

Date: _____ Location: _____
 Product: _____ Project: _____
 Quantity: _____ Catalog #: _____

LED LOC-LWAL Area Light Series



80W - 150W



250W - 320W

Special Order:

- 480V models
- Other CCTs
- Type 2 lens
- Type 4 lens
- Type 5 lens

CONSTRUCTION:

Die-cast aluminum housing treated by anodic oxidation. 2 holes in the center for better heat sink. Driver is easily accessible.

OPTICAL SYSTEM:

Bridgelux SMD 3030 LED chips. 120° beam angle. Type 3 lens standard.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

ELECTRICAL:

Available as 120-347V or 200-480V input. 10KV surge protection. -40°C to 50°C, -40°F to 122°F

INSTALLATION & MOUNTING:

Pole Mounting. Extruded Arm (round or square pole), Slip Fitter, Slip Fitter Extruded Arm (round or square pole) or Trunnion.

CONTROLS & DIMMING:

0-10V dimming comes standard with LV models only. Motion sensor, photocell and remote-control options available with LV models only.

FEATURES

- IP66 rated – wet location
- Corrosion and rust proof
- Sensors install in the front
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Warehouses
- Stadiums
- Factories
- Supermarkets
- Logistic Centers
- Exhibition Halls



120-347V Models

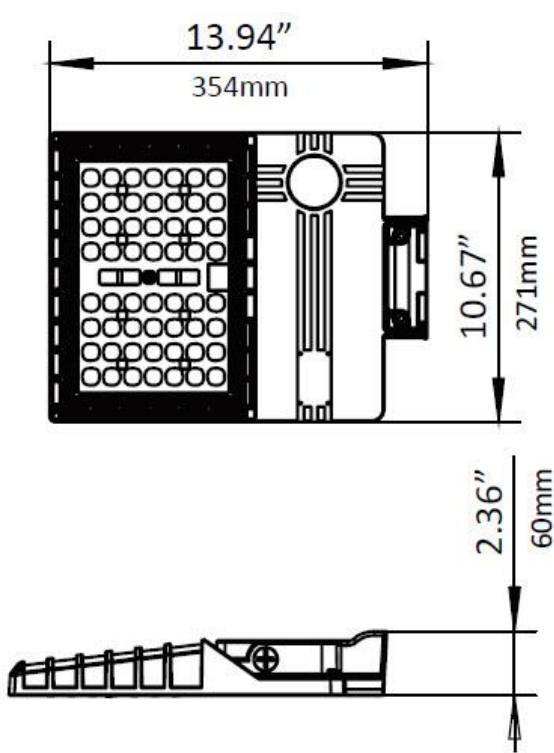
MODEL NUMBER – 5,000K	LENS	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD	REPLACES
LOC-LWAL-80W50KD-T3LV[MS;NS]Z	Type 3	80W	11,496.7LM	145.49LM/W	70	0.9	15%	175W – 250W HID
LOC-LWAL-100W50KD-T3LV[MS;NS]Z	Type 3	100W	13,579.7LM	141.15LM/W	70	0.9	15%	250W – 400W HID
LOC-LWAL-150W50KD-T3LV[MS;NS]Z	Type 3	150W	21,578.8LM	138.52LM/W	70	0.9	15%	400W – 600W HID
LOC-LWAL-320W50KD-T3LV[MS;NS]Z	Type 3	320W	42,941.5LM	138.8LM/W	70	0.9	15%	750W – 1,000W HID

