

Waterproof Batten NL241E-242E

40W/80W

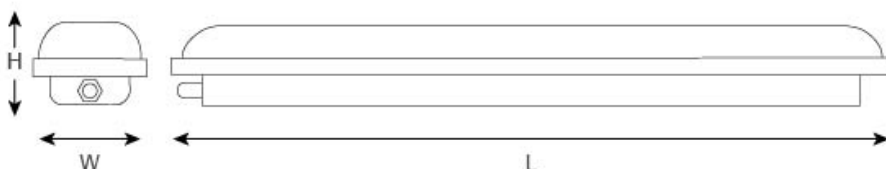
Features

- 40W / 80W LED Linear Waterproof Batten
- 120° beam angle for large open area coverage
- Uniformity distribution in high ceiling application
- Color Rendering Index: ≥80



Diagrams

Dimensions:



(Unit : mm)	(L)	(W)	(H)
NL241E	683 x	138 x	84
NL242E	1283 x	138 x	84

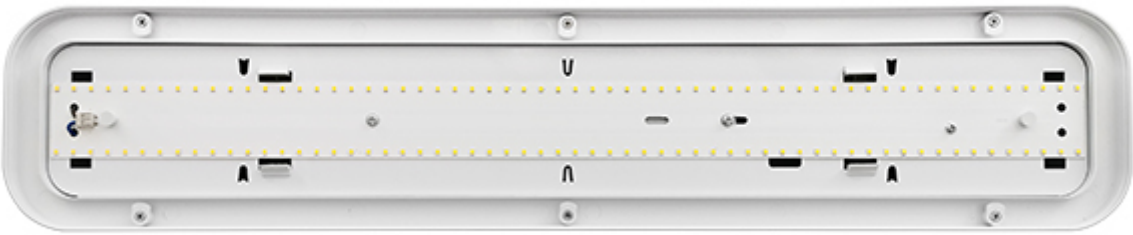
Back View:



Prosperity Lamps & Components Ltd.

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

Bottom View:



Side View:



Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	40W / 80W
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	193 / 386
LED	SMD
Model	
NL241E-40W/830	40W 3000K

NL241E-40W/840	40W 4000K
NL241E-40W/865	40W 6500K
NL242E-80W/830	40W 3000K
NL242E-80W/840	40W 4000K
NL242E-80W/865	40W 6500K
Luminous Flux [lm]	
40W	3700lm @3000K
	3800lm @4000K
	3900lm @6500K
80W	7400lm @3000K
	7600lm @4000K
	12500lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	90-95
Color Rendering Index [Ra]	≥80
Beam Angle [°]	120
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	
Length L [mm]	683 / 1283
Width W [mm]	138
Height H [mm]	84
Material	Body: PC
	Diffuser PC
	Chips: 2835
	Driver: OEM / Tridonic
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-1
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Electrical Class	II
Other	
Dimmable [Y/N]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C