	14,227	124	115

* Note: Model LEDWPCA120W-3K is not DLC listed, and luminaire lumens are estimated at 95% of LEDWPCA120W-4K lumens.

ELECTRICAL

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LEDWPCA80W-3K	3000k	> 80	8,821	110	80	120-277	0.67	0.33	0.29	> 90%	< 20%	69,000
LEDWPCA80W-4K	4000k	> 80	9,056	113	80	120-277	0.67	0.33	0.29	> 90%	< 20%	69,000
LEDWPCA80W-5K	5000k	> 80	9,241	116	80	120-277	0.67	0.33	0.29	> 90%	< 20%	69,000
LEDWPCA120W-3K*	3000k	> 80	13,106	106	124	120-277	1.04	0.52	0.45	> 90%	< 20%	69,000
LEDWPCA120W-4K	4000k	> 80	13,976	111	124	120-277	1.04	0.52	0.45	> 90%	< 20%	69,000
LEDWPCA120W-5K	5000k	> 80	14,227	115	124	120-277	1.04	0.52	0.45	> 90%	< 20%	69,000

¹ Color rendering index.

² All 50-60Hz.

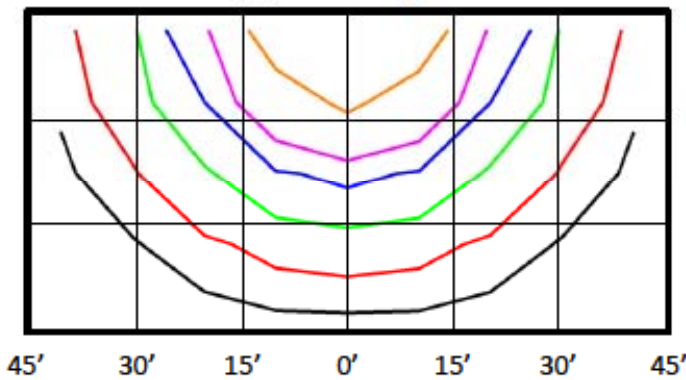
³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

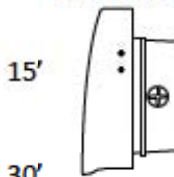
* Note: Model LEDWPCA120W-3K is not DLC listed, and luminaire lumens are estimated at 95% of LEDWPCA120W-4K lumens.

PHOTOMETRIC DATA

LEDWPCA80W-5K (9,241 Lumens)



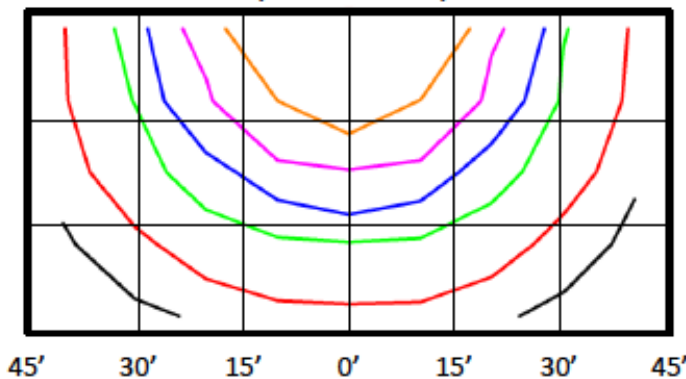
0' Luminaire Orientation:



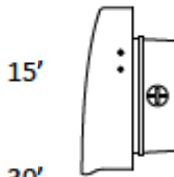
BUG Rating: B3-U0-G1

Zone	Lumens	%
FL - Front - Low (0-30)	1,541	17%
FM - Front - Medium (30-60)	2,653	29%
FH - Front - High (60-80)	689	7%
FVH - Front - Very High (80-90)	40	0%
Total Forward Light	4,923	53%
BL - Back - Low (0-30)	1,596	17%
BM - Back - Medium (30-60)	2,158	23%
BH - Back - High (60-80)	515	6%
BVH - Back - Very High (80-90)	49	1%
Total Back Light	4,318	47%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	9,241	100%

LEDWPCA120W-5K (14,227 Lumens)



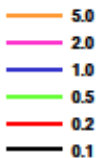
0' Luminaire Orientation:



