

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)
LED61082-CW	50	4000	AC100-240	6000-6500	60/120
LED61082-WW	50	4000	AC100-240	3000-3200	60/120
LED61082-W	50	4000	AC100-240	3700-4200	60/120

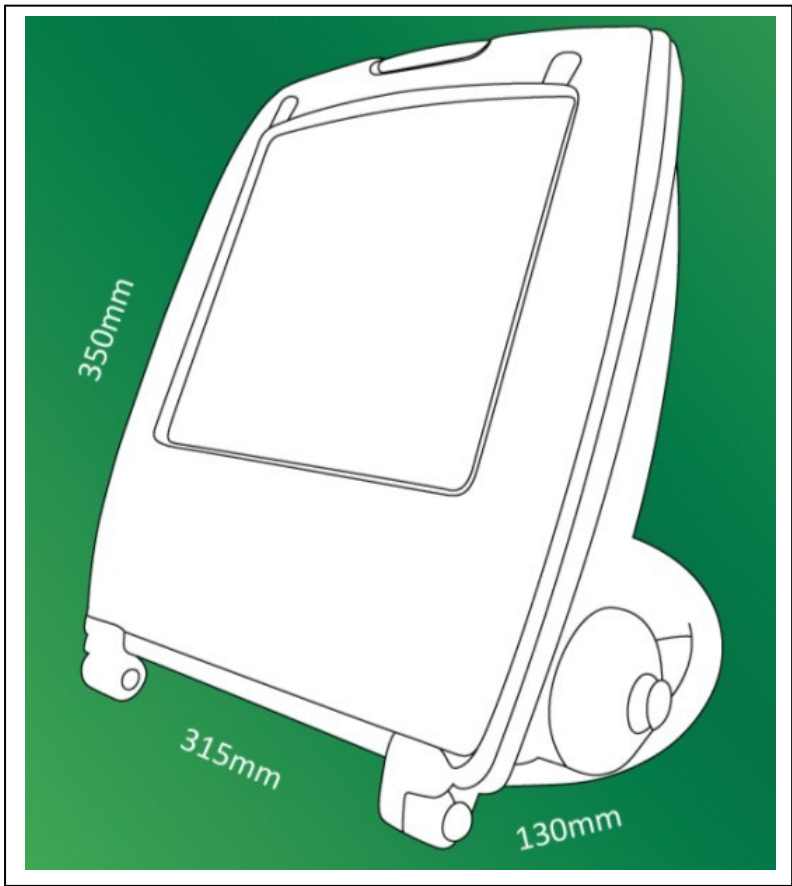
Specifications	Values
Operational Temperature Range	-20~40℃
Material	Aluminum + Glass
LED Chip	Epistar LED
Color	Grey/Black
IP rating	IP65
Installation Area	Outdoor, Park, garden, square, etc

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage (V. rms)	AC	100	220	240
Input current (mA, rms)	AC220V	---	227	---
Input Power (W, rms)	AC(all)	---	50	----
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	17.5/18.5KGS
Size of box	330*115*370mm
Size of Carton	60*34*38CM
Qty/ Carton	5PCS

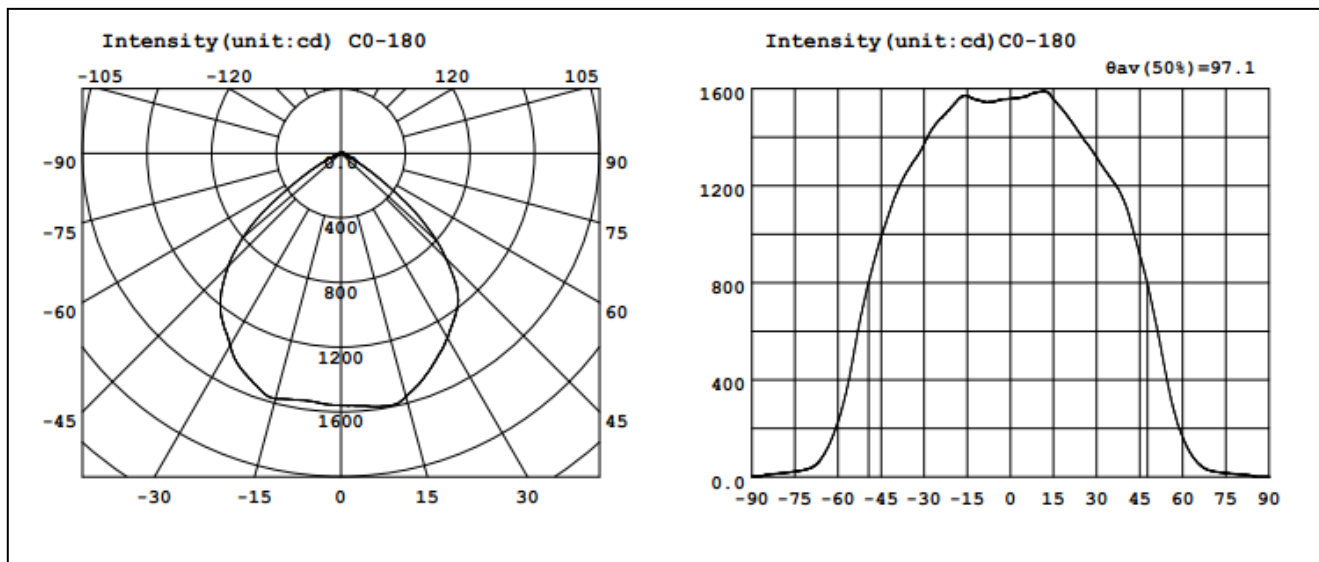
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OE-LED61082

