

LED Linear Wallwasher WW1E-4E

14W/27W/39W/51W

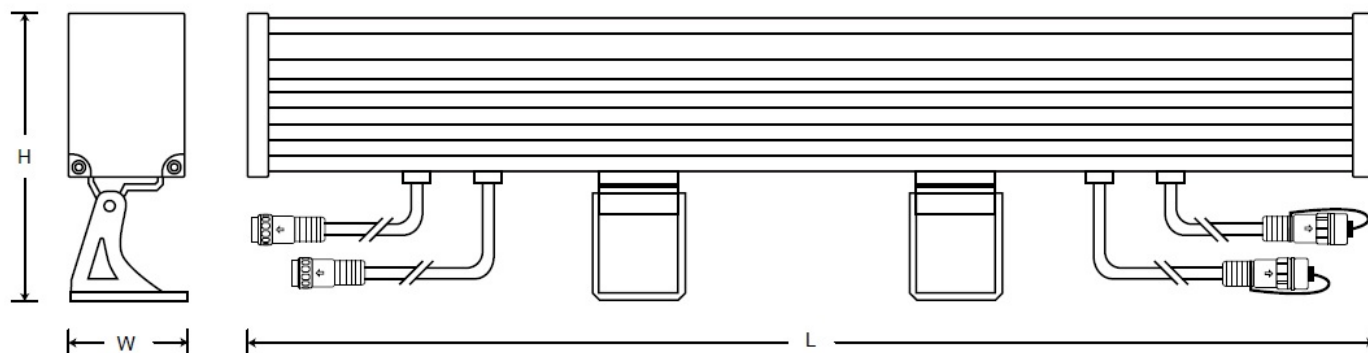
Features

- 14W / 27W / 39W / 51W LED Linear Wall Washer
- 11 types advance optical solutions are available
- Individual SPD in series connection with L-L 10kV and L-Peak 20kV protection except 300mm length model with L-L 2kV
- 1-10V dimming option available
- Integral driver
- Optional glare shield
- Guarantees functionality in dusty and humid environment
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit: mm)	L	W	H	Max no. of fixture on 10A circuit breaker
14W :	300	x 59	x 148	60pcs
27W :	600	x 59	x 148	40pcs
39W :	900	x 59	x 148	30pcs
51W :	1200	x 59	x 148	20pcs

Prosperity Lamps & Components Ltd.

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Isometric View:**Side View:****Top View:****Front View:**

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Bottom View:



Bracket:



Standards



Applications



Facade

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]	14W / 27W / 39W / 51W
On-mode Power [W]	14W / 27W / 39W / 51W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	100-240V, 50/60Hz
Power Factor	0.9
Input Current [mA] @230V	68 / 130 / 188 / 246
Model	
WW1E-14W/8XX-0010G	14W
WW2E-27W/8XX-0010G	27W
WW3E-39W/8XX-0010G	39W
WW4E-51W/8XX-0010G	51W
Luminous Flux (Useful Luminous Flux) [lm]	
14W	1190lm (1150lm) @3000K
	1260lm (1220lm) @4000K
	1330lm (1290lm) @6500K
27W	2300lm (2230lm) @3000K
	2430lm (2360lm) @4000K
	2570lm (2495lm) @6500K
39W	3320lm (3220lm) @3000K
	3510lm (3405lm) @4000K
	3710lm (3600lm) @6500K
51W	4340lm (4210lm) @3000K
	4590lm (4450lm) @4000K
	4850lm (4705lm) @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]	83-92
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	10 / 15 / 25 / 30 / 40 / 60 / 10x30 / 10x45 / 10x65 / 10x70 / 20x65
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]	0.7(14W) / 0.9(27W, 39W, 51W)
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4

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Mechanical	
Length L [mm]	300 / 600 / 900 / 1200
Width W [mm]	59
Height H [mm]	148
Material	Housing: Extruded aluminum, anodized
	End cap: Die cast aluminum, powder coated in grey
	Glass: Tempered 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
Energy Class	F
Electrical Class	I
Other	
Dimmable [Yes/Only with specific dimmers/No]	Optional
Operation Temperature	-10°C ~ 35°C
Storage Temperature	-30°C ~ 40°C
Energy Consumption in on-mode [kWh/1000h]	14kWh / 27kWh / 39kWh / 51kWh