200-480V Models

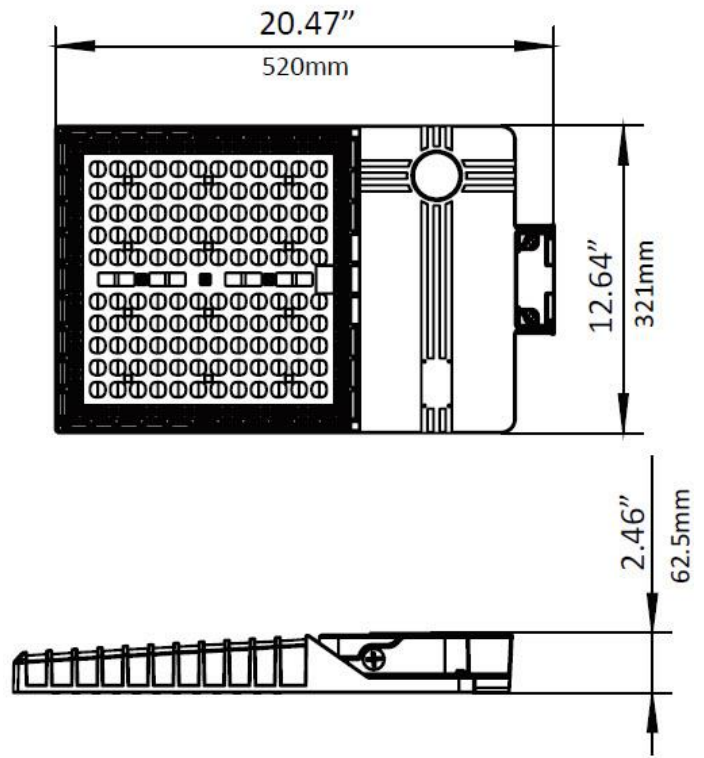
MODEL NUMBER – 5,000K	LENS	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD	REPLACES
LOC-LWAL-100W50KD-T3HV[MS;NS]Z	Type 3	100W	14,499.2LM	142.85LM/W	70	0.9	15%	250W – 400W HID
LOC-LWAL-250W50KD-T3HV[MS;NS]Z	Type 3	250W	37,145.9LM	145.03LM/W	70	0.9	15%	600W – 750W HID
LOC-LWAL-320W50KD-T3HV[MS;NS]Z	Type 3	320W	46,909.5LM	145.13LM/W	70	0.9	15%	750W – 1,000W HID

Series	Wattage	CCT Option	Dimming Options for LV models only	Lens
LOC-LWAL	80W 100W 150W 250W 320W	5000K	0-10V Dimming Integrated Motion Sensor	T3 = Type 3 lens
Voltage	Optional			
LV = 120-347VAC HV = 277-480VAC	Microwave Sensor Emergency Backup			

MEASUREMENTS (120-480V)



80W - 150W



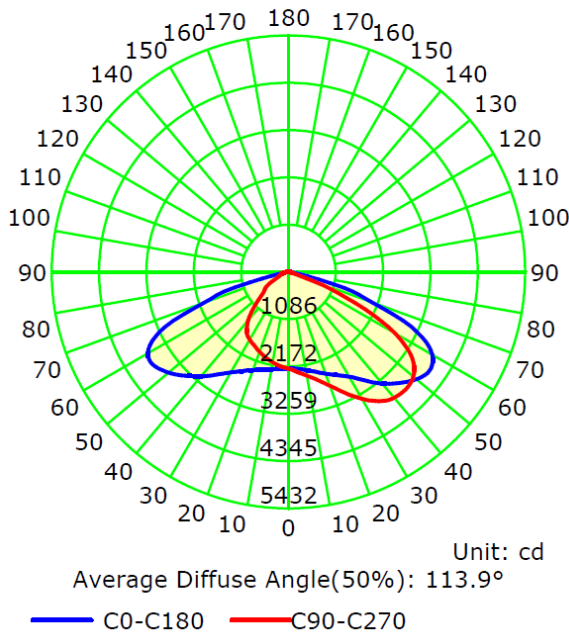
250W - 320W

MODEL	QUANTITY	WEIGHT	UPC CODE
LOC-LWAL-80W50KD-T3LV[MS;NS]Z	1	7.94 lbs	00815586029082
LOC-LWAL-100W50KD-T3LV[MS;NS]Z	1	7.94 lbs	00815586029099
LOC-LWAL-150W50KD-T3LV[MS;NS]Z	1	7.94 lbs	00815586029105
LOC-LWAL-320W50KD-T3LV[MS;NS]Z	1	16.31 lbs	00815586029129
LOC-LWAL-100W50KD-T3HV[MS;NS]Z	1	7.94 lbs	00815586029440
LOC-LWAL-250W50KD-T3HV[MS;NS]Z	1	16.31 lbs	00815586029464
LOC-LWAL-320W50KD-T3HV[MS;NS]Z	1	16.31 lbs	00815586029471

