

OE Lighting technical data

LED FLOODLIGHT

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



www.oe-lighting.com

LED FLOODLIGHT



Model No.	Watts(W)	Light Output(lm)	Voltage(V)	Light Color(K)	Beam Angle(Degree)
LED61083-CW	10	800	AC100-240	6000-6500	60/120
LED61083-WW	10	800	AC100-240	3000-3200	60/120
LED61083-W	10	800	AC100-240	3700-4200	60/120

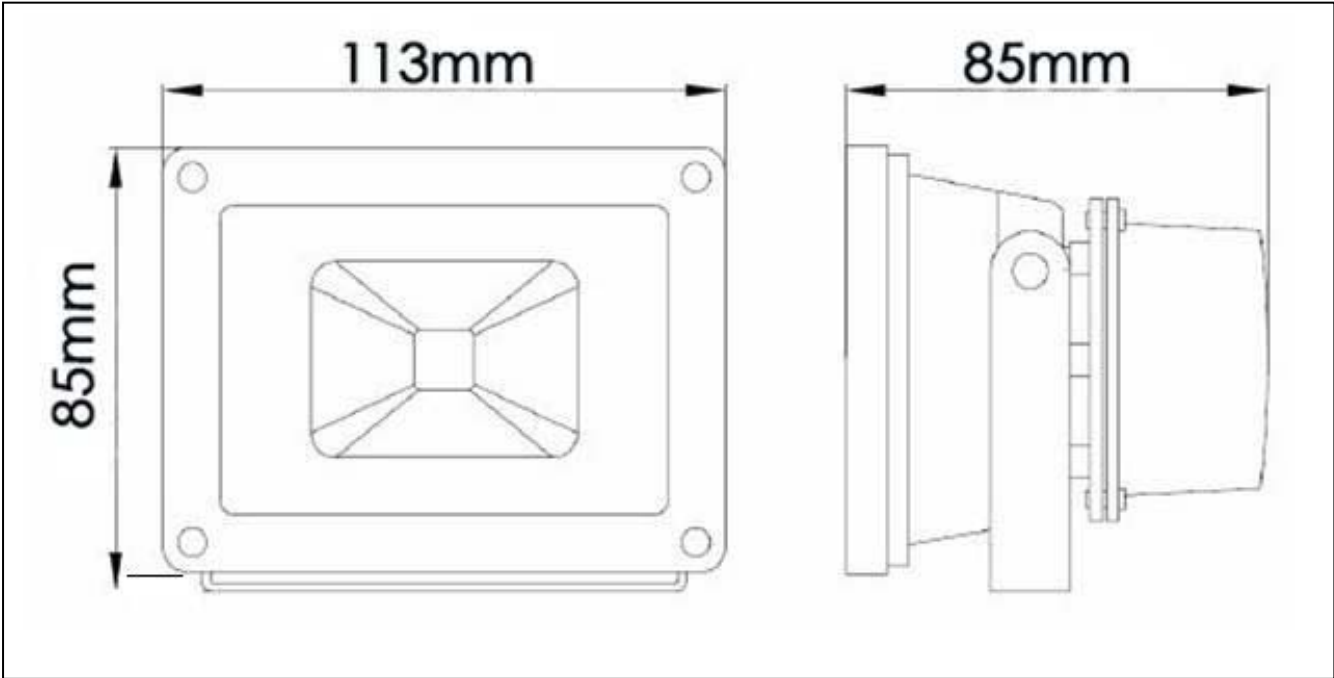
Specifications	Values
Operational Temperature Range	-20~40℃
Material	Aluminum + Glass
LED Chip	Epistar LED
Color	Grey/Black
IP rating	IP65
Installation Area	Outdoor, Park, garden, square, etc

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage (V. rms)	AC	100	220	240
Input current (mA, rms)	AC220V	---	45	---
Input Power (W, rms)	AC(all)	---	10	----
Input Frequency (Hz)	AC	---	50/60Hz	---
Power Factor (PF)	AC(all)	---		
Output voltage (V)	DC	---	---	---
Output current (A)	DC	---	---	---
Output power (W)	DC	---	---	---

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Drawing



Packing

Weight/carton	18/18.5kg
Size of box	130*100*165mm
Size of Carton	53*33*28CM
Qty/ Carton	30PCS

