

Simplitz® Batten V3 Datasheet



Simplitz® Batten V3 was born in 2014 and this V3 is the most updated version of this attractive family. Still compact and lightweight design, but more reliable and higher efficient. Years evolution makes it the perfect solution for retail store, workshop, and other public area.

Benefits

Simplicity

- Compact and lightweight design
- Easy installation
- Direct replacement of previous generation

Efficiency

- Up to 130 lm/W, more than 60% energy saving

Reliability

- 50K hours lifespan
- Robust Aluminum housing with good thermal management

Flexibility

- 585mm/1170mm
- 16W/33W
- Surfaced mounted and suspended

Applications

- Hypermarket, retail store
- Storage, warehouse
- Workshop
- Shopping malls

Simplitz® Batten V3

Technical Data

Optical Specifications

	2100 lm, 585mm	2100 lm, 1170mm	4300 lm, 1170mm
Luminous Flux	2100 lm	2100 lm	4300 lm
Efficacy	130 lm/W		
CCT	4000K, 6500K		
CRI	80		
SDCM	<4		
Beam Angle	110°		

Electrical and Mechanical Specifications

	2100 lm, 585mm	2100 lm, 1170mm	4300 lm, 1170mm
Input Voltage	220-240V AC 50/60Hz		
Power Consumption	16W	16W	33W
Power Factor	0.9		
Surge protection	1.5KV L-N		
Dimensions (mm)	585mm × 43mm × 52mm	1170mm × 43mm × 52mm	1170mm × 43mm × 52mm
Weight (kg)	0.41	0.72	0.72
Cover Lens	PC diffuser		
Luminaire Body	Aluminum Body		

System Specifications

Power	AC line
Control	ON/OFF only
Mounting	Surface mounting/Suspended mounting
Operating Temperature	-25°C to +40°C
Storage Temperature	-40°C to +80°C
Environment	IP20
Lumen Maintenance	L70@25°C-50,000hrs
Safety Approval	Electrical Protection Class I, CB, CCC, TISI

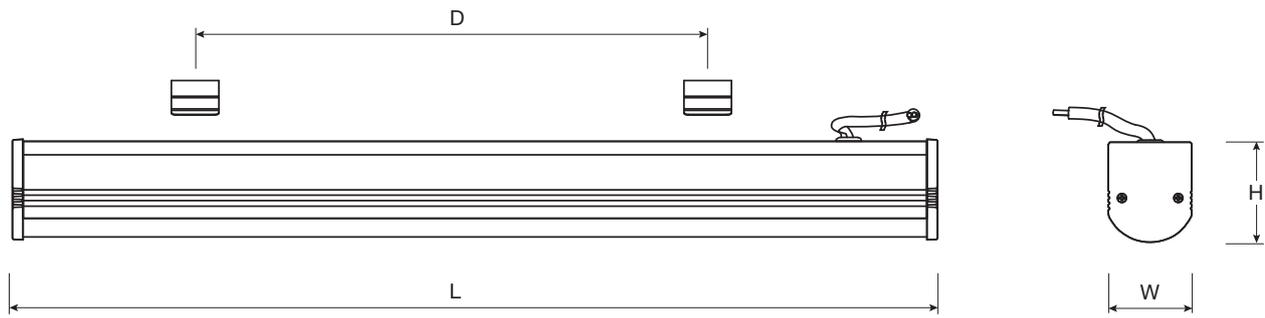
Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

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 V3

Dimensions



Dimensions

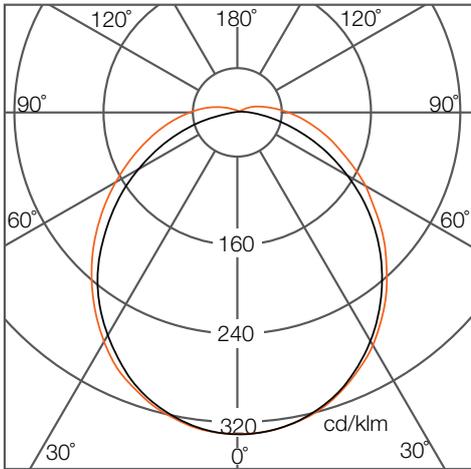
	2100 lm, 585mm	2100 lm, 1170mm	4300 lm, 1170mm
L	585mm	1170mm	1170mm
W	43mm	43mm	43mm
H	52mm	52mm	52mm
D	400mm-500mm	700mm-800mm	700mm-800mm