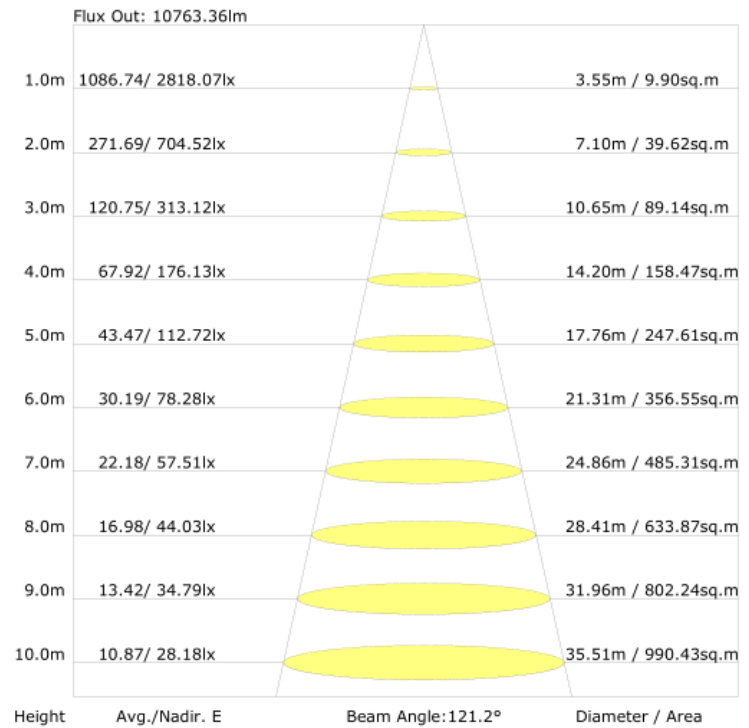
80W

BUG Rating: B3-U3-G2

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



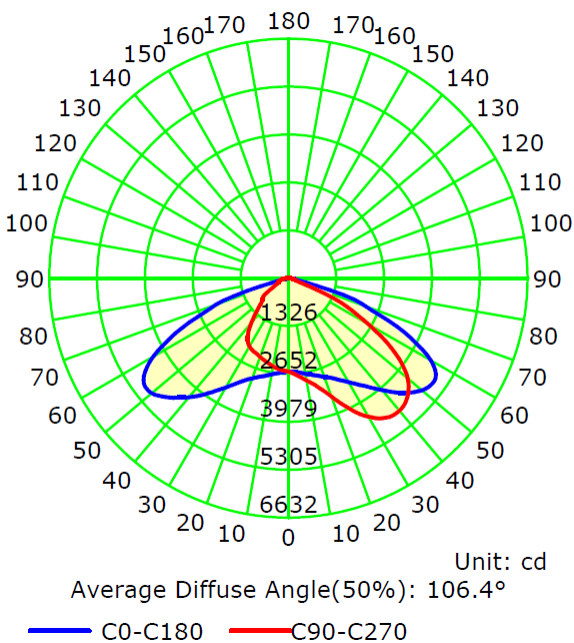
EPA:

