

LED Spotlight NS171E-172E

40W/55W

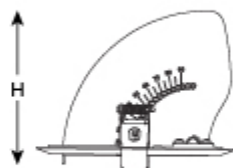
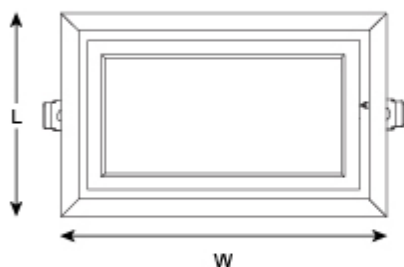
Features

- 40W / 55W LED Spotlight
- Adjustable tilting angle of 0°-80° vertically and 350° horizontally
- Ideal replacement for HID lighting fixtures up to 70W
- Dimmable as option
- Cut out dimensions 225x135mm
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit : mm)	(L)	(W)	(H)	Cut Out Dimensions
NS171E	150	x 240	x 107	225 x 135
NS172E	150	x 240	x 107	225 x 135

Prosperity Lamps & Components Ltd.

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Standards



IP20

Applications



Shopping mall



Hotel



Supermarket



Restaurant



Gallery



Museum

Technical Data

Type of Light Source

Lighting Technology Used LED

Non-directional or Directional [NDLS/DLS] DLS

Mains or Non-mains [MLS/NMLS] MLS

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] 40W / 55W

On-mode Power [W] 40W / 55W

Standby Power [W] N/A

Networked Standby Power [W] N/A

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

Power Factor 0.9

Input Current [mA] @230V 193 / 266

Model

NS171E-40W/8XX 40W

NS172E-55W/8XX 55W

Luminous Flux (Useful Luminous Flux) [lm]

40W 3800lm (3685lm) @3000K

3900lm (3785lm) @4000K

4000lm (3880lm) @6500K

55W 5900lm (5725lm) @3000K

6000lm (5820lm) @4000K

6100lm (5920lm) @6500K

Performance

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SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	92-108
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	60
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]	0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Cut out dimensions [mm]	225x135
Length L [mm]	150
Width W [mm]	240
Height H [mm]	107
Material	Body: Die-cast aluminium
	Reflector: Anodised faceted aluminium
	Diffuser: Toughened glass
Standard Compliance	
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Energy Class	F(40W) / E(55W)
Electrical Class	II
Other	
Dimmable [Yes/Only with specific dimmers/No]	Optional
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	40kWh / 55kWh