

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

LED Barn Light (Dusk to Dawn) Series



FEATURES

- Default Wattage: 65W
- Default CCT: 5,000K
- ON / OFF Photocell switch
- IP66 rated
- Corrosion resistant
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Commercial buildings
- Schools
- Barns
- Yards & Loading Docks
- Streets

CONSTRUCTION:

Cold forged aluminum housing with PC lens

OPTICAL SYSTEM:

SMD 2835 LED chips. 140° beam

WARRANTY:

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

ELECTRICAL:

Available as 120-277V input. -40°C to 45°C

INSTALLATION & MOUNTING:

Wall Mount or Arm Mount

Minimum Pole Size: 1.48"

Maximum Pole Size: 16.1"



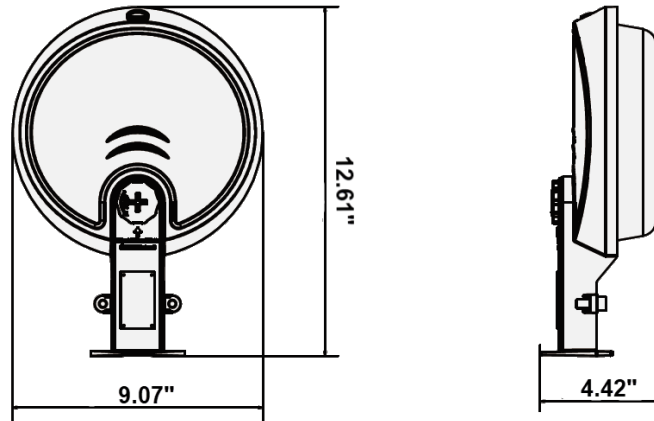
MODEL NUMBER	WATTAGE	LUMENS	EFFICACY	CRI	POWER FACTOR	THD
LOC-BL-MW(35/50/65)MCCT(30/40/50)	35W	4,396.7LM	125.62LM/W	72.1	0.8923	18.86%
LOC-BL-MW(35/50/65)MCCT(30/40/50)	50W	6,281LM	125.62LM/W	72.1	0.8923	18.86%
LOC-BL-MW(35/50/65)MCCT(30/40/50)	65W	8,074.6LM	125.62LM/W	72.1	0.8923	18.86%

DLC Product ID:

