

LED MCL V2 Corn Light Series

FEATURES

- IP42 rated
- Non-dimming
- No fans or moving parts providing increased reliability
- No lead or mercury
- 50,000 hours lifetime

SUITABLE APPLICATIONS

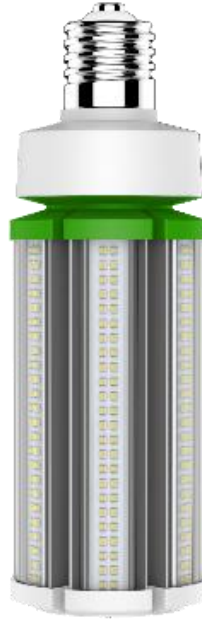
- Area lighting
- Parking decks
- Auto dealerships
- High masts
- Housing complexes
- Shopping malls
- Sporting complexes
- Parks and Recreational areas
- Municipal lots



12W



45W



63W

CONSTRUCTION:

Extruded aluminum alloy to be more conductive to heat dissipation with PC cover. Temperature sensor.

OPTICAL SYSTEM:

Samsung 2835 LED chips. 360° beam angle. High quality tempered glass optics.

WARRANTY:

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

ELECTRICAL:

Available as 100-277V input. -40°C to 60°C, -40°F to 140°F

INSTALLATION & MOUNTING:

E39 screw in base. No ballast required. Suitable for enclosed fixtures.



MODEL NUMBER – 5,000K	BASE	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD	REPLACES
LOD-MCL-12W50KHL-V2 **	E26	12W	1,345.5LM	115.4LM/W	84.3	0.927	13.4%	50W HID
LOD-MCL-45W50KHL-V2	E39	45W	5,027.5LM	112.8LM/W	84.1	0.927	9.7%	200W HID
LOD-MCL-63W50KHL-V2	E39	63W	6,910.7LM	111.5LM/W	84.1	0.918	14%	250W HID

** = Non DLC Listed

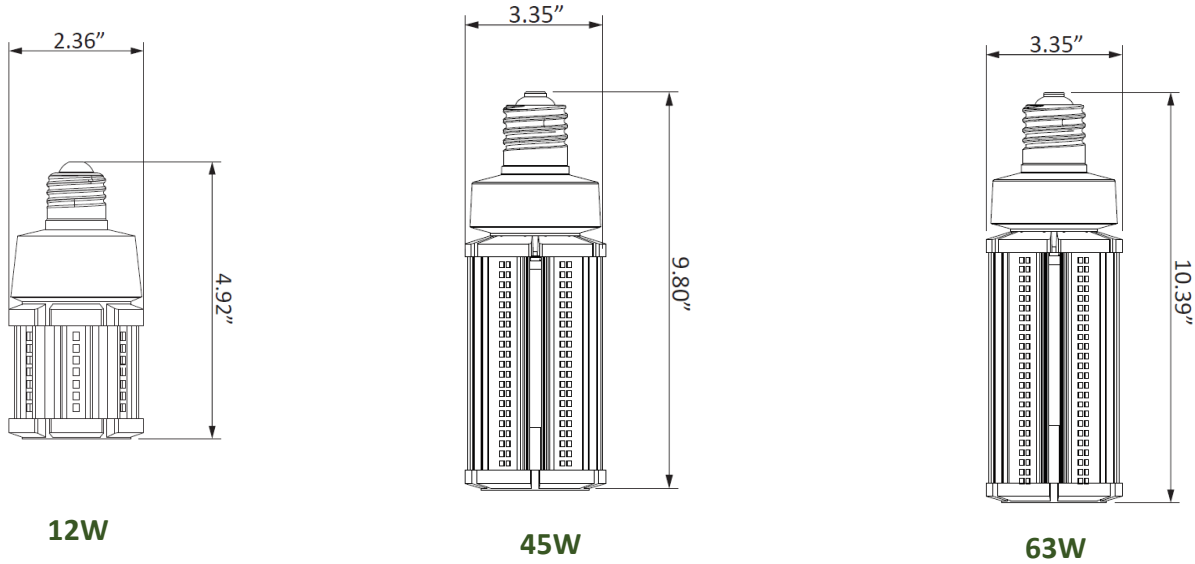
DLC Product ID:

- LOD-MCL-45W50KHL-V2 – PLN5QOQGYYW8
- LOD-MCL-63W50KHL-V2 – PLFIJQ3GER6

LED MCL V2 Corn Light Series

Series	Wattage	Color Temperature	Type	Version
LOD-MCL	12W 45W 63W	5000K	HL = High Lumen	V2 = Version 2

MEASUREMENTS



MODEL	QUANTITY	WEIGHT	UPC CODE
LOD-MCL-12W50KHL-V2	1	0.46 lbs	00815586023233
LOD-MCL-45W50KHL-V2	1	1.60 lbs	00815586023264
LOD-MCL-63W50KHL-V2	1	1.80 lbs	00815586023288

OPTIONAL ACCESSORIES



LOC-L11-01
Daylight Sensor



LOC-L12-01
Microwave Sensor

NOTE: These accessories are NOT able to work with the 12W or 27W corn light models.



