



NITOR² LED DOWNLIGHT



Low Glare

The sleek optical design effectively reduces glare and provides a soft and comfortable lighting environment.



Elegant Housing

The elegant design and white Housing, makes it a suitable fit for a variety high-end indoor applications, such as: airport terminal buildings, commercial buildings and reception halls, and shopping centers.



Complies with USA Certification

Approved by a nationally recognized laboratory for UL (USA and Canada).



Quality Core Component

Excellent luminaire design to the core: starting with the LED packages themselves. These luminaires only use high quality SMD packages from CITILED – chipsets that have great quality and long life as backed by LM-80 and TM-21 reports. Quality inside the luminaires that shines on the outside.



Desirable CRI

With a CRI of 80, SONARAY's downlights reveals the colors you want on your displays.



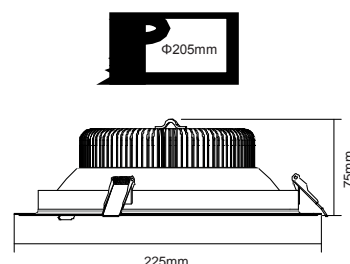
Dimmable function

Dimming function available and compatible with a good range of dimmers.

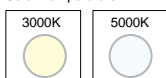


Specifications

Material: Aluminum
Housing Color: White
Size: 8"
Power Supply: External
Dimming: Optional
Input Voltage (Driver): AC100-240V ~ 50/60Hz
Input Voltage: DC24-32V ===
Input Current: 0.68A
Operating Temperature: -20°C~+40°C, -4°F~+104°F
Lifetime: ≥ 40,000hrs

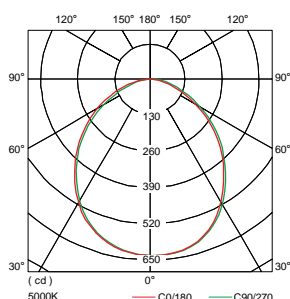


Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2008E1-21	21	1720	82	5000	≥80	100	0.74/1.63

Light Distribution Curve



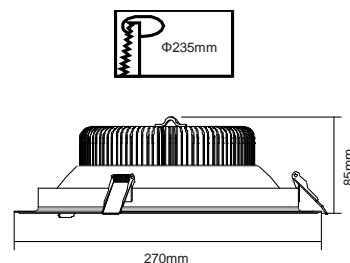
Illuminance Distribution

H(m)	E(lx)	D(cm)
1	629	238
2	157	477
3	70	716
4	39	955
5	25	1194

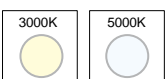


Specifications

Material: Aluminum
Housing Color: White
Size: 10"
Power Supply: External
Dimming: Optional
Input Voltage (Driver): AC100-240V ~ 50/60Hz
Input Voltage: DC24-32V ===
Input Current: 0.68A
Operating Temperature: -20°C~+40°C, -4°F~+104°F
Lifetime: ≥ 40,000hrs

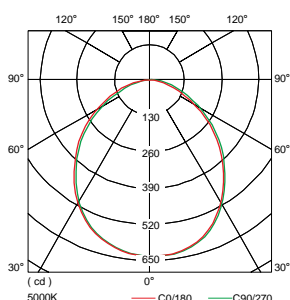


Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2010E1-21	21	1764	84	5000	≥80	100	0.85/1.87

Light Distribution Curve



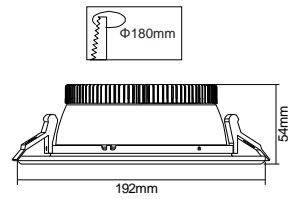
Illuminance Distribution

H(m)	E(lx)	D(cm)
1	629	238
2	157	477
3	70	716
4	39	955
5	25	1194

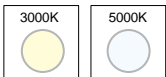


Specifications

Material: Aluminum
Housing Color: White
Size: 6"
Power Supply: External
Dimming: Optional
Input Voltage (Driver): AC100-240V ~ 50/60Hz
Input Voltage: DC24-32V ---
Input Current: 0.32A
Operating Temperature: -20°C~+40°C, -4°F~+104°F
Lifetime: ≥ 40,000hrs