Simplitz® Batten V3

Photometrics

Light Distribution Curve

16W, 600mm

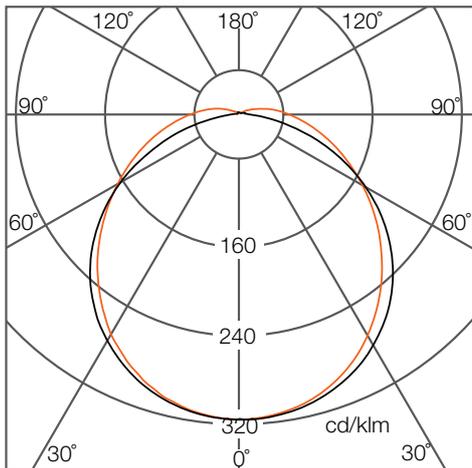


Illuminance at a distance

	Center Beam Lux/klm	Beam Width	
		V	H
0.5m	1332	1.46m	1.27m
1.0m	333	2.92m	2.54m
1.5m	148	4.38m	3.81m
2.0m	83	5.84m	5.08m
2.5m	53	7.30m	6.35m
3.0m	37	8.76m	7.62m

● Horiz. Spread: 103.6°
 ● Vert. Spread: 111.2°
 For feet multiply by 3.28
 For fc divide by 10.7

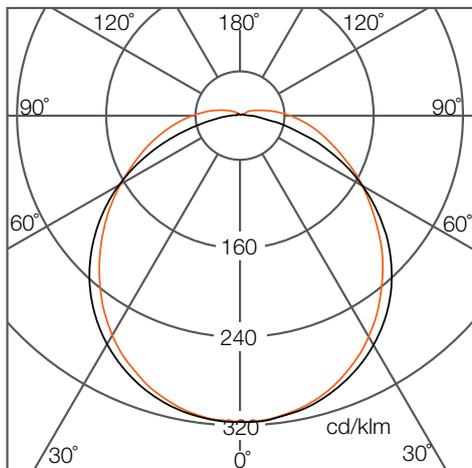
16W, 1200mm



	Center Beam Lux/klm	Beam Width	
		V	H
0.5m	1250	1.52m	1.56m
1.0m	313	3.04m	3.12m
1.5m	139	4.57m	4.67m
2.0m	78	6.09m	6.23m
2.5m	50	7.61m	7.79m
3.0m	35	9.13m	9.35m

● Horiz. Spread: 114.6°
 ● Vert. Spread: 113.4°
 For feet multiply by 3.28
 For fc divide by 10.7

33W, 1200mm



	Center Beam Lux/klm	Beam Width	
		V	H
0.5m	1261	1.49m	1.54m
1.0m	315	2.98m	3.08m
1.5m	140	4.46m	4.62m
2.0m	79	5.95m	6.16m
2.5m	50	7.44m	7.70m
3.0m	35	8.93m	9.24m

● Horiz. Spread: 114.0°
 ● Vert. Spread: 112.2°
 For feet multiply by 3.28
 For fc divide by 10.7

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 V3

Ordering Codes

Fixture

Short Text	Power	CCT	Material	EAN10	EAN40
SIM BTN 16W 840 L600 SL V3 20X1 OSRAM	16W	4000K	AM275970055	4062172049771	4062172048088
SIM BTN 16W 865 L600 SL V3 20X1 OSRAM	16W	6500K	AM275980055	4062172049788	4062172048095
SIM BTN 16W 840 L1200 SL V3 20X1 OSRAM	16W	4000K	AM275950055	4062172049757	4062172048064
SIM BTN 16W 865 L1200 SL V3 20X1 OSRAM	16W	6500K	AM275960055	4062172049764	4062172048071
SIM BTN 33W 840 L1200 SL V3 20X1 OSRAM	33W	4000K	AM275990055	4062172049795	4062172048040
SIM BTN 33W 865 L1200 SL V3 20X1 OSRAM	33W	6500K	AM275940055	4062172049740	4062172048057