- LOC-BL-MW(35/50/65)MCCT(30/40/50) – PL5630Y2HXDH

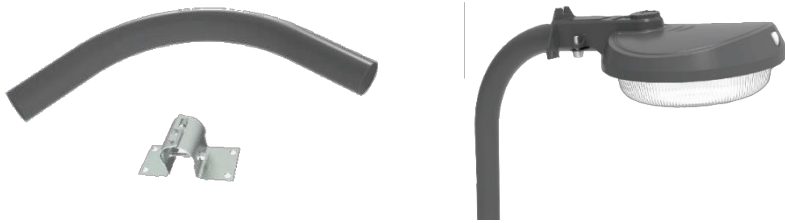


MEASUREMENTS



MODEL	QUANTITY	WEIGHT	UPC CODE
LOC-BL-MW(35/50/65)MCCT(30/40/50)	1	3.31 lbs	00810050940368

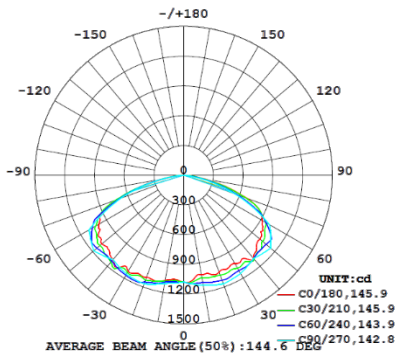
OPTIONAL ACCESSORIES



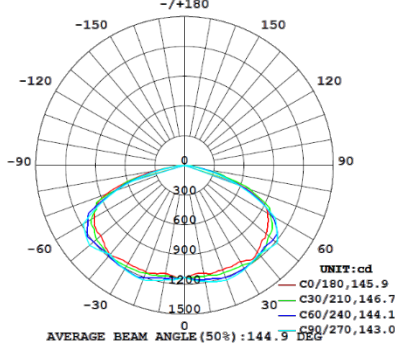
Arm Mount

PHOTOMETRIC DATA

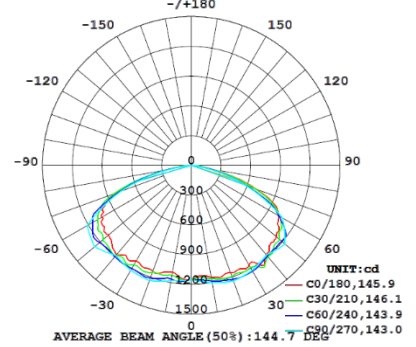
35W 3,000K



35W 4,000K



35W 5,000K



Flux out:4385 lm

1m	156.3,10921x	593.76cm
2m	39.07,273.11x	1187.52cm
3m	17.36,121.41x	1781.29cm
4m	9.767,68.281x	2375.05cm
5m	6.251,43.701x	2968.81cm
6m	4.341,30.351x	3562.57cm
7m	3.189,22.301x	4156.34cm
8m	2.442,17.071x	4750.10cm
9m	1.929,13.491x	5343.86cm
10m	1.563,10.921x	5937.62cm

Flux out:4676 lm

1m	157.1,11531x	598.07cm
2m	39.28,288.21x	1196.15cm
3m	17.46,128.11x	1794.22cm
4m	9.821,72.041x	2392.29cm
5m	6.285,46.101x	2990.36cm
6m	4.365,32.021x	3588.44cm
7m	3.207,23.521x	4186.51cm
8m	2.455,18.011x	4784.58cm
9m	1.940,14.231x	5382.65cm
10m	1.571,11.531x	5980.73cm

Flux out:4745 lm

1m	159.4,11671x	598.59cm
2m	39.86,291.71x	1197.19cm
3m	17.72,129.71x	1795.78cm
4m	9.965,72.931x	2394.37cm
5m	6.378,46.671x	2992.97cm
6m	4.429,32.411x	3591.56cm
7m	3.254,23.811x	4190.15cm
8m	2.491,18.231x	4788.75cm
9m	1.968,14.411x	5387.34cm
10m	1.594,11.671x	5985.94cm

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

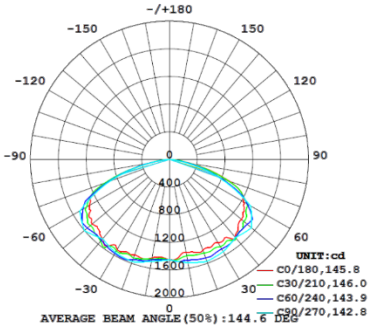
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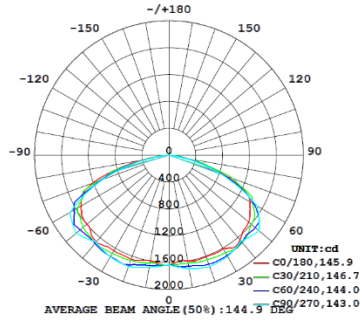
PHOTOMETRIC DATA



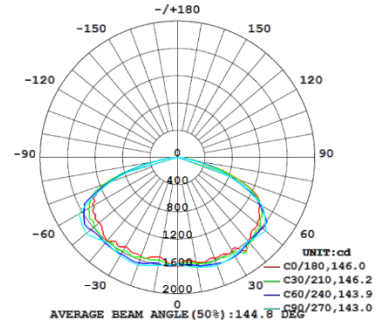
50W 3,000K



50W 4,000K



50W 5,000K



Flux out:5908 lm

Height	Eavg,Emax	Diameter
1m	210.6,14711x	594.45cm
2m	52.64,367.71x	1188.90cm
3m	23.39,163.41x	1783.34cm
4m	13.16,91.931x	2377.79cm
5m	8.422,58.841x	2972.24cm
6m	5.849,40.861x	3566.69cm
7m	4.297,30.021x	4161.14cm
8m	3.290,22.981x	4755.59cm
9m	2.599,18.161x	5350.03cm
10m	2.106,14.711x	5944.48cm