BUG Rating: B3-U0-G1

Zone	Lumens	%
FL - Front - Low (0-30)	2,307	16%
FM - Front - Medium (30-60)	3,961	28%
FH - Front - High (60-80)	1,061	7%
FVH - Front - Very High (80-90)	66	0%
Total Forward Light	7,394	52%
BL - Back - Low (0-30)	2,467	17%
BM - Back - Medium (30-60)	3,531	25%
BH - Back - High (60-80)	768	5%
BVH - Back - Very High (80-90)	67	0%
Total Back Light	6,833	48%
UL - Up Light - Low (90-100)	0	0%
UH - Up Light - High (100-180)	0	0%
Total Up Light	0	0%
Total Lumens	14,227	100%

Foot Candles



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

SMART STREET LIGHT



LXT -SSL SMART STREET LIGHT



Features

Flexible performance: light-operated + Human induction

Intelligent: In daylight will automatic turn off. In dark night, when nobody will with weak light, when someone approaching will with strong light, wiring free, zero electric charge.

Usage: Campus, city square, Garden, Road, village etc.

Waterproof IP65 Rating.

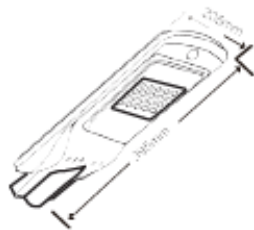
Specs

Imported LED Chip, energy conservation and environment protection, High Color Rendering Index, low energy-con- sumption, Zero pollution, Long lifetime.

Poly-crystalline solar panel, Improve battery chargingefficiency, Can be exposed and in the rain for a long time but will not be yellow.

Use Road photoelectric PC Lens Design, meet pavement irradiation requirements

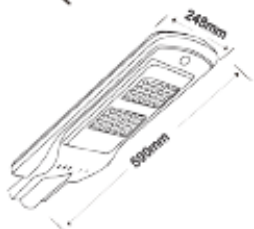
Radar induction, light-operated, after nightfall the light turn on with weak light, when people approaching it turn to brighter for 15 seconds, in daytime the light automatic turn off.



20 Leds

MODEL LXT-SSL-20

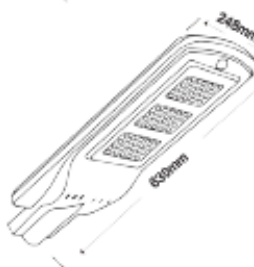
Color	Color Temp
Cold White	6500K
Neutral White	4000K
Warm White	3000K



40 Leds

MODEL LXT-SSL-40

Color	Color Temp
Cold White	6500K
Neutral White	4000K
Warm White	3000K

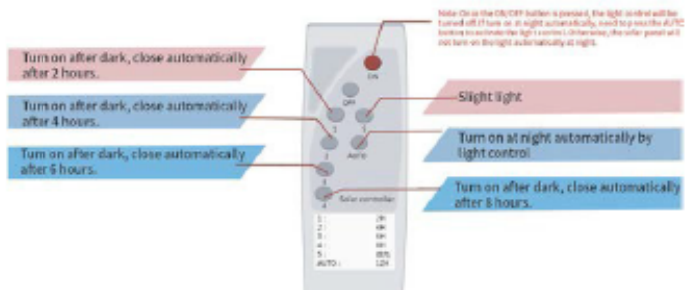


60 Leds

MODEL LXT-SSL-60

Color	Color Temp
Cold White	6500K
Neutral White	4000K
Warm White	3000K

Remote Control Features





Specifications

Model number	LEDS	Size(mm)	Battery Type*	Ra	Lumen Output	Solar panel power	Installation Height	Warranty
LXT-SSL-20Leds	20	395×205×55	3.2V /8000mAH	80	1200lm	7W/6V	3-4m	5 Years
LXT-SSL-40Leds	40	500×248×66	3.2V /8000mAH	80	1400lm	10 W/6V	4-5m	5 Years
LXT-SSL-60Leds	60	630×248×66	3.6V/20000mAH.	80	3500lm	14 W/6V	5-6m	5 Years

