

Prime Series

Outdoor Lighting



Features

- High performance seoul chip.
- Full spectrum lighting .
- LM80 proven 80,000hr life span.
- Efficiency up to 120 lumens per watt.
- IP65 waterproof rating.

Advantages

- Power Factor: >0.95.
- IP65 for wet locations.
- Replaces up to 400W MH.
- Alluminum alloy housing.

Input Voltage

- 100-277Vac

Recommended Use

- Walls
- Buildings
- Perimeter Lighting



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LED PRIME SERIES				
SKU #	150602	150603	150604	150605
MODEL #	BLT-SWP01-55AA1-50	BLT-SWP01-80AA1-50	BLT-SWP01-100AA1-50	BLT-SWP01-120AA1-50
CONSUMPTION	55W	80W	100W	120W
LUMEN	6875lm	10000lm	12500lm	15000lm

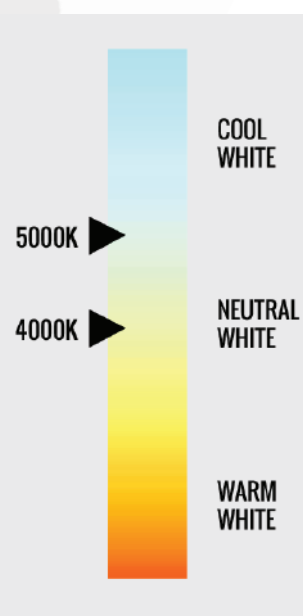
Specifications

COLOR TEMPERATURE	5000K
VIEWING ANGLE	110°
INPUT VOLTAGE	100 - 277Vac, 50/60Hz
POWER FACTOR	≥0.9
WATERPROOF RATING	IP65

Fixture Specifications

LED TYPE	SMD2835 (0.5W)
HOUSING	Aluminum(ADC12) + PC
HOUSING COLOR	Brown

CORRELATED
COLOR TEMPERATURE
(CCT)



Others

OPERATING TEMPERATURE	APPLICATION	CRI	BEAM ANGLE
-4°F TO 113°F	Outdoor	>80	110°

Warranty & Qualification

WARRANTY	UL LISTED	DLC
5 Year Limited	Yes	No

Due to continuous product improvement, information in this document is subject to change.

Revision Date: 05/23/2017



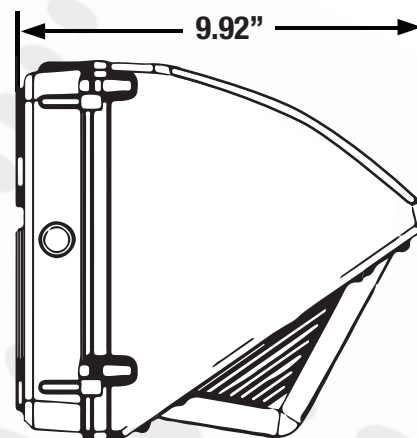
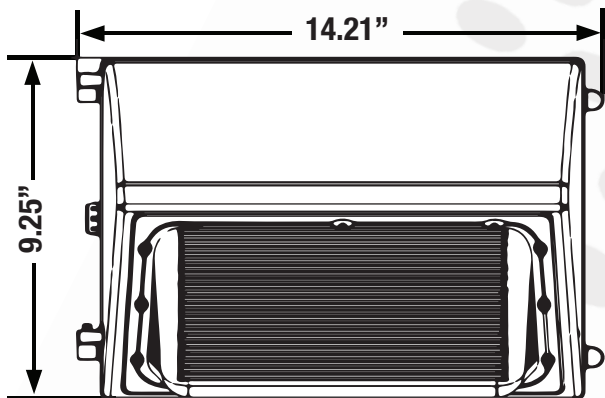
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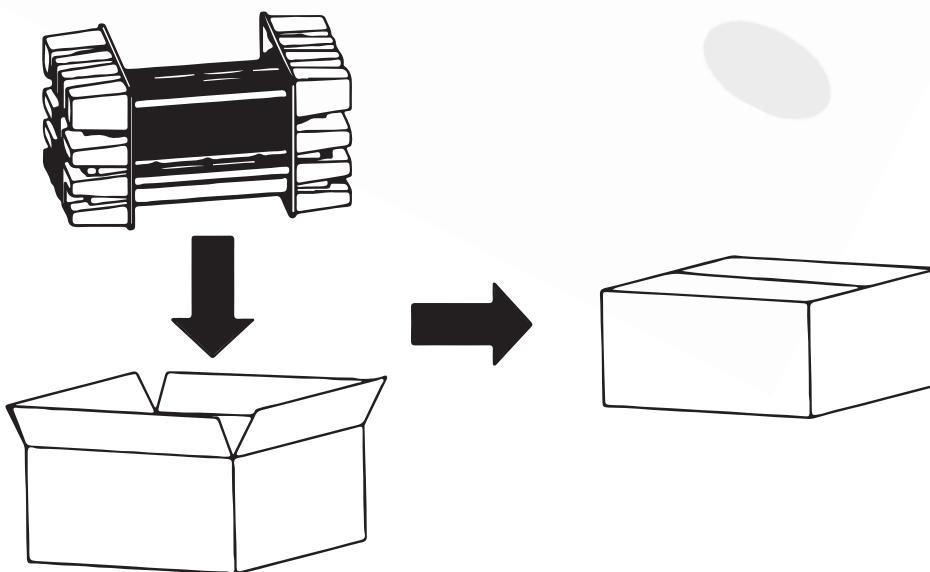
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Drawing



