

SIMPLITZ® Batten V4 Datasheet



SIMPLITZ® Batten V4 is an integrated design of LED batten solution replacing conventional batten of T5, T8 tube. SIMPLITZ® Batten V4 is designed with a robust, efficient, simple and safe integrated design, widely used in shopping centers, hypermarkets, workshops and other public lighting areas.

Benefits

- Simple shape with stable quality
- Compact and sleek integral design
- Easy installation
- Direct replacement of previous generation

Outstanding light performance

- Without flicker
- Up to 130 lm/W
- 50,000 of lumen maintenance - L70@25°C

Whole range for all applications

- Size 585mm/1170mm
- Power 16W/33W
- CCT 4000K/5700K/6500K
- Surface and suspended mounting

Applications

- Hypermarket, retail store
- Storage, warehouse
- Workshop
- Public areas

SIMPLITZ® Batten V4

Technical Data

Optical Specifications

	585mm	1170mm	1170mm
	16W	16W	33W
Luminous Flux	@4000K 2100lm	2100lm	4300lm
Efficacy	@4000K 130 lm/W		
CCT	4000K, 5700K, 6500K		
CRI	>80		
SDCM	<5		
Beam Angle	110°		

Electrical and Mechanical Specifications

	585mm	1170mm	1170mm
Input Voltage	220-240V AC 50/60Hz		
Power Consumption	16W	16W	33W
Power Factor	>0.9		>0.95
Surge protection	Line to line 1KV		
Dimensions (L x W x H)	585mm x 43mm x 52mm	1170mm x 43mm x 52mm	1170mm x 43mm x 52mm
Weight (kg)	0.41	0.70	0.73
Cover Lens	PC		
Housing	Aluminum		

System Specifications

Power	220-240V AC 50/60Hz
Control	ON/OFF
Mounting	Surface and suspended mounting
Operating Temperature	-30°C to +50°C
Storage Temperature	-40°C to +80°C
Environment	Indoor (IP20)
Lumen Maintenance	L70@25°C - 50,000 hrs
Safety Approval	Electrical Protection Class I, CB, CCC,

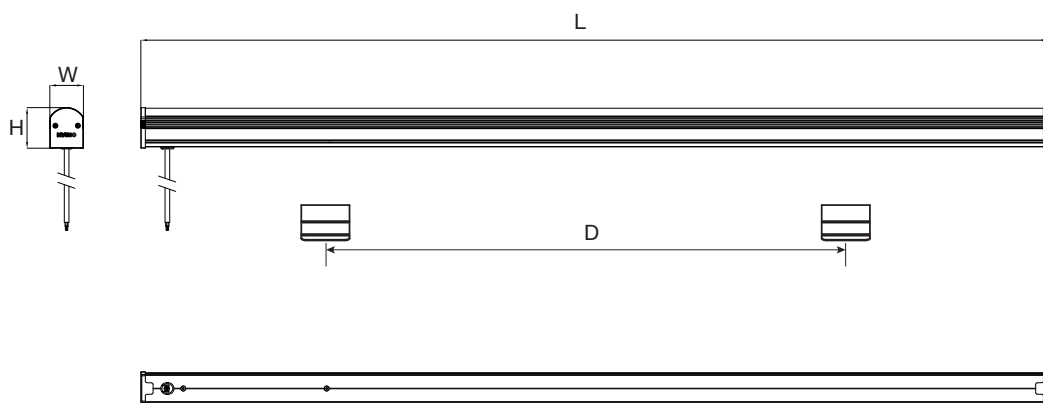
Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

SIMPLITZ® Batten V4

Dimensions



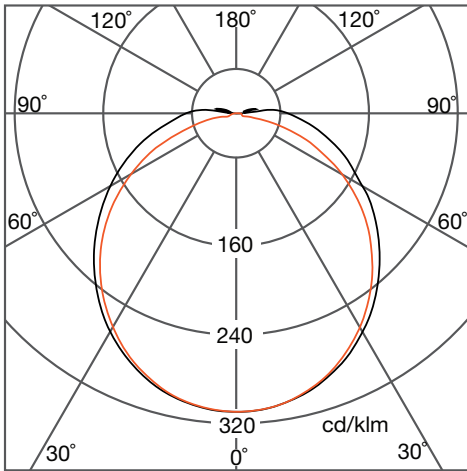
Dimensions

	16W, 585mm	16W, 1170mm	33W, 1170mm
L	585mm	1170mm	1195mm
W	43mm	43mm	43mm
H	52mm	52mm	52mm
D	400mm-500mm	700mm-800mm	700mm-800mm

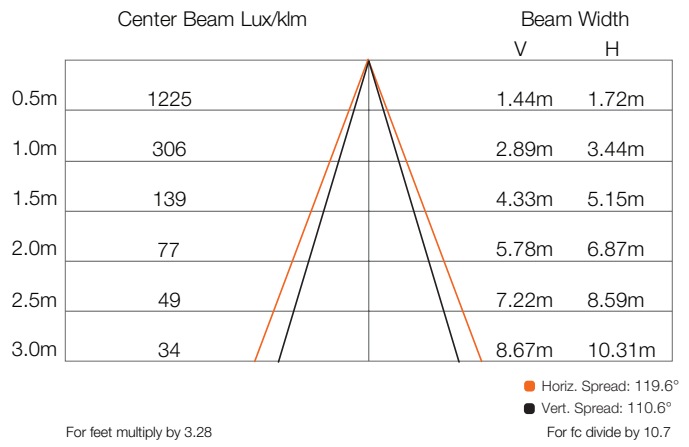
SIMPLITZ® Batten V4

Photometrics

Light Distribution Curve



Illuminance at a distance



Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

SIMPLITZ® Batten V4

Ordering Codes

Fixture

Short Text	Power	Size	CCT	IC	EAN40
SIM BTN V4 16W 840 L600 SL VS40 OSRAM	16W	585mm	4000K	AM465630055	4062172307178
SIM BTN V4 16W 857 L600 SL VS40 OSRAM	16W	585mm	5700K	AM465640055	4062172307192
SIM BTN V4 16W 865 L600 SL VS40 OSRAM	16W	585mm	6500K	AM465650055	4062172307215
SIM BTN V4 16W 840 L1200 SL VS20 OSRAM	16W	1170mm	4000K	AM465660055	4062172307239
SIM BTN V4 16W 857 L1200 SL VS20 OSRAM	16W	1170mm	5700K	AM465670055	4062172307253
SIM BTN V4 16W 865 L1200 SL VS20 OSRAM	16W	1170mm	6500K	AM465680055	4062172307277
SIM BTN V4 33W 840 L1200 SL VS20 OSRAM	33W	1170mm	4000K	AM465690055	4062172307291
SIM BTN V4 33W 857 L1200 SL VS20 OSRAM	33W	1170mm	5700K	AM465700055	4062172307314
SIM BTN V4 33W 865 L1200 SL VS20 OSRAM	33W	1170mm	6500K	AM465710055	4062172307338