*Lithium Iron Phosphate Battery

Light Distribution Curve (Unit:cd) and Lux distance Curve

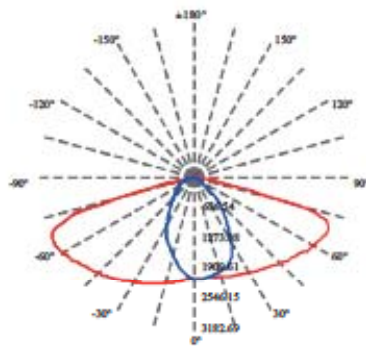
20

LXT-SSL-20

LED 20

IRC: 80

WARRANTY: 5 YEARS



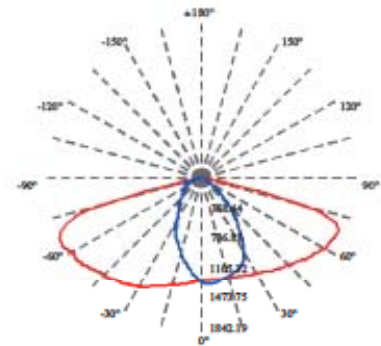
40

LXT-SSL-40

LED 40

IRC: 80

WARRANTY: 5 YEARS



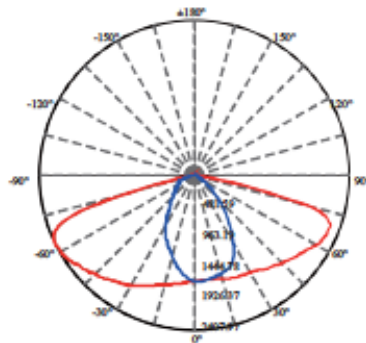
60

LXT-SSL-60

LED 60

IRC: 80

WARRANTY: 5 YEARS





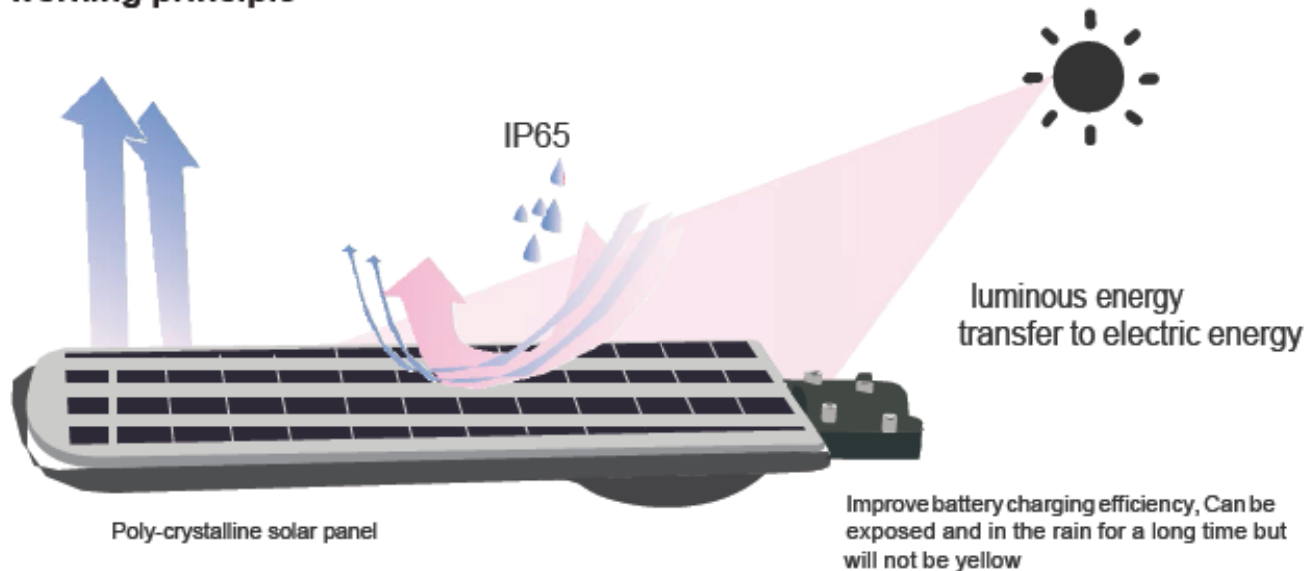
How it works

LED SMART SOLAR STREET LIGHT charging in daytime lighting in dark night zero electric charge for whole year

Radar induction, light-operated, after nightfall the light turn on with weak light, when people approaching it turn to brighter for 15 seconds, in