Category	Specifications	Unit
Watts	50	W
Lumens per Watt(Efficacy)	80	Lm/W
Light Output	4000	lm
Light Color(CCT)	3000-6500	K
Beam Angle	120	'(degree)
Color Accuracy(CRI)	70	Ra
Product Weight	3500	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	2.845	-58.5	285.6	-27.0	1438	4.5	1567	36.0	1215	67.5	36.43
-88.5	2.811	-57.0	357.1	-25.5	1462	6.0	1572	37.5	1189	69.0	28.36
-87.0	3.799	-55.5	443.4	-24.0	1481	7.5	1580	39.0	1153	70.5	23.57
-85.5	8.092	-54.0	540.2	-22.5	1499	9.0	1585	40.5	1110	72.0	20.63
-84.0	10.79	-52.5	635.9	-21.0	1519	10.5	1589	42.0	1051	73.5	18.32
-82.5	12.50	-51.0	718.1	-19.5	1538	12.0	1590	43.5	984.3	75.0	16.31
-81.0	14.16	-49.5	794.4	-18.0	1558	13.5	1580	45.0	919.5	76.5	14.42
-79.5	16.03	-48.0	863.6	-16.5	1571	15.0	1559	46.5	855.7	78.0	12.75
-78.0	18.07	-46.5	929.7	-15.0	1571	16.5	1537	48.0	783.3	79.5	11.31
-76.5	20.32	-45.0	989.2	-13.5	1562	18.0	1517	49.5	700.6	81.0	10.03
-75.0	22.76	-43.5	1041	-12.0	1556	19.5	1494	51.0	617.7	82.5	8.499
-73.5	25.54	-42.0	1094	-10.5	1551	21.0	1470	52.5	527.3	84.0	5.319
-72.0	28.84	-40.5	1145	-9.0	1546	22.5	1445	54.0	433.7	85.5	1.245
-70.5	33.53	-39.0	1187	-7.5	1545	24.0	1419	55.5	345.4	87.0	0.5400
-69.0	41.13	-37.5	1226	-6.0	1547	25.5	1394	57.0	273.2	88.5	0.6392
-67.5	53.80	-36.0	1258	-4.5	1552	27.0	1370	58.5	211.2	90.0	0.7424
-66.0	73.43	-34.5	1286	-3.0	1556	28.5	1345	60.0	164.3		
-64.5	100.5	-33.0	1313	-1.5	1558	30.0	1319	61.5	125.0		
-63.0	134.7	-31.5	1339	0.0	1559	31.5	1291	63.0	93.24		
-61.5	178.0	-30.0	1373	1.5	1562	33.0	1265	64.5	68.45		
-60.0	228.2	-28.5	1408	3.0	1563	34.5	1240	66.0	49.76		

Electricity Parameter:

Current I: 1.500A Power: 50.19W
Voltage V: 220.0V PF: 0.535

Optical Parameter(Distance=2.250m) :

Diffuse angle: @ (25%): 110.7deg@ (50%): 97.1deg@ (75%): 76.1deg@ (50%): 97.1deg
Diffuse angle: @ (25%): 111.1deg@ (50%): 97.7deg@ (75%): 77.9deg@ (50%): 97.7deg
Imax=1590cd (C=0.0deg,G=11.5deg) C0-180Plane Imax= 1590cd(G=11.5deg)
C0-180Plane I0= 1559cd

Average Illuminance Figure