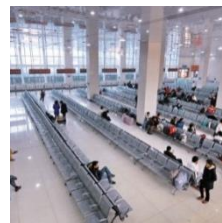
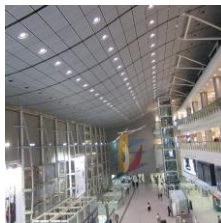




NITOR³ LED DOWNLIGHT



Excellent Heat Dissipation

The special liquid-cooled system provides for a steady dissipation of heat throughout the whole system.



Light Weight Design

A combination of liquid-cooled design and fin-type heat sink provide for greater heat dissipation, while effectively reducing the weight of luminaires and ceiling load.



Low Glare

The unique optical design effectively reduces the glare and provides a comfort and soft lighting environment.



Elegant Appearance

The elegant, white appearance design, suitable for a variety high-end indoor applications such as airport terminal building, commercial building reception hall, shopping center.



Dimmable function

Dimming functions available and compatible with a good range of dimmers.(Optional)



Quality Core Component

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



SONARAY®

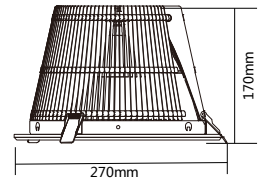
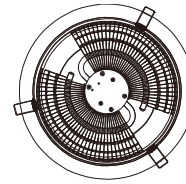
NITOR³ LED DOWNLIGHT

SONARAY®



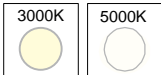
Specifications

Size: 10 "
Material: Aluminum
Housing Color: White
Driver: External
Dimming: Optional
Power Factor: ≥ 0.9
UGR: < 19
Input Voltage: 100-277V~50/60Hz
Output Voltage (Driver): DC30-48V ---
Output Current (Driver): 1.05A
Operating Temperature: -25°C~+45°C, -13°F~+113°F
Lifetime: $\geq 30,000$ hrs



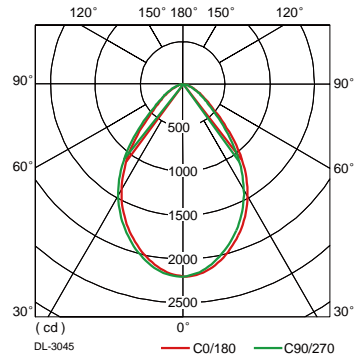
IP20 IK06

Color Temperature



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam Angle (°)	Driver Weight (kg/lb)	Light Engine Weight (kg/lb)
DL-3045	45	3240	72	5000	≥ 80	75	0.38/0.84	1.5/3.31

Light Distribution Curve



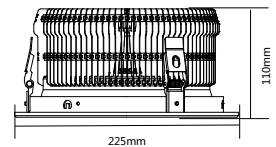
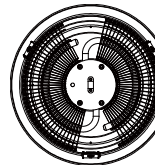
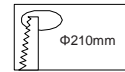
Illuminance Distribution

DL-3045		
H(m)	E(lx)	D(cm)
1	2200	151
2	550	302
3	244	454
4	138	605
5	88	756
6	61	907
7	45	1058
8	34	1210
9	27	1361
10	22	1512



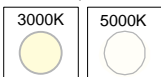
Specifications

Size: 8 "
Material: Aluminum
Housing Color: White
Driver: External
Dimming: Optional
Power Factor: ≥ 0.9
Input Voltage: 100-277V~50/60Hz
Output Voltage (Driver): DC33-54V
Output Current (Driver): 1.12A ---
Operating Temperature: -25°C~+45°C, -13°F~+113°F
Lifetime: $\geq 30,000$ hrs



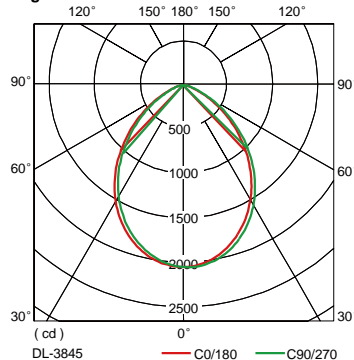
IP20

Color Temperature



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	CCT (K)	CRI (Ra)	Beam Angle (°)	Driver Weight (kg/lb)	Light Engine Weight (kg/lb)
DL-3845	45	4050	90	5000	≥ 80	85	0.4/0.88	0.94/2.7

Light Distribution Curve



Illuminance Distribution

DL-3845		
H(m)	E(lx)	D(cm)
1	2050	190
2	513	379
3	228	569
4	128	758
5	82	948
6	57	1137
7	42	1327
8	32	1516
9	25	1706
10	21	1895

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Version 1.4. Edited 2015.06

