



SIMPLITZ® Batten V4 HE

Datasheet



IP40

SIMPLITZ® batten V4 HE is an integrated design of LED batten solution replacing conventional batten of T5, T8 tube. SIMPLITZ® batten V4 HE 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

Outstanding light performance

- Up to 165 lm/W
- Without flicker, Low glare
- IP40, IK08
- 50,000hrs lumen maintenance - L70@25°C

Whole range for all applications

- Size 585mm, 1170mm, 1470mm
- Power range is from 16W to 60W
- CCT 4000K, 5700K, 6500K
- Control ON&OFF, 0-10V DIM, DALI
- Surface and suspended mounting

Applications

- Hypermarkets, retail store
- Storage, warehouses
- Workshops
- Public buildings

SIMPLITZ® Batten V4 HE

Technical Data

Optical Specifications

		L600	L1200	L1500		L1200	L1500	
		16W	16W	33W	50W	60W	28W	42W
Luminous Flux	@ 4000K	2240lm	2240lm	4620lm	7000lm	8400lm	4620lm	6930lm
Efficacy	@ 4000K	140lm/w	140lm/w	140lm/w	140lm/w	140lm/w	165lm/w	165lm/w
CCT		4000K, 5700K, 6500K						
CRI		>80						
SDCM		<4						
UGR		<27						
Beam Angle		120°						

Electrical and Mechanical Specifications

Input Voltage		220-240V AC 50/60Hz						
Power Consumption		16W	16W	33W	50W	60W	28W	42W
Power Factor		≥0.95						
Surge protection		L-N 1KV, L/N-Ground 2KV						
Dimension (L × W × H)	Length	585mm	1170mm	1170mm	1470mm	1470mm	1170mm	1470mm
	Width	43mm	43mm	43mm	43mm	43mm	43mm	43mm
	Height	52mm	52mm	52mm	52mm	52mm	52mm	52mm
Weight		0.36kg	0.65kg	0.65kg	0.72kg	0.72kg	0.65kg	0.72kg
Housing		PC						

System Specifications

Power	220-240V AC 50/60Hz
Control	ON/OFF, 0-10V DIM, DALI
Mounting Type	Surface, Suspended
Operating Temperature	-30°C to +40°C
Storage Temperature	-30°C to +80°C
Environment	Indoor (IP40, IK08)
Lumen Maintenance	L70@25°C - 50,000hrs
Safety Approval	Electrical Protection Class I, CCC, RoHS,

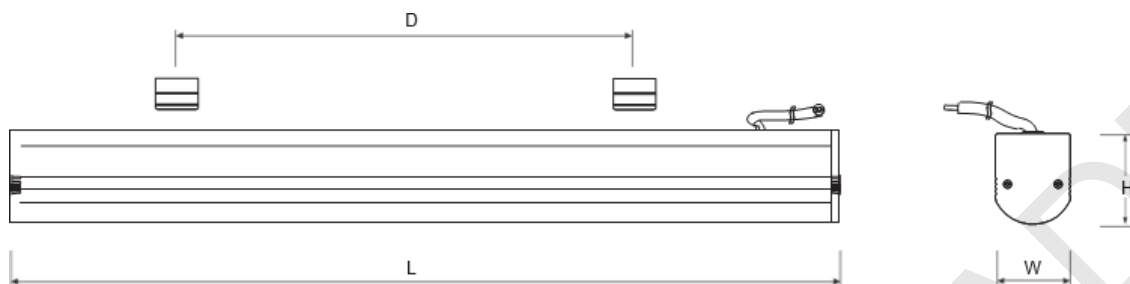
Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

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 HE

Dimension (Unit: mm)

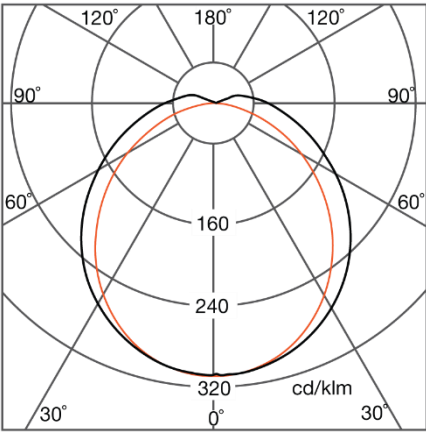


	L600	L1200	L1200	L1500	L1500	L1200	L1500
	16W	16W	33W	50W	60W	28W	42W
L	585mm	1170mm	1170mm	1470mm	1470mm	1170mm	1470mm
W	43mm	43mm	43mm	43mm	43mm	43mm	43mm
H	52mm	52mm	52mm	52mm	52mm	52mm	52mm
D	400mm- 500mm	700mm- 800mm	700mm- 800mm	800mm- 1000mm	800mm- 1000mm	700mm- 800mm	800mm- 1000mm