WATTAGE	SIZE	QTY / CARTON	WEIGHT / CARTON
55W	15.75" x 11.81" x 12.60"	1	9.7 lbs
80W	15.75" x 11.81" x 12.60"	1	10.6 lbs
100W	15.75" x 11.81" x 12.60"	1	10.8 lbs
120W	15.75" x 11.81" x 12.60"	1	10.8 lbs



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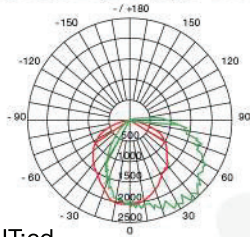


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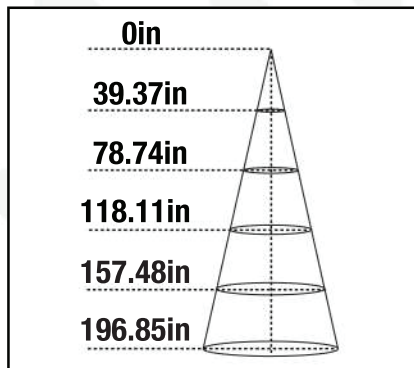
Light Distribution Testing Parameters

55W AVERAGE BEAM ANGLE(50%): 114.2°



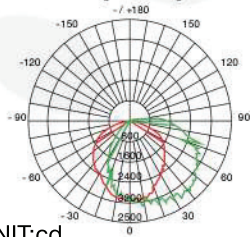
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— C0/180, 56.9, 59.0
— C30/210, 27.8, 84.7



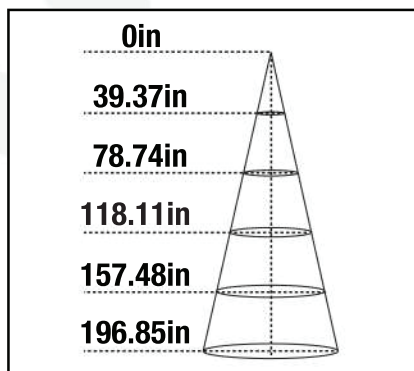
Height	Average Lux (lx)	Light Range (dia.)
39.37in	60.50	104.74in
78.74in	15.13	209.48in
118.11in	6.72	314.21in
157.48in	3.78	418.96in
196.85in	2.42	523.70in

80W AVERAGE BEAM ANGLE(50%): 113.4°



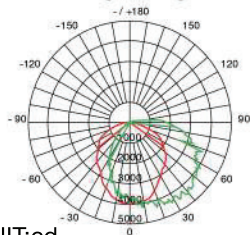
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— C0/180, 58.2, 56.6
— C30/210, 27.6, 84.5



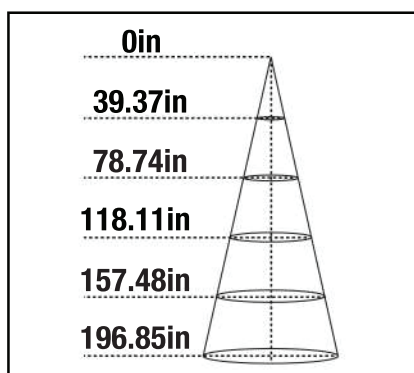
Height	Average Lux (lx)	Light Range (dia.)
39.37in	86.14	111.72in
78.74in	21.53	223.45in
118.11in	9.57	335.17in
157.48in	5.38	446.90in
196.85in	3.45	558.62in

100W AVERAGE BEAM ANGLE(50%): 109.1°



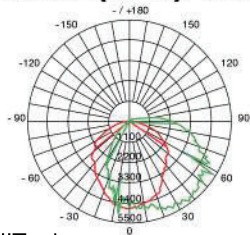
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— C0/180, 51.4, 54.6
— C30/210, 27.2, 85.0



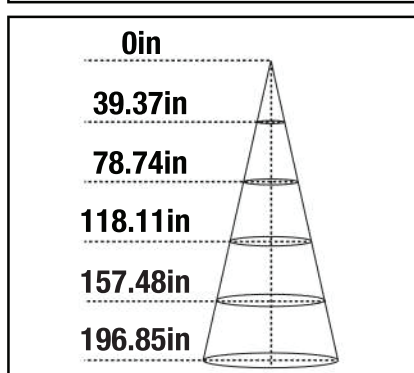
Height	Average Lux (lx)	Light Range (dia.)
39.37in	112.1	105.74in
78.74in	28.03	211.47in
118.11in	12.46	317.20in
157.48in	7.01	422.94in
196.85in	4.49	528.67in

120W AVERAGE BEAM ANGLE(50%): 110.2°



UNIT:cd

— C0/180, 51.3, 54.8
— C30/210, 28.1, 86.2



Height	Average Lux (lx)	Light Range (dia.)
39.37in	126.5	109.05in
78.74in	31.63	218.11in
118.11in	14.06	327.17in
157.48in	7.90	436.22in
196.85in	5.06	545.30in

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