

LED T5 Seamless Batten NL191A-NL194A

5W/9W/14W/18W

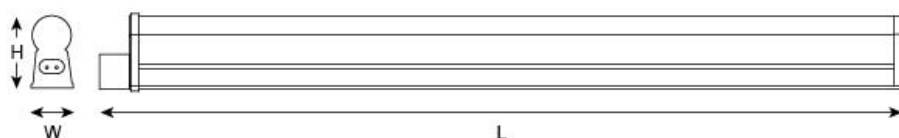
Features

- Energy saving with low power consumption
- Low thermal output with no IR and harmful UV
- No mercury and hazardous substances
- Seamless design
- Optional Switch
- Accessories: Mounting clips, Caps, Cable, Connecting cable
- Good color rendition, Ra ≥80



Diagrams

Dimensions:

	(Unit : mm)				Max. no. of luminaires interconnected
	(L)	(W)	(H)		
NL191A	308	x 22.5	x 36		30
NL192A	582	x 22.5	x 36		15
NL193A	882	x 22.5	x 36		10
NL194A	1182	x 22.5	x 36		8

Standards



IP20

Prosperity Lamps & Components Ltd.

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Applications



Home



Office



Shopping mall



Hotel



Supermarket



School



Gallery

Technical Data

Type of Light Source

Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	NDLS
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]	5W / 9W / 14W / 18W
On-mode Power [W]	5W / 9W / 14W / 18W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor	0.77 / 0.88 / 0.92 / 0.93
Input Current [mA] @230V	28 / 44 / 66 / 84

Model

NL191A-5W/8xx	5W
NL192A-9W/8xx	9W
NL193A-14W/8xx	14W
NL194A-18W/8xx	18W

Luminous Flux (Useful Luminous Flux) [lm]

5W	430lm @3000K
	460lm @4000K
	500lm @6500K
9W	800lm @3000K
	850lm @4000K
	900lm @6500K
14W	1400lm @3000K
	1450lm @4000K
	1500lm @6500K

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18W	1800lm @3000K
	1850lm @4000K
	1900lm @6500K
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.4@3000K / 0.38, 0.38@4000K / 0.31, 0.34@6500K
Efficacy [lm/W]	86-107
Color Rendering Index [Ra]	80
R9 colour rendering index value	2
Beam Angle [°]	130
Rated Life, Ta@25°C [hrs]	15,000
Lamp Survival Factor	0.9
Lumen Maintenance	0.93
Number of Switching Cycles Before Failure	>7,500
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	
Length L [mm]	308 / 582 / 882 / 1182
Width W [mm]	22.5
Height H [mm]	36
Material	Body: PC
	Diffuser: Opal
	End cap: Plastic
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-1, EN62471
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
Electrical Class	II
Other	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-20°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	5kWh / 9kWh / 14kWh / 18kWh