SIMPLITZ® Batten V4 HE

Photometrics

Light Distribution Curve



Illuminance at Distance

	Center Beam Lux/klm	Beam Width	
		V	H
0.5m	1272	1.73m	1.26m
1.0m	318	3.46m	2.52m
1.5m	141	5.20m	3.79m
2.0m	79	6.93m	5.05m
2.5m	51	8.66m	6.31m
3.0m	35	10.39m	7.57m

For feet multiply by 3.28

● Horiz. Spread: 103.2°
● Vert. Spread: 120.0°
For fc divide by 10.7

SIMPLITZ® Batten V4 HE

Ordering Codes

Fixture (ON/OFF Version)

Short Text	Power (W)	Size	CCT	Beam angle	IC
SIM BTN V4 HE 16W 840 L600 VS12 OSRAM	16W	L600	4000K	120°	GL23100140355
SIM BTN V4 HE 16W 857 L600 VS12 OSRAM	16W	L600	5700K	120°	GL23100140455
SIM BTN V4 HE 16W 865 L600 VS12 OSRAM	16W	L600	6500K	120°	GL23100140555
SIM BTN V4 HE 16W 840 L1200 VS12 OSRAM	16W	L1200	4000K	120°	GL23100140655
SIM BTN V4 HE 16W 857 L1200 VS12 OSRAM	16W	L1200	5700K	120°	GL23100140755
SIM BTN V4 HE 16W 865 L1200 VS12 OSRAM	16W	L1200	6500K	120°	GL23100140855
SIM BTN V4 HE 33W 840 L1200 VS12 OSRAM	33W	L1200	4000K	120°	GL23100140955
SIM BTN V4 HE 33W 857 L1200 VS12 OSRAM	33W	L1200	5700K	120°	GL23100141055
SIM BTN V4 HE 33W 865 L1200 VS12 OSRAM	33W	L1200	6500K	120°	GL23100141155
SIM BTN V4 HE 50W 840 L1500 VS12 OSRAM	50W	L1500	4000K	120°	GL23100141255
SIM BTN V4 HE 50W 857 L1500 VS12 OSRAM	50W	L1500	5700K	120°	GL23100141355
SIM BTN V4 HE 50W 865 L1500 VS12 OSRAM	50W	L1500	6500K	120°	GL23100141455
SIM BTN V4 HE 60W 840 L1500 VS12 OSRAM	60W	L1500	4000K	120°	GL23100141555
SIM BTN V4 HE 60W 857 L1500 VS12 OSRAM	60W	L1500	5700K	120°	GL23100141655
SIM BTN V4 HE 60W 865 L1500 VS12 OSRAM	60W	L1500	6500K	120°	GL23100141755
SIM BTN V4 HE PRO 28W 840 L1200 VS12 OSRAM	28W	L1200	4000K	120°	GL23100141855
SIM BTN V4 HE PRO 28W 857 L1200 VS12 OSRAM	28W	L1200	5700K	120°	GL23100141955
SIM BTN V4 HE PRO 28W 865 L1200 VS12 OSRAM	28W	L1200	6500K	120°	GL23100142055
SIM BTN V4 HE PRO 42W 840 L1500 VS12 OSRAM	42W	L1500	4000K	120°	GL23100142155
SIM BTN V4 HE PRO 42W 857 L1500 VS12 OSRAM	42W	L1500	5700K	120°	GL23100142255
SIM BTN V4 HE PRO 42W 865 L1500 VS12 OSRAM	42W	L1500	6500K	120°	GL23100142355

SIMPLITZ® Batten V4 HE

Ordering Codes

Fixture (0-10V Version)

