

OE Lighting technical data

LED FLOODLIGHT

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



LED FLOODLIGHT



Model No.	Watts(W)	Light Output(lm)	Voltage(V)	Light Color(K)	Beam Angle(Degree)
LED61089-CW	50	4000	AC100-240	6000-6500	60/120
LED61089-WW	50	4000	AC100-240	3000-3200	60/120
LED61089-W	50	4000	AC100-240	3700-4200	60/120

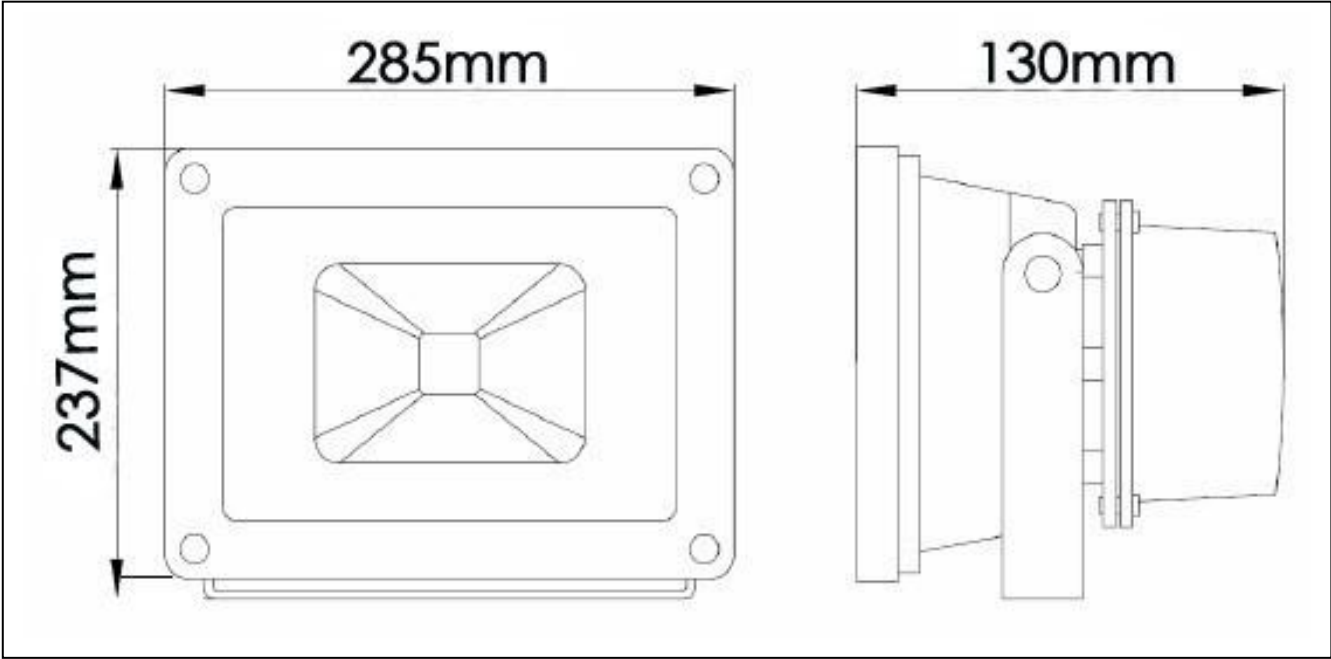
Specifications	Values
Operational Temperature Range	-20~40℃
Material	Aluminum + Glass
LED Chip	Epistar LED
Color	Grey/Black
IP rating	IP65
Installation Area	Outdoor, Park, garden, square, etc

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	23/24kg
Size of box	30*24*16CM
Size of Carton	61*51*33.5CM
Qty/ Carton	8PCS

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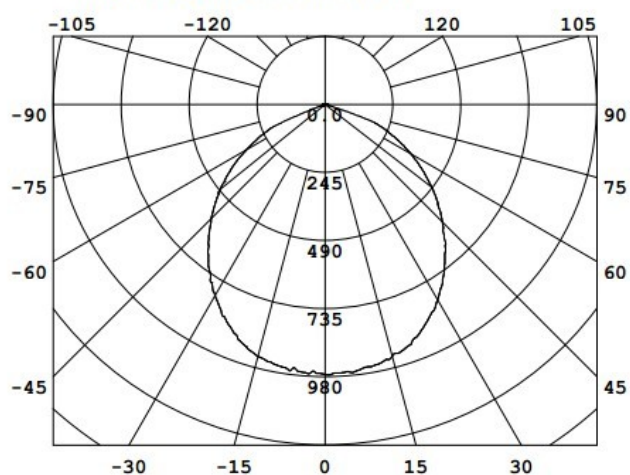