Single	2*180°	2*90°	3*90°	3*120°	4*90°
0.636	1.279	1.001	1.637	1.335	2.003

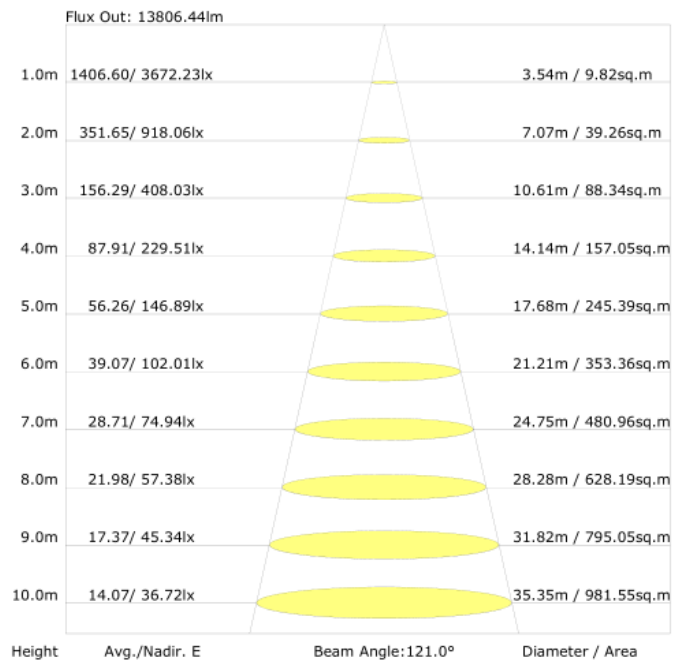
100W

BUG Rating: B3-U3-G2

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



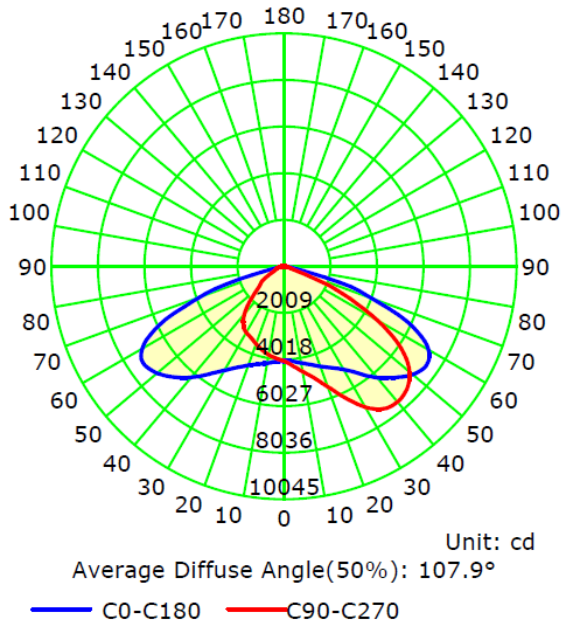
150W

BUG Rating: B3-U3-G2

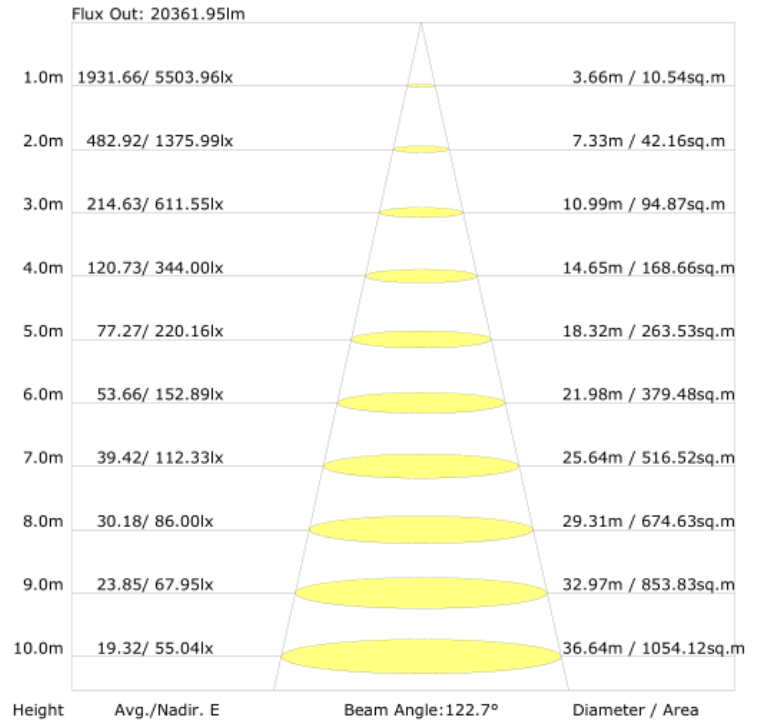
EPA:

