

OE Lighting technical data

LED Spike Light

Create new green life - Energy saving/Healthy/Eco-friendly



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LED SPIKE LIGHT



Model No.	Watts(W)	Light Output(lm)	Voltage(V)	Light Color(K)	Beam Angle(Degree)
IG20336	6	480	AC100-240	2700-6500K	38°

Specifications	Values
Operational Temperature Range	-25~50℃
Material	Aluminum + Glass
LED Chip	Lustron
Color	Black
IP rating	IP65
Installation Area	Outdoor, Park, garden, square, etc

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage (V. rms)	AC	100	220	240
Input current (mA, rms)	AC220V	---	50	---
Input Power (W, rms)	AC(all)	---	10	----
Input Frequency (Hz)	AC	---	50/60Hz	---
Power Factor (PF)	AC(all)	0.564		
Output voltage (V)	DC	---	---	---
Output current (A)	DC	---	---	---
Output power (W)	DC	---	---	---

LED SPIKE LIGHT



Drawing



Packing

Weight/carton	15/17.5kg
Size of box	150*100*180mm
Size of Carton	47*32*56CM
Qty/ Carton	27PCS

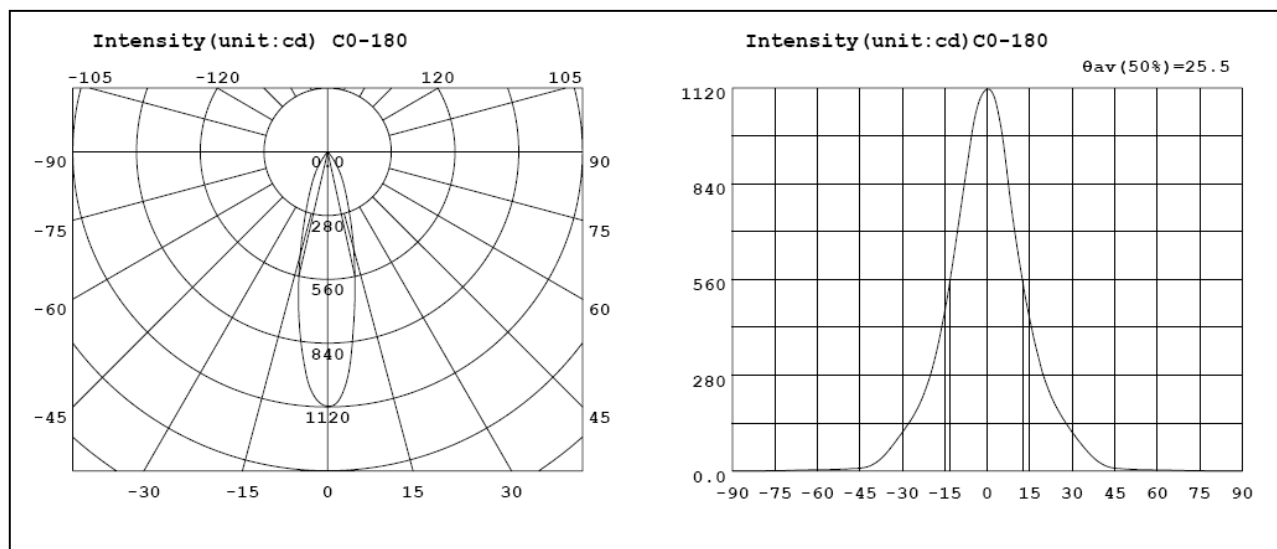
LED SPIKE LIGHT



OE-IG20336

Category	Specifications	Unit
Watts	6	W
Lumens per Watt(Efficacy)	80	Lm/W
Light Output	480	lm
Light Color(CCT)	2700-6500	K
Beam Angle	38	'(degree)
Color Accuracy(CRI)	80	Ra
Product Weight	0.55	G
Rating Life	30000	H
Base	Line interface	
Input Voltage(AC)	100-240	V

Goniophotometer Test Report



Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.1587	-58.5	3.800	-27.0	148.7	4.5	1022	36.0	51.46	67.5	1.874
-88.5	0.1588	-57.0	4.029	-25.5	169.9	6.0	939.8	37.5	39.00	69.0	1.560
-87.0	0.1797	-55.5	4.291	-24.0	193.8	7.5	836.5	39.0	28.63	70.5	1.220
-85.5	0.1907	-54.0	4.749	-22.5	223.1	9.0	740.6	40.5	20.48	72.0	0.8896
-84.0	0.2120	-52.5	5.092	-21.0	257.2	10.5	656.5	42.0	14.45	73.5	0.7060
-82.5	0.2638	-51.0	5.468	-19.5	297.8	12.0	578.9	43.5	10.51	75.0	0.5769
-81.0	0.2972	-49.5	6.011	-18.0	346.5	13.5	506.3	45.0	8.191	76.5	0.4920
-79.5	0.3826	-48.0	6.775	-16.5	404.2	15.0	443.6	46.5	7.032	78.0	0.4144
-78.0	0.4980	-46.5	7.357	-15.0	467.5	16.5	385.9	48.0	6.352	79.5	0.3434
-76.5	0.5863	-45.0	8.093	-13.5	539.6	18.0	335.4	49.5	5.660	81.0	0.2872
-75.0	0.7122	-43.5	10.00	-12.0	619.2	19.5	287.4	51.0	5.021	82.5	0.2525
-73.5	0.8862	-42.0	13.37	-10.5	703.6	21.0	251.3	52.5	4.515	84.0	0.2249
-72.0	1.195	-40.5	18.64	-9.0	788.0	22.5	219.8	54.0	3.987	85.5	0.2116
-70.5	1.590	-39.0	26.31	-7.5	873.7	24.0	193.2	55.5	3.687	87.0	0.2093
-69.0	2.016	-37.5	36.40	-6.0	956.6	25.5	170.4	57.0	3.450	88.5	0.1810
-67.5	2.436	-36.0	48.84	-4.5	1031	27.0	149.9	58.5	3.315	90.0	0.1598
-66.0	2.787	-34.5	63.53	-3.0	1079	28.5	131.0	60.0	3.158		
-64.5	3.080	-33.0	79.44	-1.5	1106	30.0	113.6	61.5	2.972		
-63.0	3.353	-31.5	96.50	0.0	1117	31.5	96.63	63.0	2.757		
-61.5	3.528	-30.0	112.9	1.5	1111	33.0	80.65	64.5	2.495		

Electricity Parameter:

Current I: 0.0500A Power: 6.000W
Voltage V: 220.0V PF: 0.564

Optical Parameter(Distance=2.500m) :

Diffuse angle: @ (25%): 39.9deg @ (50%): 25.5deg @ (75%): 15.5deg @ (50%): 25.5deg

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Imax=1117cd (C=0.0deg,G=0.5deg)

C0-180Plane Imax= 1117cd(G=0.5deg)

C0-180Plane I0= 1117cd

Average Illuminance Figure