

LED Spotlight NS121E-123E

8Wx1/8Wx2/8Wx3

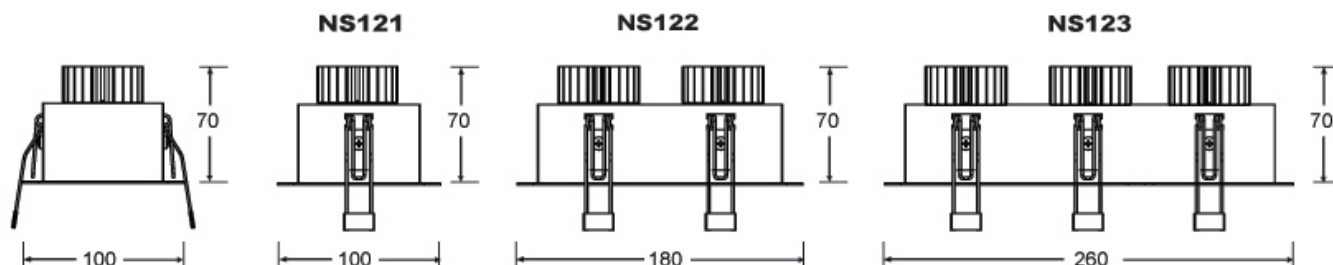
Features

- 8Wx1 / 8Wx2 / 8Wx3 LED spotlight
- Adjustable tilting angle of 0°-15° vertically and 350° horizontally
- Dimmable as option
- Color Rendering Index: ≥80
- Special color spectrum for aquarium, agriculture and food display, available on request



Diagrams

Dimensions:



Standards



IP20

Prosperity Lamps & Components Ltd.

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Applications


Shopping mall


Hotel


Supermarket


Restaurant


Parking


School


Factory


Hospital


Gallery


Museum


Airport

Technical Data	
Electrical	
Rated Wattage [W]	8Wx1 / 8Wx2 / 8Wx3
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.99
Input Current [mA] @230V	35 / 70 / 105
LED	COB
Model	
NS121E-8Wx1/8XX	8Wx1 (1 x COB 6W, DC18±1V, C.C.350mA, 740-800lm)
NS122E-8Wx2/8XX	8Wx2 (2 x COB 6W, DC18±1V, C.C.350mA, 740-800lm)
NS123E-8Wx3/8XX	8Wx3 (3 x COB 6W, DC18±1V, C.C.350mA, 740-800lm)
Luminous Flux [lm]	
8Wx1	600lm @3000K
	630lm @4000K
	660lm @6500K
8Wx2	1200lm @3000K
	1260lm @4000K
	1320lm @6500K
8Wx3	1800lm @3000K
	1890lm @4000K
	1980lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	75-83
Color Rendering Index [Ra]	≥80
Beam Angle [°]	15 / 24 / 38 / 60
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	
Lenght L [mm]	100 / 180 / 260
Width W [mm]	100
Height H [mm]	70
Cut out [mm*mm]	80*80 / 80*160 / 80*240
Adjustable angle	15° tiltable and 350° rotatable
Material	Body: Anodised Steel
	Reflector: Anodised facetted aluminium
	Diffuser: Toughened glass
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