

OE Lighting technical data

LED Downlight

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



www.oe-lighting.com
info@oe-lighting.com

LED DOWNLIGHT

Model No.	Watts (W)	Light Output	Voltage(V)	CRI	Light Color(K)	Beam Angle(Degree)
LED80005-CW	8	480lm	AC200-240	>80	6000-6500K	38
LED80005-WW	8	480lm	AC200-240	>80	2800-3000K	38
LED80005-NW	8	480lm	AC200-240	>80	4000-4500K	38

Specifications	Values
Operational Temperature Range	-20~40℃
Material	Aluminum + PA6
LED	COB
Driver	Dimmable
Color	Black
IP rating	IP65
Other bezel models	Polished Chrome/Brushed steel

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage (V.)	AC	200	220	240
Input current (A.)	AC220V	---	0.15	---
Input Power (W,)	AC(all)	---	8	----
Input Frequency (Hz)	AC	---	50/60Hz	---
Power Factor (PF)	AC(all)	0.650		
Output voltage (V)	DC	---	---	---

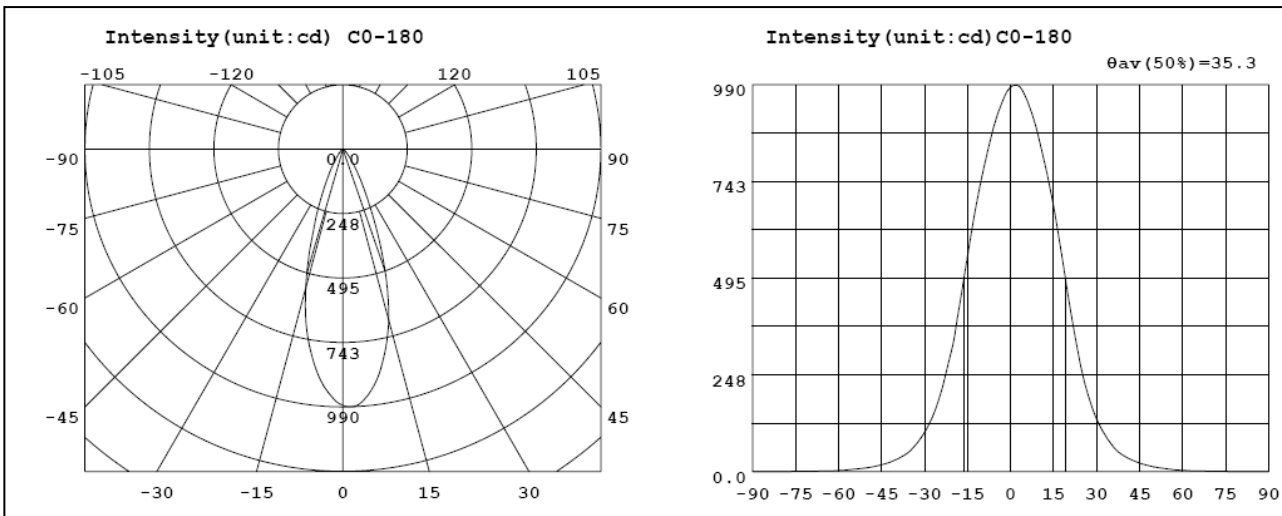
Packing

Weight/carton	17/19kg
Size of box	15*12*10.5cm
Size of Carton	47*38*44CM
Qty/ Carton	36PCS

LED DOWNLIGHT



Goniophotometer Test Report



Intensity data:(deg , cd) C0-180

A	I	A	I	A	I	A	I	A	I	A	I
-90.0	0.3598	-58.5	3.545	-27.0	144.4	4.5	970.6	36.0	62.02	67.5	1.327
-88.5	0.3596	-57.0	4.299	-25.5	173.9	6.0	946.0	37.5	50.79	69.0	1.104
-87.0	0.3490	-55.5	5.514	-24.0	209.9	7.5	915.2	39.0	42.91	70.5	0.9183
-85.5	0.3389	-54.0	6.540	-22.5	253.2	9.0	878.7	40.5	36.26	72.0	0.7804
-84.0	0.3383	-52.5	7.578	-21.0	298.2	10.5	833.4	42.0	30.65	73.5	0.6531
-82.5	0.3386	-51.0	8.867	-19.5	348.8	12.0	786.4	43.5	26.07	75.0	0.5153
-81.0	0.3391	-49.5	10.51	-18.0	417.2	13.5	734.9	45.0	21.88	76.5	0.3844
-79.5	0.3598	-48.0	12.36	-16.5	484.6	15.0	679.0	46.5	18.32	78.0	0.2963
-78.0	0.3809	-46.5	14.68	-15.0	552.2	16.5	614.6	48.0	15.42	79.5	0.2571
-76.5	0.4156	-45.0	17.40	-13.5	619.6	18.0	547.4	49.5	12.88	81.0	0.2237
-75.0	0.5079	-43.5	20.59	-12.0	681.7	19.5	476.1	51.0	10.82	82.5	0.2116
-73.5	0.6067	-42.0	24.32	-10.5	737.9	21.0	408.5	52.5	9.046	84.0	0.1826
-72.0	0.7349	-40.5	28.81	-9.0	788.0	22.5	346.1	54.0	7.673	85.5	0.1879
-70.5	0.8613	-39.0	33.75	-7.5	835.7	24.0	287.3	55.5	6.243	87.0	0.1987
-69.0	0.9919	-37.5	40.12	-6.0	879.5	25.5	237.1	57.0	4.860	88.5	0.1727
-67.5	1.201	-36.0	47.23	-4.5	915.5	27.0	197.3	58.5	4.109	90.0	0.1407
-66.0	1.396	-34.5	57.11	-3.0	944.5	28.5	163.1	60.0	3.340		
-64.5	1.607	-33.0	69.25	-1.5	969.8	30.0	135.2	61.5	2.775		
-63.0	1.810	-31.5	83.92	0.0	983.8	31.5	112.1	63.0	2.008		
-61.5	2.093	-30.0	100.4	1.5	989.4	33.0	93.50	64.5	1.696		
-60.0	2.789	-28.5	120.6	3.0	986.3	34.5	76.60	66.0	1.522		

Electricity Parameter:

Current I: 0.1500A Power: 8.000W
 Voltage V: 220.0V PF: 0.652

Optical Parameter (Distance=2.500m) :

Diffuse angle: @ (25%): 47.7deg @ (50%): 35.3deg @ (75%): 23.6deg @ (50%): 35.3deg
 Diffuse angle: @ (25%): 47.9deg @ (50%): 35.4deg @ (75%): 23.9deg @ (50%): 35.4deg
 I_{max}=989.4cd (C=0.0deg,G=1.5deg) C0-180Plane I_{max}= 989.4cd(G=1.5deg)
 C0-180Plane I₀= 983.8cd

Average Illuminance Figure