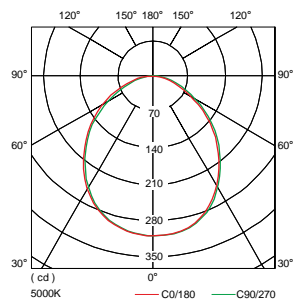


Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2006E1-10	10	900	90	5000	≥80	100	0.45/0.99

Light Distribution Curve



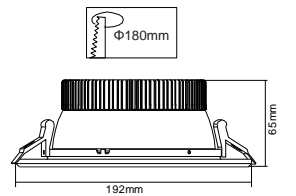
Illuminance Distribution

H(m)	E(x)	D(cm)
1	320	233
2	80	468
3	35	701
4	20	935
5	10	1169

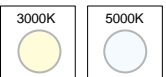


Specifications

Material: Aluminum
Housing Color: White
Size: 6"
Power Supply: External
Dimming: Optional
Input Voltage (Driver): AC100-240V ~ 50/60Hz
Input Voltage: DC24-32V ---
Input Current: 0.68A
Operating Temperature: -20°C~+40°C, -4°F~+104°F
Lifetime: ≥ 40,000hrs

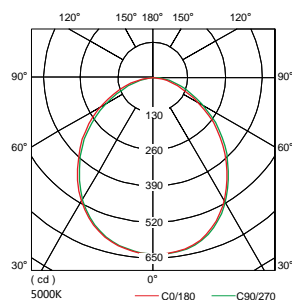


Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2006E1-21	21	1800	86	5000	≥80	100	0.69/1.52

Light Distribution Curve



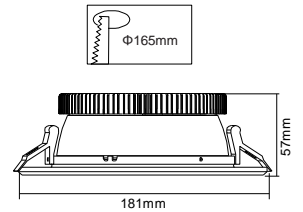
Illuminance Distribution

H(m)	E(x)	D(cm)
1	648	232
2	162	465
3	72	698
4	40	930
5	25	1163

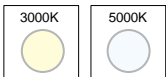


Specifications

Material: Aluminum
Housing Color: White
Size: 5"
Power Supply: External
Dimming: Optional
Input Voltage (Driver): AC100-240V ~ 50/60Hz
Input Voltage: DC24-32V ---
Input Current: 0.32A
Operating Temperature: -20°C~+40°C, -4°F~+104°F
Lifetime: ≥ 40,000hrs

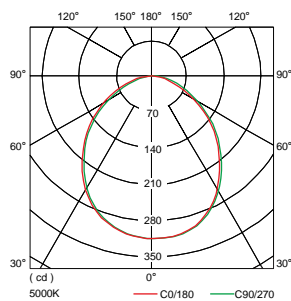


Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2005E1-10	10	900	90	5000	≥80	100	0.4/0.88

Light Distribution Curve



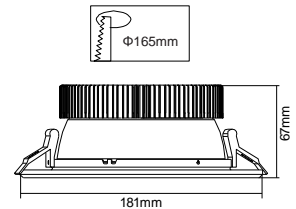
Illuminance Distribution

H(m)	E(lx)	D(cm)
1	320	230
2	80	468
3	35	700
4	20	903
5	10	1425

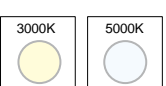


Specifications

Material: Aluminum
Housing Color: White
Size: 5"
Power Supply: External
Dimming: Optional
Input Voltage (Driver): AC100-240V ~ 50/60Hz
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Operating Temperature: -20°C~+40°C, -4°F~+104°F
Lifetime: ≥ 40,000hrs

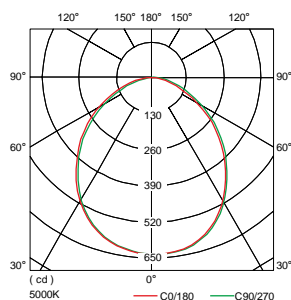


Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2005E1-21	21	1800	86	5000	≥80	100	0.6/1.32

Light Distribution Curve



Illuminance Distribution

H(m)	E(lx)	D(cm)
1	649	227
2	162	454
3	72	681
4	40	908
5	25	1136