

LED Spotlight NS161E-162E

30W/40W

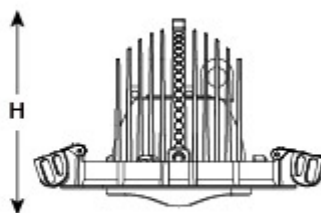
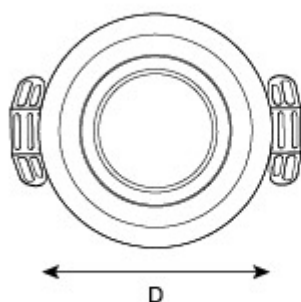
Features

- 30W / 40W LED Spotlight
- Adjustable tilting angle of 0°-60° vertically and 350° horizontally
- Ideal replacement for HID lighting fixtures up to 70W
- Dimmable as option
- Cut out dimensions Ø142mm / Ø175mm
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit : mm)	(D)	(H)	Cut Out Dimensions
NS161E	Ø152 x	122	Ø142
NS162E	Ø188 x	151	Ø175

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]	30W / 40W	
On-mode Power [W]	30W / 40W	
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	145 / 193	
Model		
NS161E-30W/8XX	30W	
NS162E-40W/8XX	40W	
Luminous Flux (Useful Luminous Flux) [lm]		
30W	2600lm (2520lm) @3000K	
	2700lm (2620lm) @4000K	
	2800lm (2715lm) @6500K	
40W	3500lm (3400lm) @3000K	
	3600lm (3500lm) @4000K	
	3700lm (3600lm) @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]	84-91
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	24 / 40 / 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	
Diameter [mm]	Ø152 / Ø186
Cut out dimensions [mm]	Ø142 / Ø175
Height H [mm]	122 / 151
Material	Body: Die-cast aluminium
	Reflector: Anodised faceted aluminium
	Diffuser: Toughened glass
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-1
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Mercury Content [mg]	0.0
Energy Class	F
Electrical Class	II
Other	
Dimmable [Yes/Only with specific dimmers/No]	Yes
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	30kWh / 40kWh