Height Eavg,Emax Angle:142.81deg Diameter

Flux out:6687 lm

Height	Eavg,Emax	Diameter
1m	238.3,16551x	597.03cm
2m	59.58,413.61x	1194.07cm
3m	26.48,183.81x	1791.10cm
4m	14.89,103.41x	2388.13cm
5m	9.533,66.181x	2985.17cm
6m	6.620,45.961x	3582.20cm
7m	4.864,33.771x	4179.23cm
8m	3.724,25.851x	4776.26cm
9m	2.942,20.431x	5373.30cm
10m	2.383,16.551x	5970.33cm

Height Eavg,Emax Angle:142.96deg Diameter

Flux out:6453 lm

Height	Eavg,Emax	Diameter
1m	216.9,15871x	599.29cm
2m	54.22,396.71x	1198.58cm
3m	24.10,176.31x	1797.87cm
4m	13.55,99.171x	2397.16cm
5m	8.675,63.471x	2996.45cm
6m	6.024,44.081x	3595.74cm
7m	4.426,32.381x	4195.03cm
8m	3.389,24.791x	4794.31cm
9m	2.677,19.591x	5393.60cm
10m	2.169,15.871x	5992.89cm

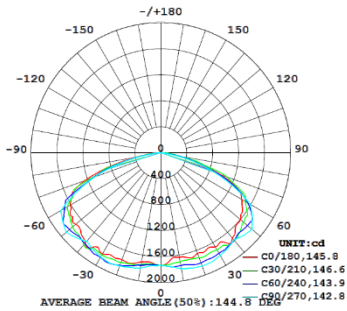
Height Eavg,Emax Angle:143.09deg Diameter

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

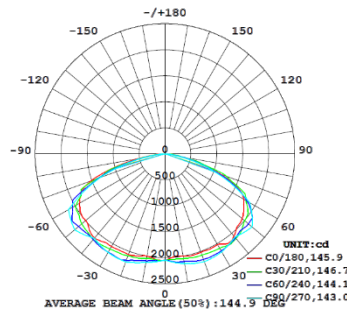
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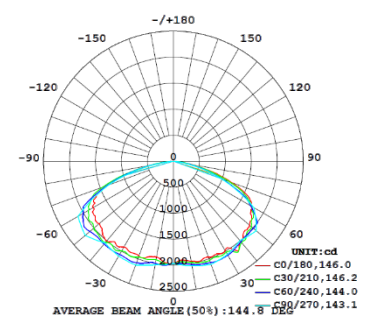
65W 3,000K



65W 4,000K



65W 5,000K



Flux out:7030 lm

Height	Eavg,Emax	Diameter
1m	250.5,17451x	594.79cm
2m	62.63,436.21x	1189.58cm
3m	27.84,193.91x	1784.38cm
4m	15.66,109.11x	2379.17cm
5m	10.02,69.801x	2973.96cm
6m	6.959,48.471x	3568.75cm
7m	5.113,35.611x	4163.54cm
8m	3.915,27.261x	4758.33cm
9m	3.093,21.541x	5353.13cm
10m	2.505,17.451x	5947.92cm

Height Eavg,Emax Angle:142.83deg Diameter

Flux out:8383 lm

Height	Eavg,Emax	Diameter
1m	298.8,20741x	597.38cm
2m	74.69,518.41x	1194.76cm
3m	33.19,230.41x	1792.14cm
4m	18.67,129.61x	2389.52cm
5m	11.95,82.941x	2986.90cm
6m	8.299,57.601x	3584.27cm
7m	6.097,42.321x	4181.65cm
8m	4.668,32.401x	4779.03cm
9m	3.688,25.601x	5376.41cm
10m	2.988,20.741x	5973.79cm

Height Eavg,Emax Angle:142.98deg Diameter

Flux out:8125 lm

Height	Eavg,Emax	Diameter
1m	273.0,19921x	600.16cm
2m	68.26,498.01x	1200.32cm
3m	30.34,221.31x	1800.48cm
4m	17.06,124.51x	2400.65cm
5m	10.92,79.691x	3000.81cm
6m	7.584,55.341x	3600.97cm
7m	5.572,40.661x	4201.13cm
8m	4.266,31.131x	4801.29cm
9m	3.371,24.591x	5401.45cm
10m	2.730,19.921x	6001.61cm

Height Eavg,Emax Angle:143.14deg Diameter

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

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