

PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-EWXX-80 / AT-EWXX-128





AT-EW-80

HIGH EFFICIENCY (ERP-FRIENDLY) STRIP:

High efficiency (ErP-friendly) strip is designed to meet the new European ErP standard.

It's light efficiency can reach up to 185lm/w at CRI80 and 165lm/w at CRI90 and ErP energy efficiency class can reach level B at CRI80 and level C at CRI90.

TECHNICAL PARAMETER

<p>Constant Voltage</p>	<p>Unit:mm</p>
<p>IP Grade</p>	

PRODUCT SPECIFICATION

Dimension	5000x10x1.2mm	Voltage (V)	DC24V
Chip Type	2835 SMD	Current (A/m)	0.5A
Chips/m	80 LEDs	Power (W/m)	12W
Step LEDs	8 LEDs	Beam Angle	120°
Step Length	100mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (DATA BASE ON EXTRA HIGH EFFICIENCY IP20)

	CCT (K)	CRI	Lumen (lm/m)	Efficacy (lm/w)	ErP Energy efficiency Class
AT-EW27-80	2700±100	Ra90	1680.00	140	D
AT-EW30-80	3000±100	Ra90	1764.00	147	D
AT-EW40-80	4000±100	Ra90	1920.00	160	D
AT-EW65-80	6500±100	Ra90	1920.00	160	D



AT-EW-128

HIGH EFFICIENCY (ERP-FRIENDLY) STRIP:

High efficiency (ErP-friendly) strip is designed to meet the new European ErP standard.

It's light efficiency can reach up to 185lm/w at CRI80 and 165lm/w at CRI90 and ErP energy efficiency class can reach level B at CRI80 and level C at CRI90.

TECHNICAL PARAMETER

Constant Voltage	
IP Grade	

PRODUCT SPECIFICATION

Dimension	5000x10x1.2mm	Voltage (V)	DC24V
Chip Type	2835 SMD	Current (A/m)	0.75A
Chips/m	128 LEDs	Power (W/m)	18W
Step LEDs	8 LEDs	Beam Angle	120°
Step Length	62.5 mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (DATA BASE ON EXTRA HIGH EFFICIENCY IP20)

	CCT (K)	CRI	Lumen (lm/m)	Efficacy (lm/w)	ErP Energy efficiency Class
AT-EW27-128	2700±100	Ra90	2520.00	140	D
AT-EW30-128	3000±100	Ra90	2646.00	147	D
AT-EW40-128	4000±100	Ra90	2880.00	160	D
AT-EW65-128	6500±100	Ra90	2880.00	160	D

AT-EW-80/128

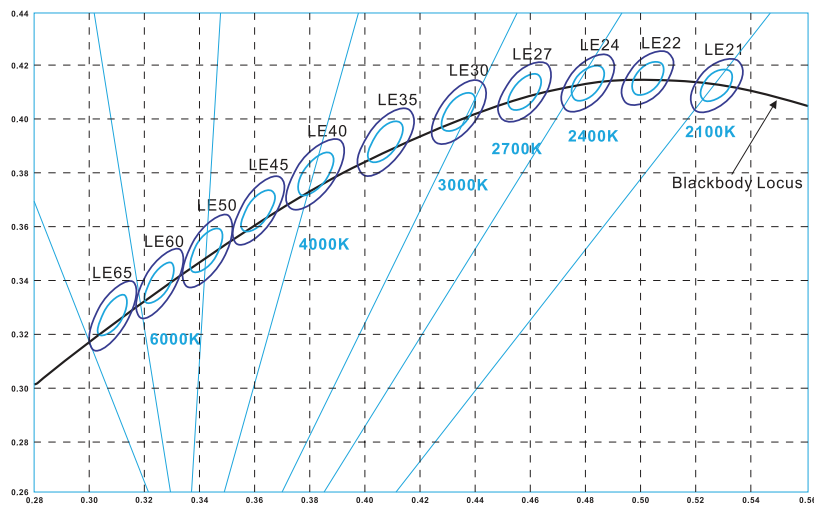


24V, flexible LED strip with 3M adhesive tape on the back for easy installed. 120° beam angle. Very good color reproduction with CRI>90. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L70). Double-layer FPC(3Oz) for good heat dissipation.

IP20: bare, max. light output and the best color consistency, indoor use.

IP65: Silicon tube / Heat shrink tube / Extrusion tube , ~3% less output and 2nd best color consistency, Indoor use or semi-outdoor use, for raining environments.

BINING



CONNECTION DIAGRAM