OE-LED61089

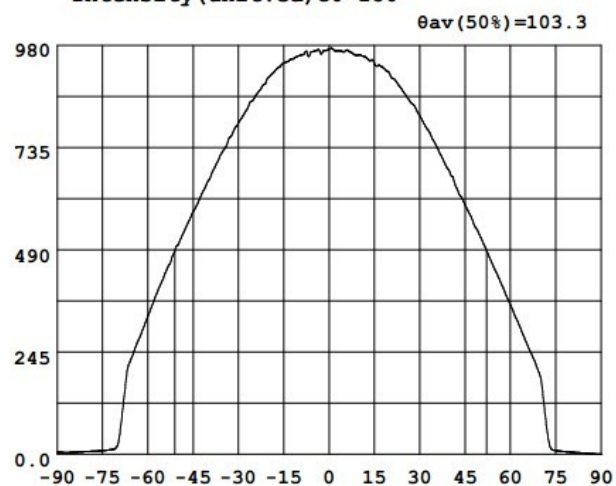
Category	Specifications	Unit
Watts	50	W
Lumens per Watt(Efficacy)	80	Lm/W
Light Output	4000	lm
Light Color(CCT)	3000-6500	K
Beam Angle	120	'(degree)
Color Accuracy(CRI)	70	Ra
Product Weight	2800	G
Rating Life	30000	H
Base	Line interface	
Input Voltage(AC)	100-240	V

Goniophotometer Test Report

Intensity(unit:cd) C0-180



Intensity (unit:cd) C0-180



Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	4.896	-58.5	358.3	-27.0	829.1	4.5	965.2	36.0	732.4	67.5	232.4
-88.5	4.537	-57.0	386.2	-25.5	846.5	6.0	969.1	37.5	710.3	69.0	204.9
-87.0	4.211	-55.5	412.2	-24.0	862.9	7.5	962.7	39.0	687.6	70.5	162.3
-85.5	4.535	-54.0	438.2	-22.5	877.2	9.0	956.2	40.5	666.8	72.0	66.60
-84.0	5.094	-52.5	459.6	-21.0	890.2	10.5	956.5	42.0	641.6	73.5	13.41
-82.5	5.671	-51.0	488.7	-19.5	907.2	12.0	952.7	43.5	618.9	75.0	9.017
-81.0	6.319	-49.5	510.5	-18.0	918.2	13.5	943.3	45.0	598.9	76.5	7.619
-79.5	6.897	-48.0	534.1	-16.5	928.5	15.0	937.2	46.5	576.3	78.0	6.452
-78.0	7.471	-46.5	557.9	-15.0	937.7	16.5	933.1	48.0	550.6	79.5	5.478
-76.5	8.045	-45.0	582.0	-13.5	942.5	18.0	926.0	49.5	531.1	81.0	4.643
-75.0	8.914	-43.5	601.6	-12.0	947.6	19.5	917.9	51.0	506.7	82.5	3.816
-73.5	10.00	-42.0	626.3	-10.5	954.1	21.0	901.3	52.5	482.3	84.0	3.023
-72.0	11.46	-40.5	648.7	-9.0	957.7	22.5	891.2	54.0	457.4	85.5	2.223
-70.5	15.93	-39.0	670.4	-7.5	966.0	24.0	875.9	55.5	434.1	87.0	1.415
-69.0	64.93	-37.5	692.9	-6.0	964.2	25.5	860.0	57.0	408.7	88.5	0.5946
-67.5	159.5	-36.0	716.8	-4.5	967.8	27.0	844.0	58.5	383.1	90.0	0.2496
-66.0	220.1	-34.5	733.9	-3.0	964.6	28.5	832.0	60.0	358.7		
-64.5	248.0	-33.0	759.9	-1.5	967.5	30.0	812.0	61.5	332.0		
-63.0	275.0	-31.5	777.0	0.0	971.1	31.5	792.1	63.0	308.7		
-61.5	302.0	-30.0	794.7	1.5	970.1	33.0	774.8	64.5	282.2		
-60.0	330.3	-28.5	811.4	3.0	967.7	34.5	752.8	66.0	256.1		

Electricity Parameter:

Current I: 1.600A Power: 50.00W
Voltage V: 220.0V PF: 0.578

Optical Parameter(Distance=2.098m):

Diffuse angle: @ (25%): 131.5deg@ (50%): 103.3deg@ (75%): 70.9deg@ (50%): 103.3deg
Diffuse angle: @ (25%): 131.5deg@ (50%): 103.4deg@ (75%): 71.2deg@ (50%): 103.4deg
Imax=973.2cd (C=0.0deg,G=1.0deg) C0-180Plane Imax= 973.2cd(G=1.0deg)
C0-180Plane I0= 971.1cd

Average Illuminance Figure