



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 of 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 reveal the colors you want on your displays.



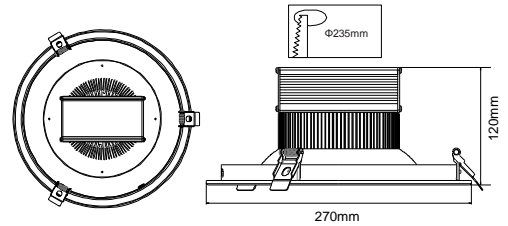
Dimmable

Dimming available and compatible with a good range of dimmers.



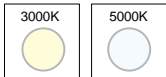
Specifications

Material: Aluminum
 Housing Color: White
 Size: 10"
 Driver: Built-in
 Dimming: Optional
 Input Voltage (Driver): AC100-240/277V ~ 50/60Hz
 Operating Temperature: -25°C~+45°C, -13°F~+113°F
 Lifetime: ≥ 40,000hrs



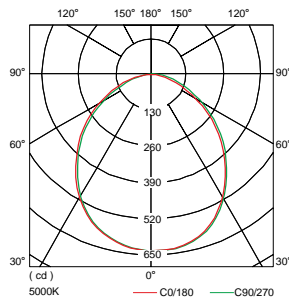
IP20 IK05

Color Temperature



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Weight (kg/lb)
DL-2010E1-21	21	1764	84	5000	≥80	100	1.2/2.65

Light Distribution Curve



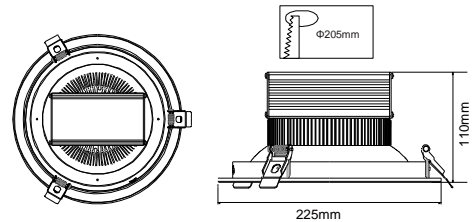
Illuminance Distribution

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



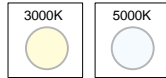
Specifications

Material: Aluminum
 Housing Color: White
 Size: 8"
 Driver: Built-in
 Dimming: Optional
 Input Voltage (Driver): AC100-240/277V ~ 50/60Hz
 Operating Temperature: -25°C~+45°C, -13°F~+113°F
 Lifetime: ≥ 40,000hrs



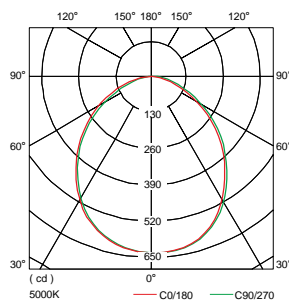
IP20

Color Temperature



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Weight (kg/lb)
DL-2008E1-21	21	1722	82	5000	≥80	100	1.1/2.43

Light Distribution Curve



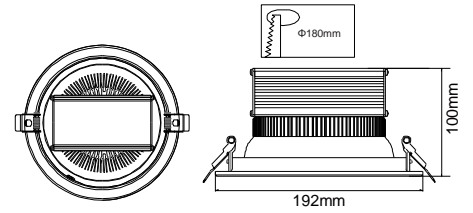
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4	39	955
5	25	1194

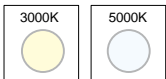


Specifications

Material: Aluminum
 Housing Color: White
 Size: 6"
 Driver: Built-in
 Dimming: Optional
 Input Voltage (Driver): AC200-240/277V ~ 50/60Hz
 Operating Temperature: -25°C~+45°C, -13°F~+113°F
 Lifetime: ≥ 40,000hrs

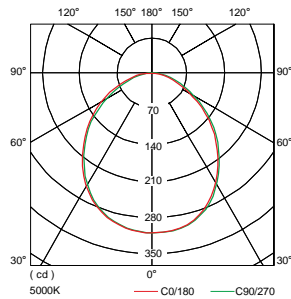


Color Temperature

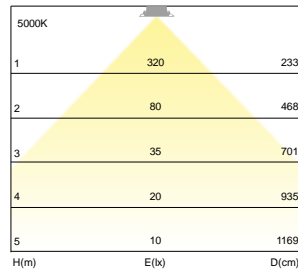


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Weight (kg/lb)
DL-2006E1-10	10	900	90	5000	≥80	100	0.8/1.76

