

LED Downlight ND361 E-364E

15W/24W/32W/41W

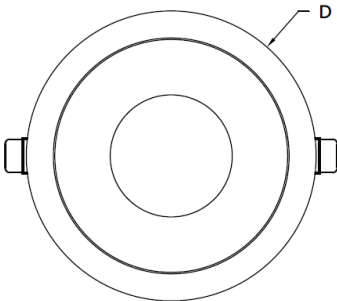
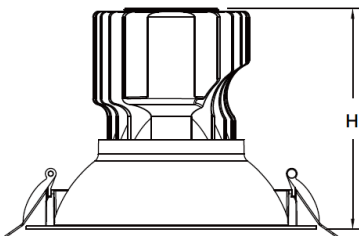
Features

- 15W / 24W / 32W / 41W LED Downlight
- Recessed round, uniform distribution
- Ideal replacement up to 70W HID downlight
- Cut out dimensions Ø90mm / Ø125mm / Ø170mm / Ø200mm
- Dimmable as option
- Special color spectrum for aquarium, agriculture and food display, available on request
- Color Rendering Index: ≥80



Diagrams

Dimensions:



(Unit: mm)	(D)		(H)		Cut out Dimensions
ND361E	Ø105	X	90	X	Ø90
ND362E	Ø138	X	127	X	Ø125
ND363E	Ø190	X	148	X	Ø170
ND364E	Ø230	X	172	X	Ø210

Standards



IP20

Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant

Technical Data

Type of Light Source

Lighting Technology Used LED

Non-directional or Directional [NDLS/DLS] DLS

Mains or Non-mains [MLS/NMLS] NMLS

Connected Light Source No

Color tunable light source No

Envelop [No/Second/Non-Clear] No

High Luminance Light Source No

Anti-glare Shield No

Electrical

Rated Wattage [W] 15W / 24W / 32W / 41W

On-mode Power [W] 15W / 24W / 32W / 41W

Standby Power [W] N/A

Networked Standby Power [W] N/A

Rated Voltage [V/Hz] 220-240V, 50/60Hz

Power Factor 0.9

Input Current [mA] @230V 72 / 116 / 155 / 198

Model

ND361E-15W/8XX 15W (COB 350mA, 36±2Vdc)

ND362E-24W/8XX 24W (COB 600mA, 36±2Vdc)

ND363E-32W/8XX 32W (COB 800mA, 36±2Vdc)

ND364E-41W/8XX 41W (COB 1050mA, 36±2Vdc)

Luminous Flux (Useful Luminous Flux) [lm]

15W 1200lm(1180lm) @3000K

1250lm(1215lm) @4000K

1300lm(1260lm) @5000K

24W 2150lm(2085lm) @3000K

2200lm(2135lm) @4000K

Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

	2250lm(2185lm) @5000K
32W	2950lm(2860lm) @3000K
	3000lm(2910lm) @4000K
	3050lm(2960lm) @5000K
41W	3850lm(3735lm) @3000K
	3900lm(3785lm) @4000K
	3950lm(3830lm) @5000K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.4@3000K / 0.38, 0.38@4000K / 0.35, 0.36@5000K
Efficacy [lm/W]	79-93
Color Rendering Index [Ra]	80
R9 colour rendering index value	2
Beam Angle [°]	15 / 24 / 38
Rated Life, Ta@25°C [hrs]	50,000
Lamp Survival Factor	>0.9
Lumen Maintenance	>0.96
Number of Switching Cycles Before Failure	25,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	N/A
Flicker Metric [Pst LM]	N/A
Stroboscopic Effect Metric [SVM]	N/A
Mechanical	
Diameter D [mm]	Ø105 / Ø138 / Ø190 / Ø230
Cut out dimensions [mm]	Ø90 / Ø125 / Ø170 / Ø210
Height H [mm]	90 / 127 / 148 / 172
Material	Body: Die-cast aluminium
	Trim: Die-cast aluminium
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
Electrical Class	II
Other	
Dimmable [Yes/Only with specific dimmers/No]	Optional
Operation Temperature	-20°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	15kWh / 24kWh / 32kWh / 41kWh