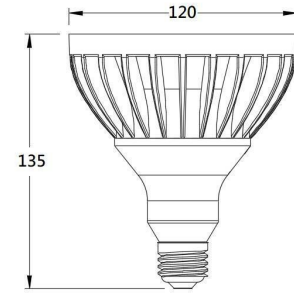




Certificated with  
UL1993  
CSA C22.2 No. 1993-12



Unit:mm

## Industrial LED PAR38

### PAR38-5000I-50-70

This industrial grade LED PAR38 has been designed specifically for heavy duty industry, high temperature work sites, and for extreme cold areas. External optical reflectors with 25°, 45°, 90° beam angles can be added. The lamp uses a standard E26 medium base. An E39 adaptor is available. This product makes it simple to transfer from traditional lighting fixtures, like mercury & HID high bay, into LED lighting. Make factory lighting maintenance simple.

#### Product data

##### General Information

Base	E26 ( with E39 adapter )
EU RoHS compliant	YES
Nominal Lifetime	30,000 hours
Switching Cycle	1,000,000 times

##### Temperatures & operating conditions

Ambient temperature range	-130°F up to 222°F ( -95°C up to 105°C )
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##### Light Technical

Beam Angle	110° (bulb only)
Initial lumen	5000lm
Correlated Color Temperature	5000K
Luminous Efficacy	90lm/W
Color Rendering Index	70

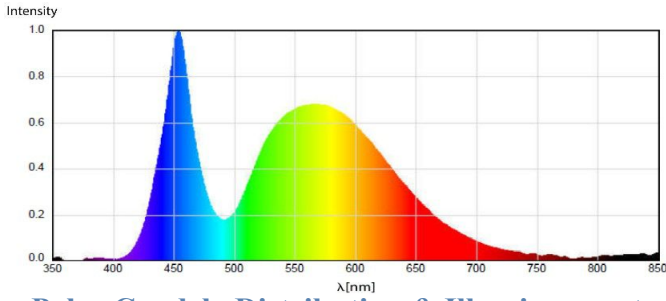
##### Operating and Electrical

Input Frequency	50-60Hz
Power (Rated)	55W @120VAC / 240VAC / 277VAC
Lamp Current	MAX0.46A
Starting Time	0.5s
Power Factor	>0.95
Voltage	120VAC - 277VAC

##### Product Data

Product name	PAR38-5000I-50-70
Standard Pack	LED Lamp, E39 adapter, 45° reflector, each 1pcs
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Net Weight (Piece)	807.4g

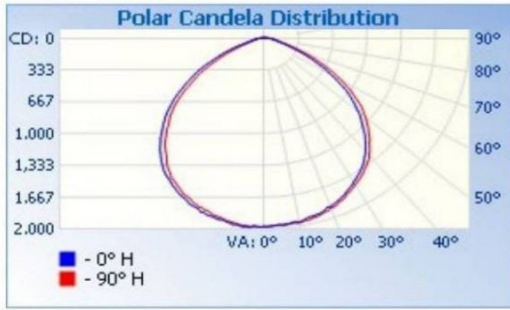
# PAR38-5000I-50 Photometric data



## Polar Candela Distribution & Illuminance at a Distance



PAR38-5000I-50-70

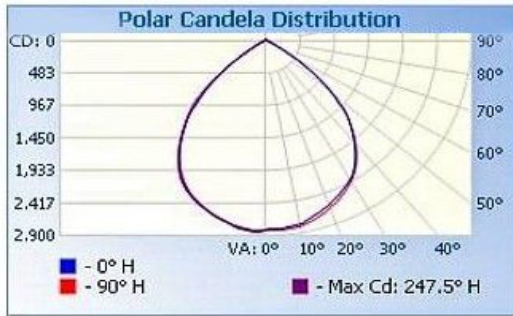


**PAR38-5000I-50**  
Illuminance at a Distance

Height(M)	Center Beam LUX	Beam Width
1M	1973.75 LUX	2.9M
2M	493.44 LUX	5.8M
3M	219.31 LUX	8.7M
4M	123.36 LUX	11.6M
5M	78.95 LUX	14.5M
6M	54.83 LUX	17.4M
7M	40.28 LUX	20.3M
8M	30.84 LUX	23.2M
9M	24.37 LUX	26.1M
10M	19.74 LUX	29.0M
11M	16.31 LUX	31.9M
12M	13.71 LUX	34.8M
13M	11.68 LUX	37.7M
14M	10.07 LUX	40.6M
15M	8.77 LUX	43.5M