Light Distribution Curve

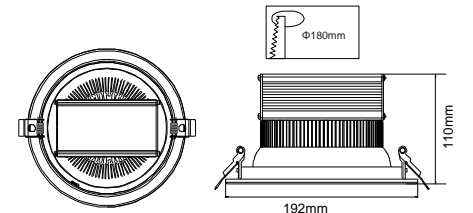


Illuminance Distribution

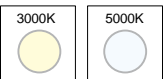


Specifications

Material: Aluminum
 Housing Color: White
 Size: 6"
 Driver: Built-in
 Dimming: Optional
 Input Voltage (Driver): AC100-240/277V ~ 50/60Hz
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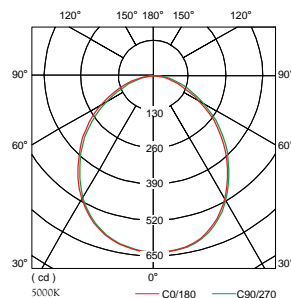


Color Temperature

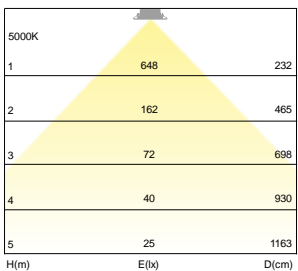


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Weight (kg/lb)
DL-2006E1-21	21	1806	86	5000	≥80	100	0.9/1.98

Light Distribution Curve



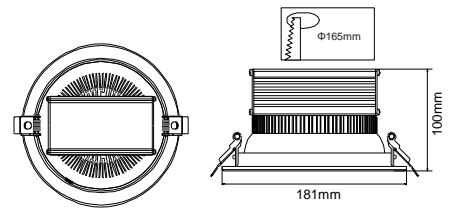
Illuminance Distribution



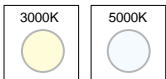


Specifications

Material: Aluminum
 Housing Color: White
 Size: 5"
 Driver: Built-in
 Dimming: Optional
 Input Voltage (Driver): AC200-240/277V ~ 50/60Hz
 Operating Temperature: -25°C~+45°C, -13°F~+113°F
 Lifetime: ≥ 40,000hrs

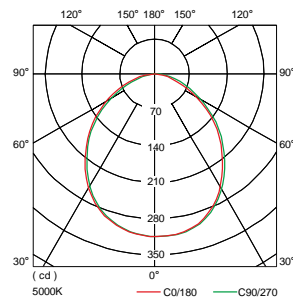


Color Temperature

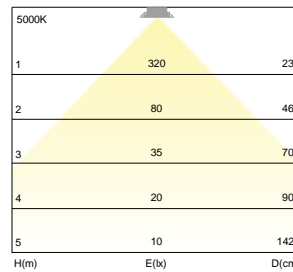


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	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
DL-2005E1-10	10	900	90	5000	≥80	100	0.8/1.76

Light Distribution Curve

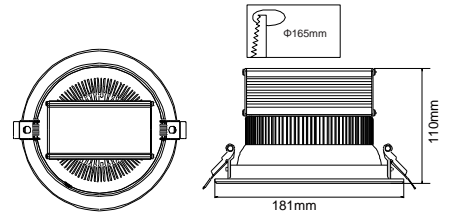


Illuminance Distribution

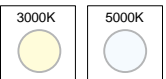


Specifications

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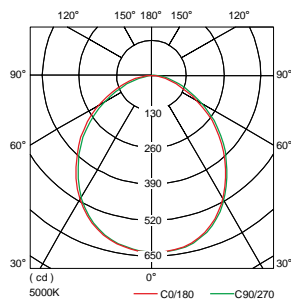


Color Temperature



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	1806	86	5000	≥80	100	0.9/1.98

Light Distribution Curve



Illuminance Distribution

