

IP44 Linear Batten Light

Up to 160lm/W | 20W/40W/50W/60W 16W/32W/36W/48W



Description:

The IP44 LED Batten Linear Light Series is a high-efficiency LED batten light designed for commercial and industrial lighting. Delivering up to 160 lm/W, this linear LED batten fixture provides bright, uniform illumination while reducing energy consumption.

Built with Lumileds LEDs and a reliable Lifud driver, the fixture ensures stable performance, long lifespan, and excellent lighting efficiency. The tool-free installation design, adjustable power settings, and flexible mounting options allow fast installation and easy adaptation to different lighting projects.

Available in multiple power and length options, the series also offers an optional UGR<19 low-glare version to improve visual comfort in offices and retail environments. With IP44 protection, durable steel housing, and compatibility with smart sensor controls, this LED linear batten light is an ideal solution for retail stores, warehouses, offices, storage areas, and parking facilities.

Specifications:

Indoor/Outdoor	Indoor
Product No.:	ABT160-06,12,15,18 depending on length
Input Voltage:	220-240Vac / 50-60 Hz
System Power:	20W / 40W / 50W /60W
Type of light source:	Lumileds 2835/Chinese brand 2835
Color Rendering(CRI):	Ra 80
CCT:	3000K / 4000K
System Lumen:	3200lm,6400lm,8000lm,9600lm
System Efficacy:	160lm/W (Standard version), 125lm/W(UGR<19 Version)
Light Distribution:	Direct
Beam Angle:	85°
UGR (4H 8H):	UGR<22 / UGR<19
IP Rating:	IP44
Color:	RAL9016 White
Luminaire Lifetime:	50.000h (L80B50, Ta25°C)
Working Temperature:	-30 ~ +45 °C
Material:	SPCC body
Electrical Class	I
Photobiological Safety:	Risk Group 1
Dimming:	ON-OFF, TRIAC, 1-10V, DALI

Mounting / Connection:

Mounting:	Suspended /Surface mounted
Cut-out:	N/A
Connection:	Push-type terminal block

Packaging Information:

N.W. Fixture (Kg)
 G.W. Carton
 Mater Carton Dimension:
 Qty per Carton:

Photometrics

Please download from the website or consult the sales manager.

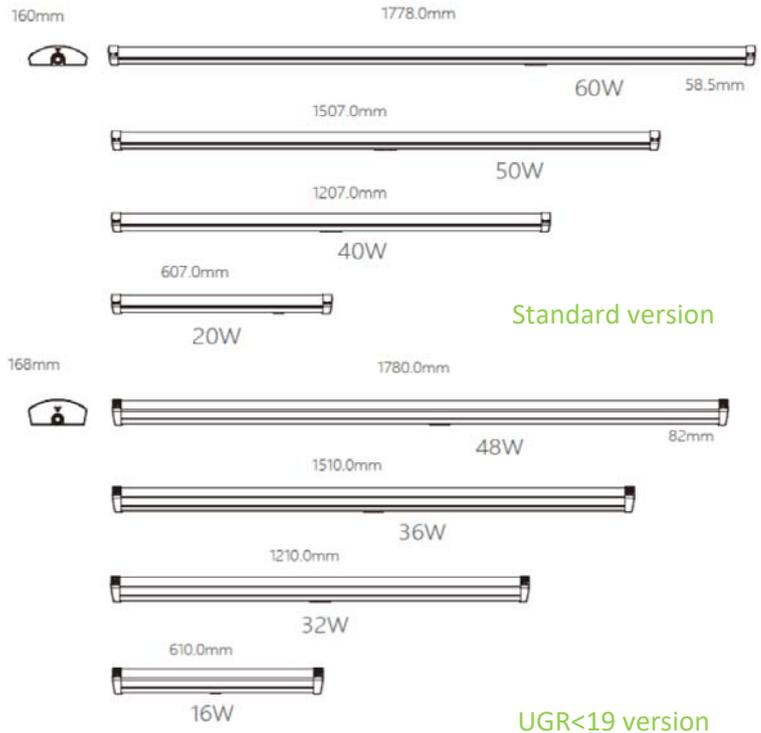
Ordering Information:

Project: _____
 Location: _____
 Fixture Ref.: _____
 Quantity: _____
 Remarks: _____

Picture:



Line Drawings:



Model	Length	Product Type	Wattage	Color Rendering	CCT	Beam	Installation	Dimming Options
ABT160	06 607 /610mm		20W / 16W	8 80+ CRI	30 3000K	WF (85°)	SM Surface	F ON-OFF
	12 1207 /1210mm	F Fixed	40W / 32W		40 4000K		SUS Suspended	P PHASE DIM
	15 1507 /1510mm		50W / 36W					V 1~10V DIM
	18 1778 /1780mm		60W / 48W					D DALI DIM
					3000K & 4000K Selectable			

AMAZ reserves the right to alter material, dimensions and characteristics without prior notice. Lighting technology changes rapidly.

Product Variants

IP44 batten series-Standard

Model No.	Wattage(W)	Input voltage	CRI	Efficacy	Luminous Flux(lm)	Beam Angle	CCT	LED Type	Driver
ABT160-06	20W	220-240Vac	80	160lm/W	3200lm	85°	3000K 4000K	Lumileds 2835//Chinese brand	Lifud
ABT160-12	40W				6400lm				
ABT160-15	50W				8000lm				
ABT160-18	60W				9600lm				

IP44 batten series-UGR<19 Version

Model No.	Wattage(W)	Input voltage	CRI	Efficacy	Luminous Flux(lm)	Beam Angle	CCT	LED Type	Driver
ABT160-06-UGR	16W	220-240Vac	80	125lm/W	2000lm	85°	3000K 4000K	Lumileds 2835//Chinese brand	Lifud
ABT160-12-UGR	32W				4000lm				
ABT160-15-UGR	36W				4500lm				
ABT160-18-UGR	48W				6000lm				

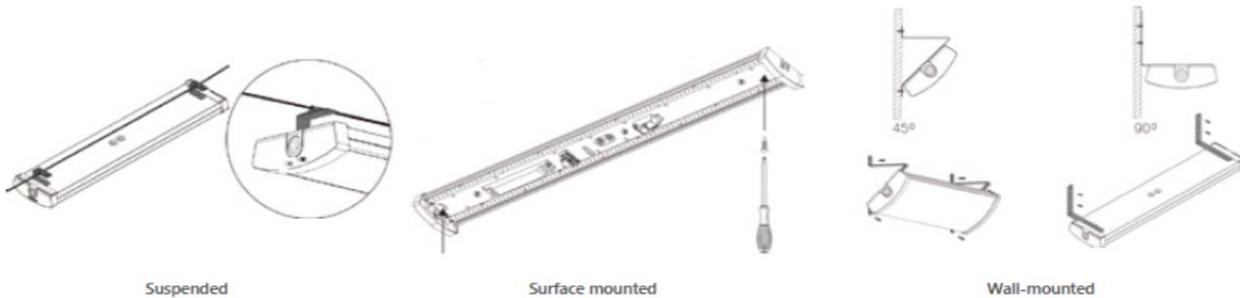


Standard version UGR<19 version

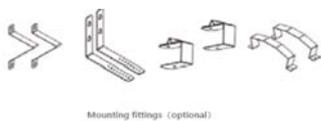
Product Details



Product Details-Mounting options



Product Details-Mounting accessories



Mounting fittings (optional)