PAR38-5000I-50 with 90° reflector

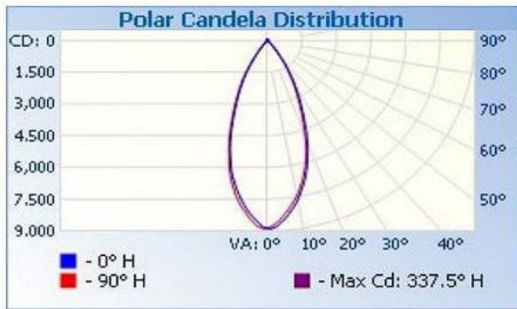


**PAR38-5000I-50 with 90-degree reflector**  
Illuminance at a Distance

Height(M)	Center Beam LUX	Beam Width
1M	2818.75 LUX	2.1M
2M	704.69 LUX	4.2M
3M	313.19 LUX	6.4M
4M	176.17 LUX	8.5M
5M	112.75 LUX	10.6M
6M	78.30 LUX	12.7M
7M	57.53 LUX	14.8M
8M	44.04 LUX	17.0M
9M	34.08 LUX	19.1M
10M	28.19 LUX	21.2M
11M	23.30 LUX	23.3M
12M	19.57 LUX	25.4M
13M	16.68 LUX	27.6M
14M	14.38 LUX	29.7M
15M	12.53 LUX	31.8M



PAR38-5000I-50 with 45° reflector

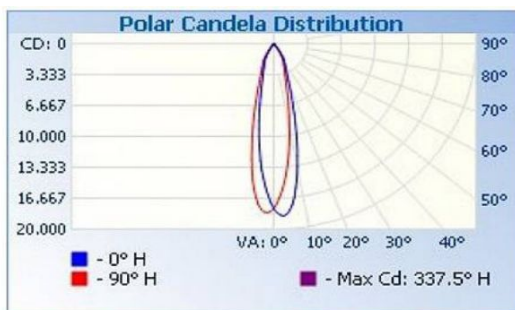


**PAR38-5000I-50 with 45-degree reflector**  
Illuminance at a Distance

Height(M)	Center Beam LUX	Beam Width
1M	8878.50 LUX	0.8M
2M	2219.63 LUX	1.6M
3M	986.50 LUX	2.3M
4M	554.91 LUX	3.1M
5M	355.14 LUX	3.9M
6M	246.63 LUX	4.7M
7M	181.19 LUX	5.5M
8M	138.73 LUX	6.2M
9M	109.61 LUX	7.0M
10M	88.79 LUX	7.8M
11M	73.38 LUX	8.6M
12M	61.66 LUX	9.4M
13M	52.54 LUX	10.1M
14M	45.30 LUX	10.9M
15M	39.46 LUX	11.7M



PAR38-5000I-50 with 25° reflector



**PAR38-5000I-50 with 25-degree reflector**  
Illuminance at a Distance

Height(M)	Center Beam LUX	Beam Width
1M	17776.80 LUX	0.4M
2M	4444.20 LUX	0.8M
3M	1975.20 LUX	1.2M
4M	1111.05 LUX	1.6M
5M	711.07 LUX	2.0M
6M	493.80 LUX	2.4M
7M	362.79 LUX	2.8M
8M	277.76 LUX	3.2M
9M	219.47 LUX	3.6M
10M	177.77 LUX	4.0M
11M	146.92 LUX	4.4M
12M	123.45 LUX	4.8M
13M	105.19 LUX	5.2M
14M	90.70 LUX	5.6M
15M	79.01 LUX	6.0M