Single	2*180°	2*90°	3*90°	3*120°	4*90°
0.636	1.279	1.001	1.637	1.335	2.003

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



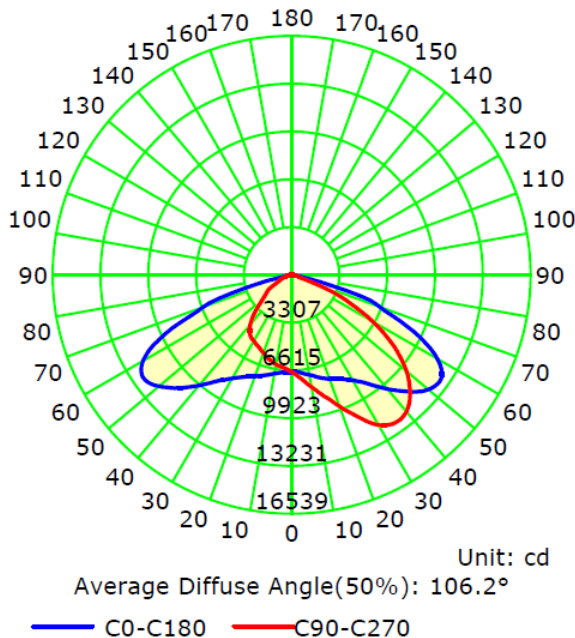
250W

BUG Rating: B4-U3-G3

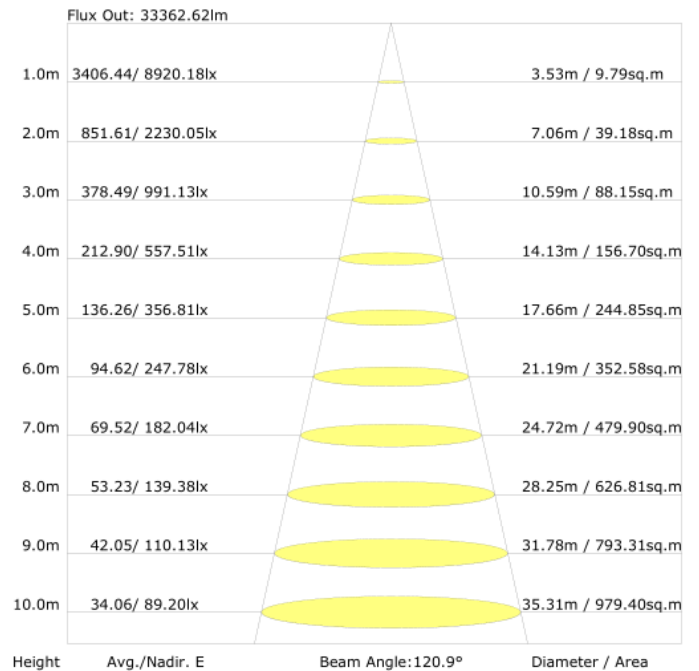
EPA:

Single	2*180°	2*90°	3*90°	3*120°	4*90°
1.012	2.036	1.592	2.604	2.125	3.187

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



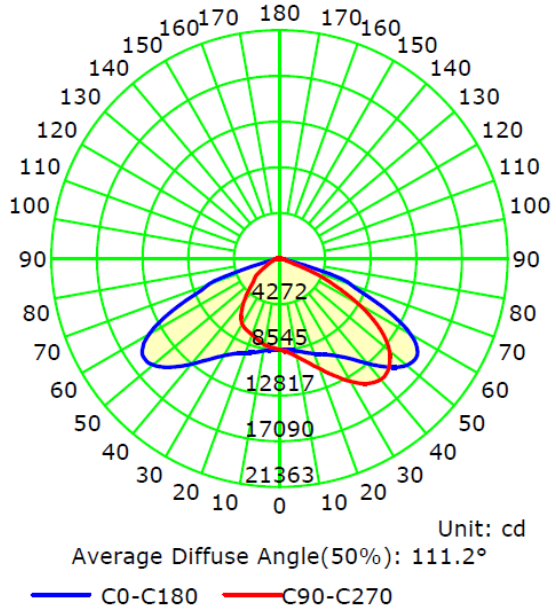
EPA:

