



8120 48V



FEATURES

- Continuous max run is 30 meters and can be driven at one end with minimum lighting decay.
- Supplied custom / 50m IP20 / 30m IP67.
- Safest long-length strip with low-voltage 48V input.
- Less power feeds required.
- Ultra long runs with small step/cut lengths.
- Perfect for long bulkheads in shopping centres and hospitals, bridges, construction sites, hallways and corridors.



30M
NA
ET
48V DC
120 LEDs/m
10mm

2700K
3000K
4000K
5000K
6000K
2 Step
1 Bin only

SPECIFICATION

Basic Parameters

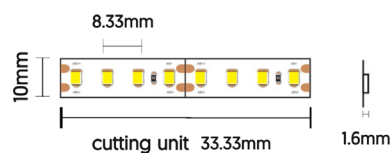
Size	IP20: 10mm x 1.6mm x 50,000 IP67: 10mm x 1.6mm x 30,000 or Custom
Input Voltage	48VDC
Input Current	0.183A/1m and 4.33A/30m
Typical power	8.8W/1m and 207.8W/30m
Max Power	9.6W
Lifetime	L90 >36,000 hours
LED/m	120/m
Continuous max run	3m
Colour / CCT	3000K, 4000K
Bin/Step (SDCM)	1 bin 2 step MacAdam ellipse
CRI	>90
Energy Efficiency Class	A+
Warranty	5 years
Control	0-10V
Cutting Increment	33.33mm
Connection Tails	Custom / 2x2m for 5m reel
Beam Angle	120° Beam

Product Ordering

CODE	COLOUR	LM/M	IP RATING	STOCKED
8120-48-10-3000-20	3000K	830	20	YES
8120-48-10-4000-20	4000K	860	20	YES
8120-48-10-3000-67	3000K	830	67	YES
8120-48-10-4000-67	4000K	860	67	YES

S/O: Special Order (CRI >80, 2700K, 5000K)
The above is testing data for a 1m LED strip without IP (NO)
Any IP will change the lumen values listed above < smaller than or equal to

Technical Diagram



Ingress Protection (IP)



Recommended Solution / Accessories

TRANSFORMERS

HLG-240-48 (IP67)
Non-dimmable < 25m



HLG-320-48 (IP67)
Non-dimmable < 35m



HLG-480-48 (IP67)
Non-dimmable < 50m



HLG-240-48AB (IP67)
Dimmable < 25m



HLG-320-48B (IP67)
Dimmable < 35m



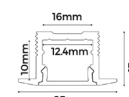
HLG-480-48AB (IP67)
Dimmable < 50m



PROFILES

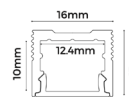
2513 (IP20)
2500mm

Black/White



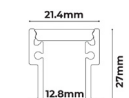
1613 (IP20)
2500mm

Black/White



2126 (IP65)
2500mm Aluminum

2500mm Aluminum



2711 (IP65)
2500mm Aluminum

2500mm Aluminum

