

OE Lighting technical data

LED Downlight

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



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LED DOWNLIGHT

Model No.	Watts (W)	Light Output	Voltage(V)	CRI	Light Color(K)	Beam Angle(Degree)
LED80003-CW	9	600lm	AC200-240	>80	6000-6500K	38
LED80003-WW	9	600lm	AC200-240	>80	2800-3000K	38
LED80003-NW	9	600lm	AC200-240	>80	4000-4500K	38

Specifications	Values
Operational Temperature Range	-20~40℃
Material	Aluminum + PA6
LED Chip	CREE
Color	Black
IP rating	IP65
Optional Bezel	White Bezel/Polished Chrome/Brushed steel/Graphite

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage (V.)	AC	200	220	240
Input current (A.)	AC220V	---	0.055	---
Input Power (W,)	AC(all)	---	9	----
Input Frequency (Hz)	AC	---	50/60Hz	---
Power Factor (PF)	AC(all)	0.680		
Output voltage (V)	DC	---	---	---

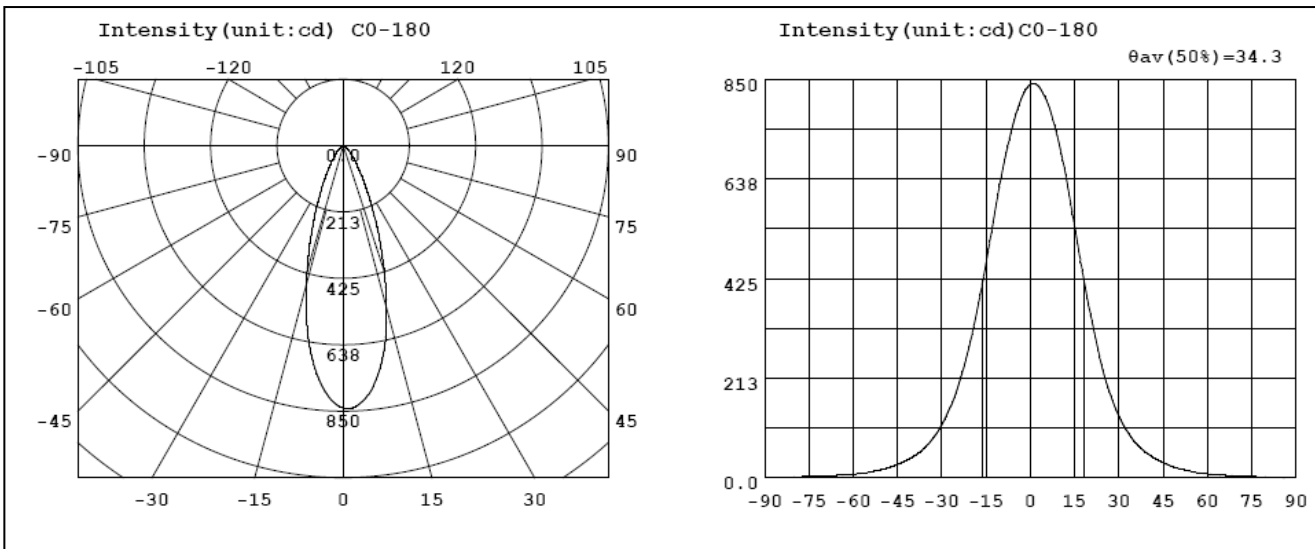
Packing

Weight/carton	12/14kg
Size of box	19*12*10.5cm
Size of Carton	59*38*33CM
Qty/ Carton	27PCS

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	0.7070	-58.5	9.576	-27.0	153.2	4.5	818.3	36.0	73.34	67.5	5.686
-88.5	0.7073	-57.0	10.68	-25.5	177.1	6.0	797.3	37.5	63.93	69.0	5.201
-87.0	0.8957	-55.5	12.00	-24.0	206.0	7.5	767.7	39.0	56.14	70.5	4.726
-85.5	1.058	-54.0	13.49	-22.5	238.5	9.0	732.6	40.5	49.24	72.0	4.277
-84.0	1.309	-52.5	15.30	-21.0	273.9	10.5	692.3	42.0	43.07	73.5	3.857
-82.5	1.616	-51.0	17.36	-19.5	314.4	12.0	646.3	43.5	37.90	75.0	3.474
-81.0	2.057	-49.5	19.74	-18.0	359.0	13.5	592.4	45.0	33.33	76.5	3.114
-79.5	2.556	-48.0	22.55	-16.5	407.5	15.0	537.7	46.5	29.06	78.0	2.747
-78.0	2.905	-46.5	25.89	-15.0	458.9	16.5	482.3	48.0	25.41	79.5	2.390
-76.5	3.237	-45.0	29.61	-13.5	513.3	18.0	428.1	49.5	22.10	81.0	2.058
-75.0	3.586	-43.5	33.68	-12.0	568.1	19.5	377.4	51.0	19.36	82.5	1.700
-73.5	3.929	-42.0	38.25	-10.5	621.6	21.0	331.5	52.5	17.02	84.0	1.262
-72.0	4.296	-40.5	43.20	-9.0	669.8	22.5	288.0	54.0	14.93	85.5	0.8641
-70.5	4.686	-39.0	48.75	-7.5	712.4	24.0	244.6	55.5	13.14	87.0	0.6056
-69.0	5.106	-37.5	55.67	-6.0	750.9	25.5	210.0	57.0	11.65	88.5	0.4182
-67.5	5.548	-36.0	64.07	-4.5	783.9	27.0	181.2	58.5	10.36	90.0	0.2809
-66.0	6.035	-34.5	73.89	-3.0	810.4	28.5	154.9	60.0	9.256		
-64.5	6.558	-33.0	85.04	-1.5	828.9	30.0	132.9	61.5	8.321		
-63.0	7.151	-31.5	98.30	0.0	839.1	31.5	114.2	63.0	7.541		
-61.5	7.836	-30.0	114.1	1.5	840.9	33.0	98.45	64.5	6.860		
-60.0	8.623	-28.5	133.3	3.0	833.8	34.5	84.70	66.0	6.253		

Electricity Parameter:

Current I: 0.0420A Power: 9.100W
 Voltage V: 220.0V PF: 0.622

Optical Parameter (Distance=2.299m) :

Diffuse angle: @ (25%): 49.1deg @ (50%): 34.3deg @ (75%): 22.6deg @ (50%): 34.3deg
 Diffuse angle: @ (25%): 49.3deg @ (50%): 34.3deg @ (75%): 22.6deg @ (50%): 34.3deg
 I_{max}=841.4cd (C=0.0deg, G=1.0deg) C0-180Plane I_{max}= 841.4cd (G=1.0deg)

Average Illuminance Figure