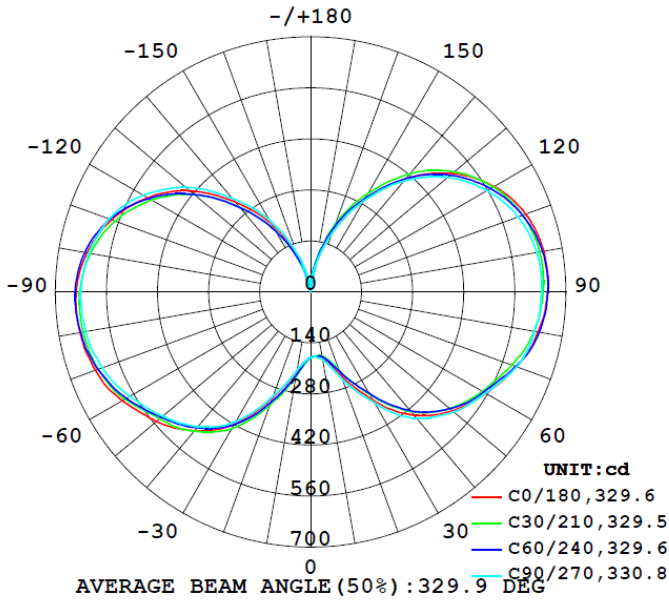
LOC-L10-01
WiFi Smart Sensor



LOC-L07-01
3 in 1 Dimming



45W

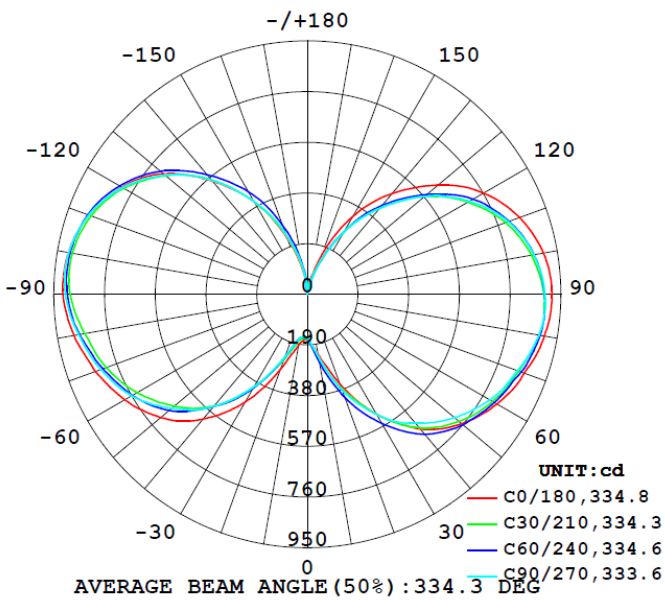


Flux out: 684.6 lm

Height	Eavg, Emax	Angle: 90.00deg	Diameter
1m	217.9, 286.3lx		200.00cm
2m	54.48, 71.57lx		400.00cm
3m	24.21, 31.81lx		600.00cm
4m	13.62, 17.89lx		800.00cm
5m	8.716, 11.45lx		1000.00cm
6m	6.053, 7.952lx		1200.00cm
7m	4.447, 5.843lx		1400.00cm
8m	3.405, 4.473lx		1600.00cm
9m	2.690, 3.534lx		1800.00cm
10m	2.179, 2.863lx		2000.00cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

63W



Flux out: 851.7 lm

Height	Eavg, Emax	Angle: 90.00deg	Diameter
1m	271.1, 365.3lx		200.00cm
2m	67.78, 91.33lx		400.00cm
3m	30.12, 40.59lx		600.00cm
4m	16.94, 22.83lx		800.00cm
5m	10.84, 14.61lx		1000.00cm
6m	7.531, 10.15lx		1200.00cm
7m	5.533, 7.455lx		1400.00cm
8m	4.236, 5.708lx		1600.00cm
9m	3.347, 4.510lx		1800.00cm
10m	2.711, 3.653lx		2000.00cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.