



DASCOM LED LIGHTING SOLUTION

# LED DOWNLIGHT

SERIES 1000

Applications: Widely used in offices, conference rooms, stores, supermarkets, exhibition rooms, home lighting applications and other lighting places.



## Product Features:

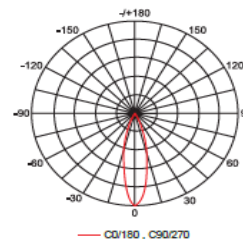
- High Quality CITELED LED Chipset
- Excellent Color Rendering
- 35000 Hours of Lifetime with 70% Lumen Maintenance
- Chromaticity Specifications in Accordance with ANSI Standard C78.377
- Several Cover Options Available, Creating either Soft or Spot Lighting.
- Instant-On without Flickering
- Multiple choices of Power, Size and Beam Angle
- Dimmable to 20%

## DL-1007 (2.5" with transparent cover)

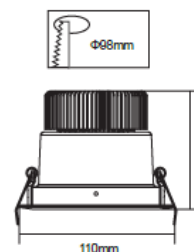


Power: 7W  
 Luminous Flux: 497lm(3000K), 518lm(4000K)  
 Luminous Efficacy: 71lm/W(3000K), 74lm/W(4000K)  
 Color Temperature: 3000K/4000K  
 (Options: 2700K/3500K/5000K)  
 CRI≥80  
 Beam Angle: 25°  
 Material: Aluminium  
 Housing Color: White  
 Power Supply: External  
 Input Voltage: DC30-40V  
 Input Current: 160mA  
 Dimming: 20% ~ 100%  
 Weight: 220g  
 Average Lifetime: ≥35000hrs

Polar Candela Distribution Lighting



Measurement

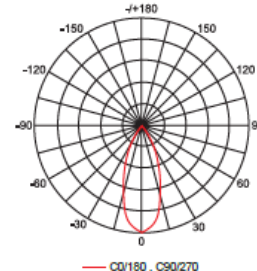


## DL-1015 (3" with transparent cover)

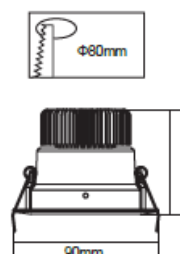


Power: 15W  
 Luminous Flux: 945lm(3000K), 1005lm(4000K)  
 Luminous Efficacy: 63lm/W(3000K), 67lm/W(4000K)  
 Color Temperature: 3000K/4000K  
 (Options: 2700K/3500K/5000K)  
 CRI≥80  
 Beam Angle: 40°  
 Material: Aluminium  
 Housing Color: White  
 Power Supply: External  
 Input Voltage: DC30-40V  
 Input Current: 340mA  
 Dimming: 20% ~ 100%  
 Weight: 340g  
 Average Lifetime: ≥35000hrs

Polar Candela Distribution Lighting



Measurement







## DL-1020 (4" with transparent cover)

CE RoHS

Power: 20W

Luminous Flux: 1200lm(3000K 40°), 1260lm(4000K 40°)

1260lm(3000K 80°), 1420lm(4000K 80°)

Luminous Efficacy: 60lm/W(3000K 40°), 63lm/W(4000K 40°)

63lm/W(3000K 80°), 71lm/W(4000K 80°)

Color Temperature: 3000K/4000K

(Options: 2700K/3500K/5000K)

CRI≥80

Beam Angle: 40°/80°

Material: Aluminium

Housing Color: White

Power Supply: External

Input Voltage: DC30-40V

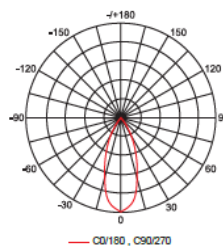
Input Current: 460mA

Dimming: 20% ~ 100%

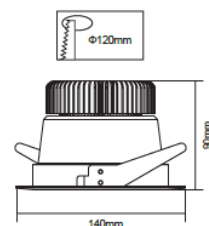
Weigh: 550g

Average Lifetime: ≥35000hrs

Polar Candela Distribution Lighting



Measurement



### Illuminance at Distance

DL-1007 (3000K with transparent cover)

1m	210/1156lx	50cm
2m	52/289lx	100cm
3m	23/128lx	150cm
4m	13/72lx	200cm
Height	Eavg, Emax	Beam Angle: 25° Diameter

DL-1007 (4000K with transparent cover)

1m	217/1179lx	50cm
2m	54/294lx	100cm
3m	24/131lx	150cm
4m	13/73lx	200cm
Height	Eavg, Emax	Beam Angle: 25° Diameter

DL-1015 (3000K with transparent cover)

1m	285/1105lx	80cm
2m	71/278lx	160cm
3m	31/122lx	240cm
4m	17/83lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

DL-1015 (4000K with transparent cover)

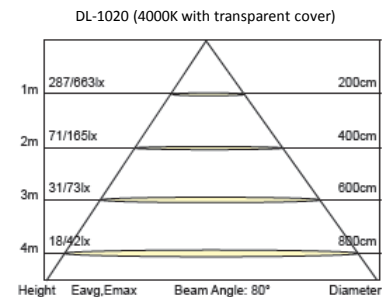
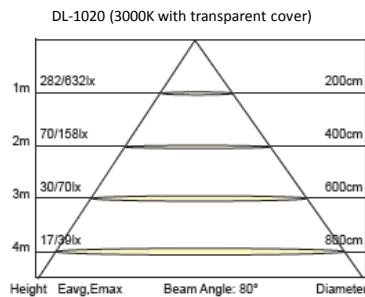
1m	337/1247lx	80cm
2m	84/331lx	160cm
3m	37/138lx	240cm
4m	21/77lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