320W

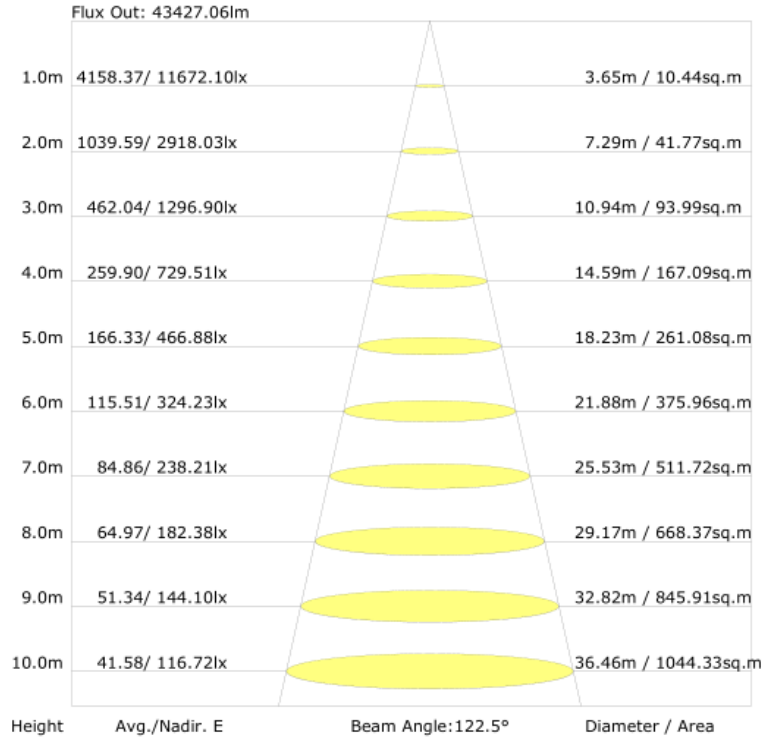
BUG Rating: B4-U3-G3

Single	2*180°	2*90°	3*90°	3*120°	4*90°
1.012	2.036	1.592	2.604	2.125	3.187

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



OPTIONAL ACCESSORIES (FOR LV MODELS ONLY)



Motion Sensor
HD06VCRH
(compatible with remote control)



Remote Control
LOC-GDHB-HD05R



Photocell
HS05
(compatible with remote control)

MOUNTING OPTIONS



Extruded Arm



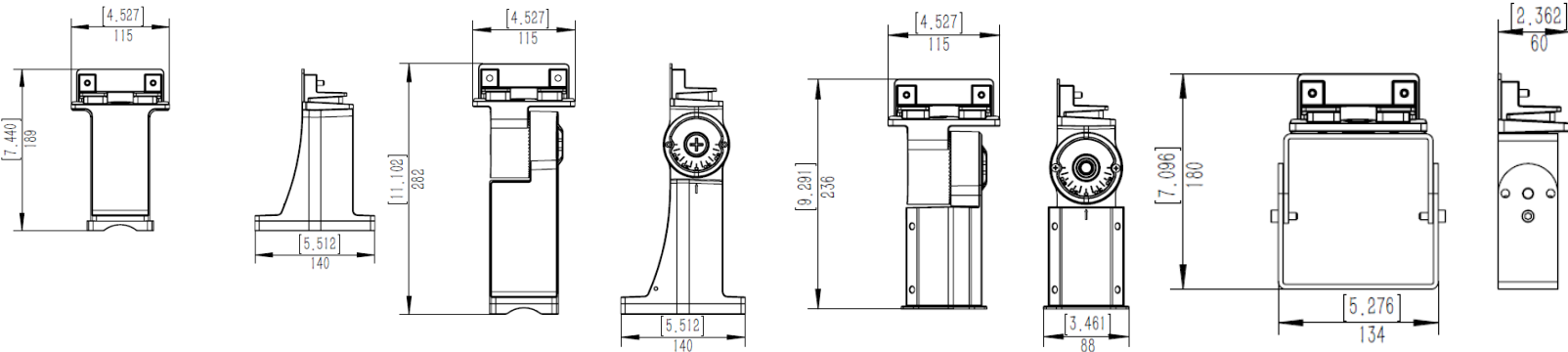
Slip Fitter Extruded Arm



Slip Fitter



Trunion



Dimensions for Screw Holes