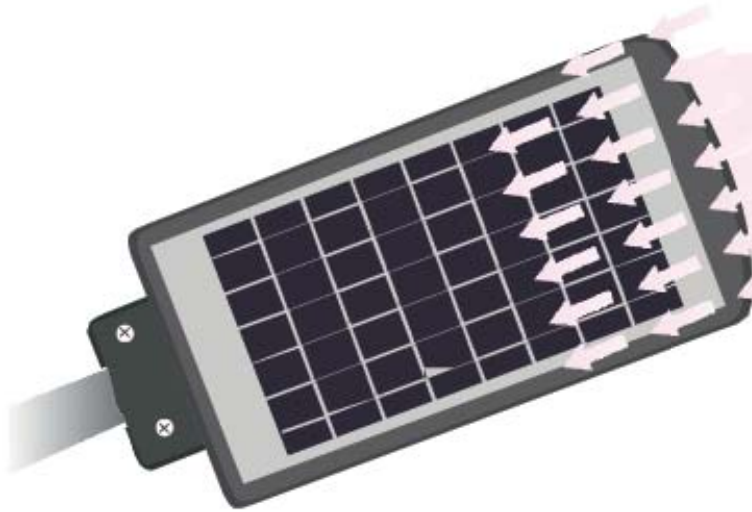


working principle





Charging time: 6-8 hours
Working time:
Under full power can work 40 hours



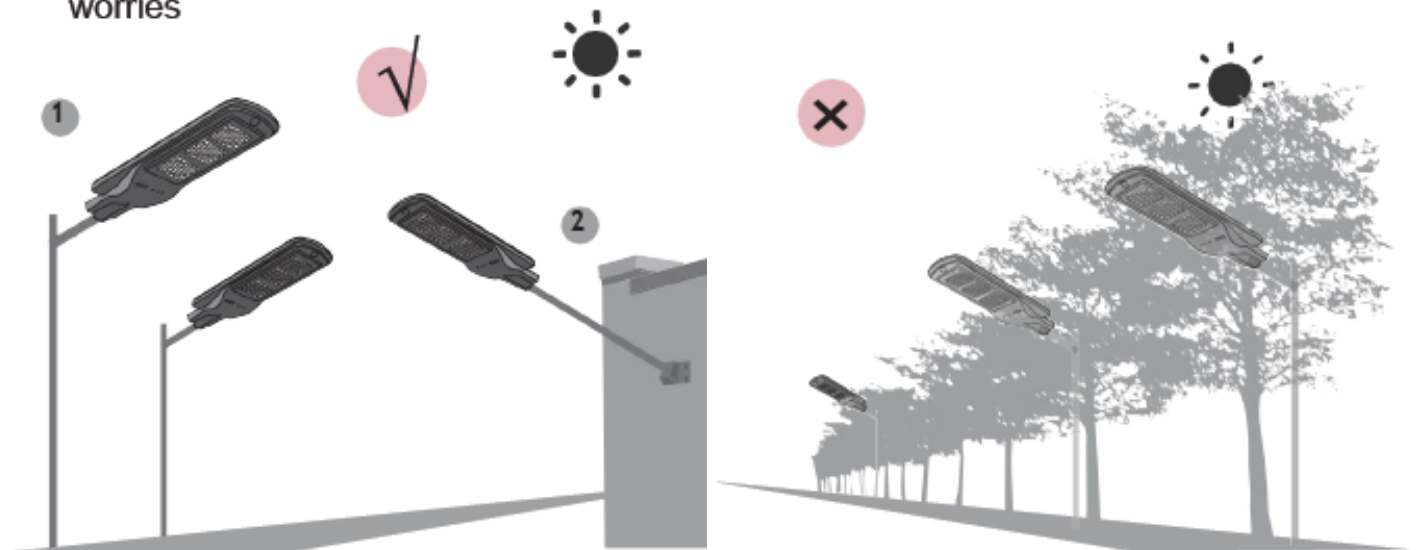
Note: Solar panel could charge lightly by natural daylight. On cloudy days, battery charge will reduce. Working days beyond the nominal days of cloudy and rainy days, the luminaires will be insufficient brightness or stop protecting output which causes not-working situation.

it will be back to normal after charging in sufficient sunlight

Installation method

High-pole installation and wall installation, save much money and worries

Usage: Campus, city square, Garden, Road, village etc



Note: the installation place should be in open area (no trees or buildings sheltering the solar panel)