

OE Lighting technical data

LED Spike Light

Create new gree 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)
IG20335	10	800	AC100-240	2700-6500K	45°

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	---	85	---
Input Power (W, rms)	AC(all)	---	10	----
Input Frequency (Hz)	AC	---	50/60Hz	---
Power Factor (PF)	AC(all)	0.565		
Output voltage (V)	DC	---	---	---
Output current (A)	DC	---	---	---
Output power (W)	DC	---	---	---

LED SPIKE LIGHT



Drawing



Packing

Weight/carton	16/19kg
Size of box	220*110*290mm
Size of Carton	45*35*59CM
Qty/ Carton	12PCS

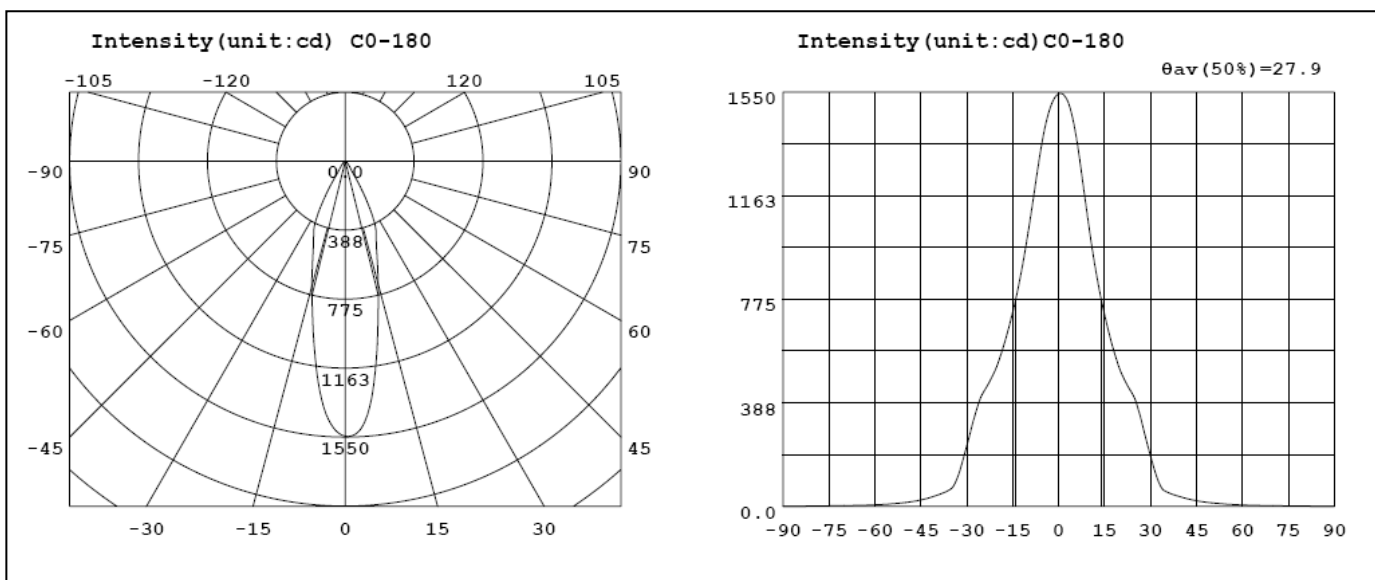
LED SPIKE LIGHT



OE-IG20335

Category	Specifications	Unit
Watts	10	W
Lumens per Watt(Efficacy)	80	Lm/W
Light Output	800	lm
Light Color(CCT)	2700-6500	K
Beam Angle	45	'(degree)
Color Accuracy(CRI)	80	Ra
Product Weight	1.2	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	0.2751	-58.5	6.596	-27.0	354.1	4.5	1457	36.0	50.59	67.5	2.873
-88.5	0.2857	-57.0	7.518	-25.5	406.1	6.0	1365	37.5	43.83	69.0	2.599
-87.0	0.2756	-55.5	8.619	-24.0	438.1	7.5	1246	39.0	38.39	70.5	2.331
-85.5	0.3386	-54.0	9.893	-22.5	468.2	9.0	1120	40.5	33.25	72.0	2.123
-84.0	0.4027	-52.5	11.37	-21.0	502.7	10.5	998.8	42.0	28.60	73.5	1.924
-82.5	0.6812	-51.0	13.11	-19.5	546.5	12.0	890.4	43.5	24.56	75.0	1.756
-81.0	0.9672	-49.5	15.17	-18.0	599.9	13.5	797.5	45.0	21.18	76.5	1.578
-79.5	1.264	-48.0	17.67	-16.5	660.0	15.0	717.5	46.5	18.19	78.0	1.387
-78.0	1.550	-46.5	20.61	-15.0	727.1	16.5	646.0	48.0	15.74	79.5	1.148
-76.5	1.782	-45.0	23.97	-13.5	802.9	18.0	582.6	49.5	13.62	81.0	0.8677
-75.0	1.973	-43.5	28.09	-12.0	889.7	19.5	527.7	51.0	11.88	82.5	0.5766
-73.5	2.164	-42.0	32.94	-10.5	988.9	21.0	485.8	52.5	10.35	84.0	0.3823
-72.0	2.376	-40.5	38.56	-9.0	1097	22.5	451.6	54.0	9.061	85.5	0.2988
-70.5	2.601	-39.0	44.53	-7.5	1213	24.0	422.9	55.5	7.946	87.0	0.2657
-69.0	2.876	-37.5	51.22	-6.0	1324	25.5	381.8	57.0	6.964	88.5	0.2645
-67.5	3.195	-36.0	59.99	-4.5	1417	27.0	322.1	58.5	6.065	90.0	0.3069
-66.0	3.542	-34.5	73.19	-3.0	1484	28.5	252.8	60.0	5.303		
-64.5	3.999	-33.0	109.3	-1.5	1526	30.0	188.7	61.5	4.622		
-63.0	4.491	-31.5	163.4	0.0	1545	31.5	128.2	63.0	4.079		
-61.5	5.091	-30.0	226.1	1.5	1542	33.0	82.36	64.5	3.618		
-60.0	5.802	-28.5	292.1	3.0	1516	34.5	58.71	66.0	3.202		

Electricity Parameter:

Current I: 0.0850A Power: 10.10W
Voltage V: 220.0V PF: 0.564

Optical Parameter (Distance=2.500m) :

Diffuse angle: @ (25%): 51.4deg @ (50%): 27.9deg @ (75%): 16.6deg @ (50%): 27.9deg
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Imax=1546cd (C=0.0deg,G=0.5deg) C0-180Plane Imax= 1546cd(G=0.5deg)
C0-180Plane I0= 1545cd

Average Illuminance Figure