

LED Downlight ND151 E-155E

15W

Features

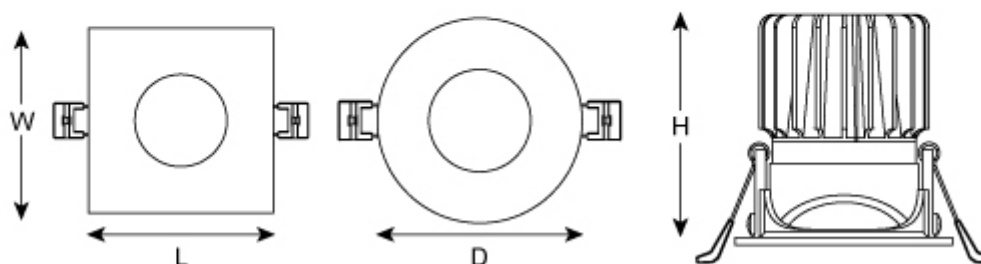
- 15W LED Downlight
- Recessed round, uniform distribution
- Ideal replacement up to 100W halogen downlight
- Adjustable tilting angle of 0°-20° vertically
- Beam angle: 36°
- Cut out diameter Ø75mm
- Dimmable as option
- Special color spectrum for aquarium, agriculture and food display, available on request
- Color Rendering Index: ≥80



Diagrams

Dimensions:

(Unit : mm)	(L)	(W)	(H)	(Unit : mm)	(D)	(H)
ND152	82	x 82	x 80	ND151	Ø88	x 80
ND155	82	x 82	x 80	ND154	Ø88	x 80



Prosperity Lamps & Components Ltd.

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ND151 Front View:**ND151 Front View (Adjusted):**

ND15 Back View:



ND15 Bottom View:



ND151



ND152



ND154



ND155

Standards



IP20

Applications



Home



Shopping mall



Hotel



Supermarket



Restaurant

Technical Data

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Electrical	
Rated Wattage [W]	15W
Rated Voltage [V/Hz]	100-240V, 50/60Hz
Power Factor @230V	0.95
Input Current [mA] @230V	69
LED	COB
Model	
ND151E-15W/8XX	15W (COB 13W, 350mA, 36±2Vdc, 1485-1585lm)
ND152E-15W/8XX	15W (COB 13W, 350mA, 36±2Vdc, 1485-1585lm)
ND154E-15W/8XX	15W (COB 13W, 350mA, 36±2Vdc, 1485-1585lm)
ND155E-15W/8XX	15W (COB 13W, 350mA, 36±2Vdc, 1485-1585lm)
Luminous Flux [lm]	
15W	640lm / 640lm / 690lm / 690lm @3000K
	670lm / 670lm / 720lm / 720lm @4000K
	700lm / 700lm / 750lm / 750lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	43-50
Color Rendering Index [Ra]	≥80
Beam Angle [°]	36
Rated Life, Ta@25°C [hrs]	50,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Mechanical	
Diameter D [mm] x Height H [mm]	Ø88 x 80 (ND151E, ND154E)
Length L [mm] x Width W [mm] x Height H [mm]	82 x 82 x 80 (ND152E, ND155E)
Cut out diameter [mm]	Ø75
Material	Body: Die-cast aluminium
	Trim: Die-cast aluminium
	Reflector: High purity, anodized aluminium
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Electrical Class	II
Other	
Dimmable [Y/N]	Optional
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C

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