Short Text	Power (W)	Size	CCT	Beam angle	IC
SIM BTN V4 HE 16W 840 L600 DIM VS12 OSRAM	16W	L600	4000K	120°	GL23100142455
SIM BTN V4 HE 16W 857 L600 DIM VS12 OSRAM	16W	L600	5700K	120°	GL23100142555
SIM BTN V4 HE 16W 865 L600 DIM VS12 OSRAM	16W	L600	6500K	120°	GL23100142655
SIM BTN V4 HE 16W 840 L1200 DIM VS12 OSRAM	16W	L1200	4000K	120°	GL23100142755
SIM BTN V4 HE 16W 857 L1200 DIM VS12 OSRAM	16W	L1200	5700K	120°	GL23100142855
SIM BTN V4 HE 16W 865 L1200 DIM VS12 OSRAM	16W	L1200	6500K	120°	GL23100142955
SIM BTN V4 HE 33W 840 L1200 DIM VS12 OSRAM	33W	L1200	4000K	120°	GL23100143055
SIM BTN V4 HE 33W 857 L1200 DIM VS12 OSRAM	33W	L1200	5700K	120°	GL23100143155
SIM BTN V4 HE 33W 865 L1200 DIM VS12 OSRAM	33W	L1200	6500K	120°	GL23100143255
SIM BTN V4 HE 50W 840 L1500 DIM VS12 OSRAM	50W	L1500	4000K	120°	GL23100143355
SIM BTN V4 HE 50W 857 L1500 DIM VS12 OSRAM	50W	L1500	5700K	120°	GL23100143455
SIM BTN V4 HE 50W 865 L1500 DIM VS12 OSRAM	50W	L1500	6500K	120°	GL23100143555
SIM BTN V4 HE 60W 840 L1500 DIM VS12 OSRAM	60W	L1500	4000K	120°	GL23100143655
SIM BTN V4 HE 60W 857 L1500 DIM VS12 OSRAM	60W	L1500	5700K	120°	GL23100143755
SIM BTN V4 HE 60W 865 L1500 DIM VS12 OSRAM	60W	L1500	6500K	120°	GL23100143855
SIM BTN V4 HE PRO 28W 840 L1200 DIM VS12 OSRAM	28W	L1200	4000K	120°	GL23100143955
SIM BTN V4 HE PRO 28W 857 L1200 DIM VS12 OSRAM	28W	L1200	5700K	120°	GL23100144055
SIM BTN V4 HE PRO 28W 865 L1200 DIM VS12 OSRAM	28W	L1200	6500K	120°	GL23100144155
SIM BTN V4 HE PRO 42W 840 L1500 DIM VS12 OSRAM	42W	L1500	4000K	120°	GL23100144255
SIM BTN V4 HE PRO 42W 857 L1500 DIM VS12 OSRAM	42W	L1500	5700K	120°	GL23100144355
SIM BTN V4 HE PRO 42W 865 L1500 DIM VS12 OSRAM	42W	L1500	6500K	120°	GL23100144455

SIMPLITZ® Batten V4 HE

Ordering Codes

Fixture (DALI Version)

Short Text	Power (W)	Size	CCT	Beam angle	IC
SIM BTN V4 HE 16W 840 L600 DA VS12 OSRAM	16W	L600	4000K	120°	GL23100144555
SIM BTN V4 HE 16W 857 L600 DA VS12 OSRAM	16W	L600	5700K	120°	GL23100144655
SIM BTN V4 HE 16W 865 L600 DA VS12 OSRAM	16W	L600	6500K	120°	GL23100144755
SIM BTN V4 HE 16W 840 L1200 DA VS12 OSRAM	16W	L1200	4000K	120°	GL23100144855
SIM BTN V4 HE 16W 857 L1200 DA VS12 OSRAM	16W	L1200	5700K	120°	GL23100144955
SIM BTN V4 HE 16W 865 L1200 DA VS12 OSRAM	16W	L1200	6500K	120°	GL23100145055
SIM BTN V4 HE 33W 840 L1200 DA VS12 OSRAM	33W	L1200	4000K	120°	GL23100145155
SIM BTN V4 HE 33W 857 L1200 DA VS12 OSRAM	33W	L1200	5700K	120°	GL23100145255
SIM BTN V4 HE 33W 865 L1200 DA VS12 OSRAM	33W	L1200	6500K	120°	GL23100145355
SIM BTN V4 HE 50W 840 L1500 DA VS12 OSRAM	50W	L1500	4000K	120°	GL23100145455
SIM BTN V4 HE 50W 857 L1500 DA VS12 OSRAM	50W	L1500	5700K	120°	GL23100145555
SIM BTN V4 HE 50W 865 L1500 DA VS12 OSRAM	50W	L1500	6500K	120°	GL23100145655
SIM BTN V4 HE 60W 840 L1500 DA VS12 OSRAM	60W	L1500	4000K	120°	GL23100145755
SIM BTN V4 HE 60W 857 L1500 DA VS12 OSRAM	60W	L1500	5700K	120°	GL23100145855
SIM BTN V4 HE 60W 865 L1500 DA VS12 OSRAM	60W	L1500	6500K	120°	GL23100145955
SIM BTN V4 HE PRO 28W 840 L1200 DA VS12 OSRAM	28W	L1200	4000K	120°	GL23100146055
SIM BTN V4 HE PRO 28W 857 L1200 DA VS12 OSRAM	28W	L1200	5700K	120°	GL23100146155
SIM BTN V4 HE PRO 28W 865 L1200 DA VS12 OSRAM	28W	L1200	6500K	120°	GL23100146255
SIM BTN V4 HE PRO 42W 840 L1500 DA VS12 OSRAM	42W	L1500	4000K	120°	GL23100146355
SIM BTN V4 HE PRO 42W 857 L1500 DA VS12 OSRAM	42W	L1500	5700K	120°	GL23100146455
SIM BTN V4 HE PRO 42W 865 L1500 DA VS12 OSRAM	42W	L1500	6500K	120°	GL23100146555

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