

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

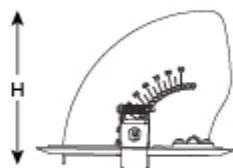
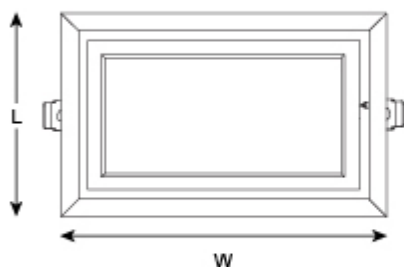


NS171E

NS172E

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

Standards



Applications



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	

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