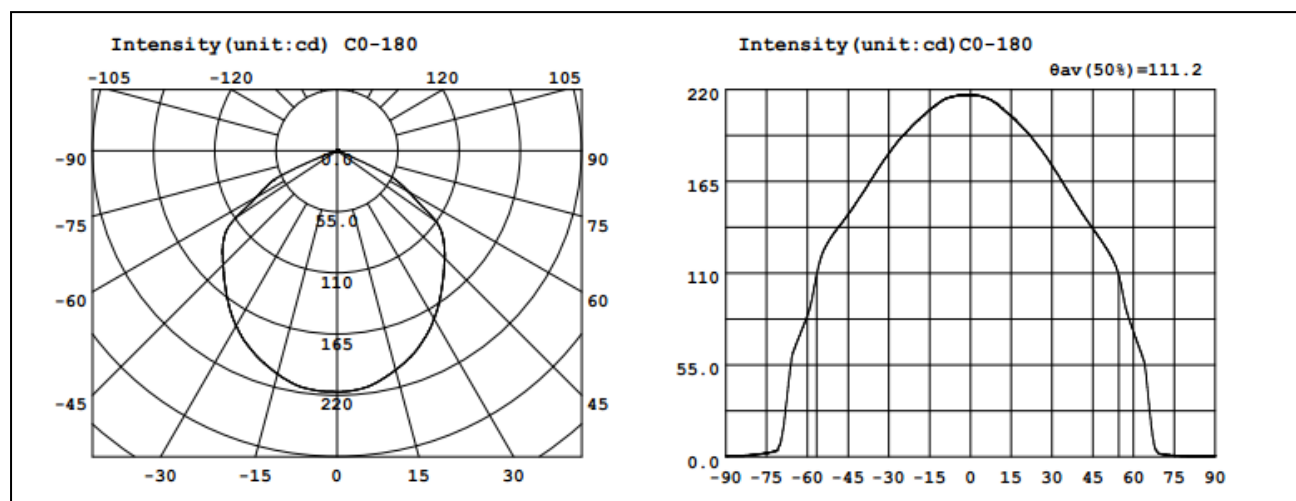
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OE-LED61083

Category	Specifications	Unit
Watts	10	W
Lumens per Watt(Efficacy)	80	Lm/W
Light Output	800	lm
Light Color(CCT)	3000-6500	K
Beam Angle	120	'(degree)
Color Accuracy(CRI)	70	Ra
Product Weight	600	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	0.5657	-58.5	93.06	-27.0	188.3	4.5	215.7	36.0	159.0	67.5	8.554
-88.5	0.6342	-57.0	105.6	-25.5	191.2	6.0	215.0	37.5	155.0	69.0	2.614
-87.0	0.6258	-55.5	116.5	-24.0	193.8	7.5	213.9	39.0	151.2	70.5	1.586
-85.5	0.6775	-54.0	123.6	-22.5	196.4	9.0	212.3	40.5	147.5	72.0	1.246
-84.0	0.7545	-52.5	128.2	-21.0	199.0	10.5	210.4	42.0	143.8	73.5	0.9965
-82.5	0.8518	-51.0	132.2	-19.5	201.4	12.0	208.3	43.5	140.3	75.0	0.8060
-81.0	1.067	-49.5	135.6	-18.0	203.5	13.5	206.2	45.0	136.9	76.5	0.6599
-79.5	1.316	-48.0	138.8	-16.5	205.6	15.0	204.1	46.5	133.5	78.0	0.5111
-78.0	1.617	-46.5	141.9	-15.0	207.8	16.5	201.8	48.0	130.0	79.5	0.4166
-76.5	1.952	-45.0	145.2	-13.5	209.8	18.0	199.4	49.5	126.2	81.0	0.3294
-75.0	2.316	-43.5	148.5	-12.0	211.6	19.5	196.9	51.0	122.3	82.5	0.2817
-73.5	2.782	-42.0	152.3	-10.5	213.3	21.0	194.4	52.5	117.9	84.0	0.2475
-72.0	3.372	-40.5	155.9	-9.0	214.7	22.5	191.5	54.0	112.0	85.5	0.2465
-70.5	6.015	-39.0	159.5	-7.5	215.5	24.0	188.3	55.5	102.2	87.0	0.2743
-69.0	15.54	-37.5	163.4	-6.0	216.0	25.5	185.1	57.0	90.29	88.5	0.3478
-67.5	35.45	-36.0	167.3	-4.5	216.6	27.0	181.9	58.5	82.07	90.0	0.4509
-66.0	56.26	-34.5	171.2	-3.0	216.7	28.5	178.4	60.0	75.01		
-64.5	65.83	-33.0	174.9	-1.5	216.7	30.0	174.6	61.5	68.22		
-63.0	71.99	-31.5	178.5	0.0	216.7	31.5	170.9	63.0	61.58		
-61.5	78.13	-30.0	181.8	1.5	216.7	33.0	167.0	64.5	51.04		
-60.0	84.66	-28.5	185.1	3.0	216.4	34.5	162.9	66.0	27.17		

Electricity Parameter:

Current I: 0.9000A Power: 10.30W
Voltage V: 220.0V PF: 0.578

Optical Parameter(Distance=2.250m):

Diffuse angle: @ (25%): 130.3deg@ (50%): 111.2deg@ (75%): 72.4deg@ (50%): 111.2deg
Diffuse angle: @ (25%): 130.3deg@ (50%): 111.2deg@ (75%): 72.4deg@ (50%): 111.2deg
Imax=216.8cd (C=0.0deg,G=1.0deg) C0-180Plane Imax= 216.8cd(G=1.0deg)
C0-180Plane I0= 216.7cd

Average Illuminance Figure