DL-1020 (3000K with transparent cover)

1m	349/1259lx	80cm
2m	87/314lx	160cm
3m	38/139lx	240cm
4m	21/78lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

DL-1020 (4000K with transparent cover)

1m	352/1262lx	80cm
2m	88/315lx	160cm
3m	39/140lx	240cm
4m	22/80lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

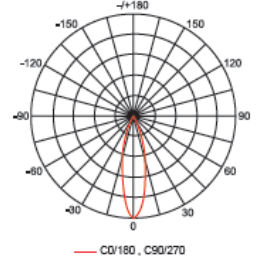


### DL-1007 (2.5" without transparent cover)

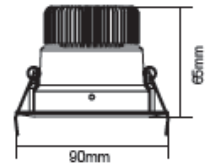


Power: 7W  
 Luminous Flux: 518 lm(3000K), 532 lm(4000K)  
 Luminous Efficacy: 74lm/W(3000K), 76lm/W(4000K)  
 Color Temperature: 3000K/4000K  
 (Options: 2700K/3500K/5000K)  
 CRI≥80  
 Beam Angle: 25°  
 Material: Aluminium  
 Housing Color: White  
 Power Supply: External  
 Input Voltage: DC30-40V  
 Input Current: 160mA  
 Dimming: 20% ~ 100%  
 Weigh: 220g  
 Average Lifetime: ≥35000hrs

Polar Candela Distribution Lighting



Measurement

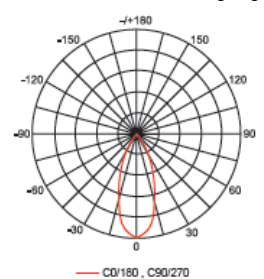


### DL-1015 (3" without transparent cover)

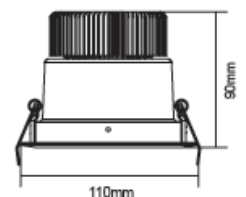
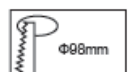


Power: 15W  
 Luminous Flux: 960lm(3000K), 1050lm(4000K)  
 Luminous Efficacy: 64lm/W(3000K), 70lm/W(4000K)  
 Color Temperature: 3000K/4000K  
 (Options: 2700K/3500K/5000K)  
 CRI≥80  
 Beam Angle: 40°  
 Material: Aluminium  
 Housing Color: White  
 Power Supply: External  
 Input Voltage: DC30-40V  
 Input Current: 340mA  
 Dimming: 20% ~ 100%  
 Weigh: 340g  
 Average Lifetime: ≥35000hrs

Polar Candela Distribution Lighting



Measurement



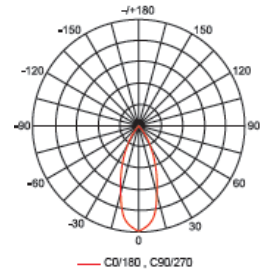


## DL-1020 (4" without transparent cover)

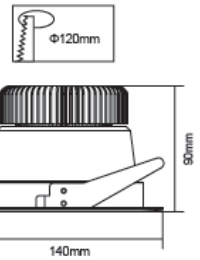
CE RoHS

Power: 20W  
 Luminous Flux: 1260lm(3000K), 1400lm(4000K)  
 Luminous Efficacy: 63lm/W(3000K), 70lm/W(4000K)  
 Color Temperature: 3000K/4000K  
 (Options: 2700K/3500K/5000K)  
 CRI≥80  
 Beam Angle: 40°  
 Material: Aluminium  
 Housing Color: White  
 Power Supply: External  
 Input Voltage: DC30-40V  
 Input Current: 460mA  
 Dimming: 20% ~ 100%  
 Weigh: 550g  
 Average Lifetime: ≥35000hrs

Polar Candela Distribution Lighting



Measurement



### Illuminance at Distance

DL-1007 (3000K without transparent cover)

1m	221/1373lx	50cm
2m	55/343lx	100cm
3m	24/152lx	150cm
4m	13/85lx	200cm
Height	Eavg, Emax	Beam Angle: 25° Diameter

DL-1007 (4000K without transparent cover)

1m	250/1554lx	50cm
2m	62/388lx	100cm
3m	27/172lx	150cm
4m	15/97lx	200cm
Height	Eavg, Emax	Beam Angle: 25° Diameter

DL-1015 (3000K without transparent cover)

1m	327/1348lx	80cm
2m	81/337lx	160cm
3m	36/149lx	240cm
4m	20/84lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

DL-1015 (4000K without transparent cover)

1m	328/1433lx	80cm
2m	82/358lx	160cm
3m	36/159lx	240cm
4m	20/89lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

DL-1020 (3000K without transparent cover)

1m	411/1388lx	80cm
2m	102/397lx	160cm
3m	45/176lx	240cm
4m	25/96lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter

DL-1020 (4000K without transparent cover)

1m	420/1400lx	80cm
2m	105/405lx	160cm
3m	48/150lx	240cm
4m	27/85lx	320cm
Height	Eavg, Emax	Beam Angle: 40° Diameter