

GB6566 Series LED Batten Light



LM80

3/5 Yrs
Warranty



SAA

IP20

TUV

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Introduction

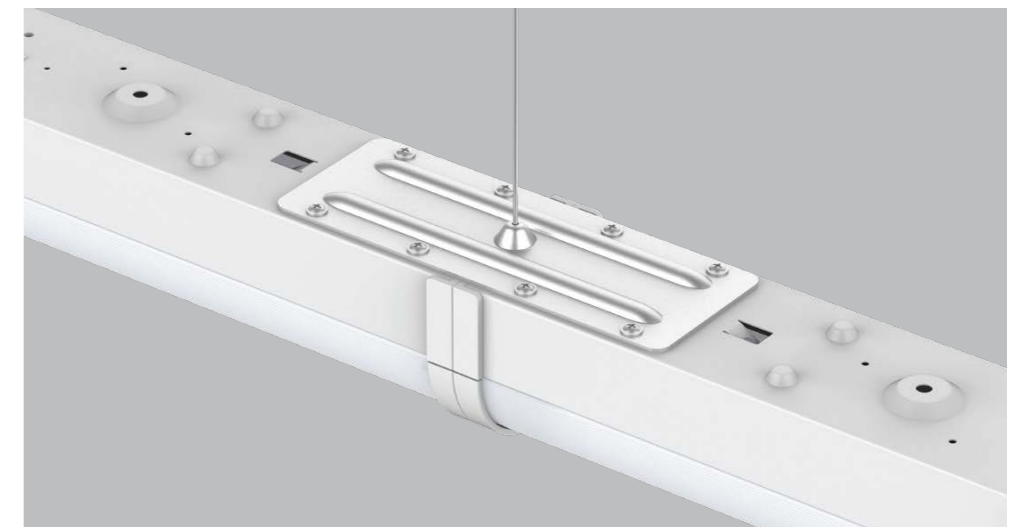
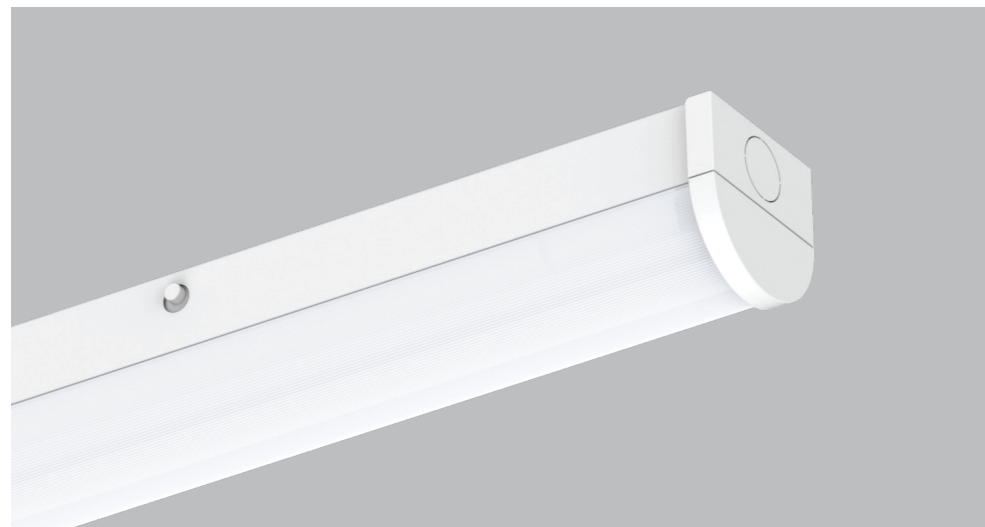
This batten light is designed for easy disassembly, employing four fast-release buttons. It incorporates high-lumen SMD LEDs and a polycarbonate shade that ensures superior light transmittance. The product allows for simple installation and maintenance while providing excellent cost performance, with available sizes of 600mm, 1200mm, 1500mm, and 1800mm. It also offers various features, such as interchangeable CCT, a splicing design, 1-10V dimming, and DALI dimming options.

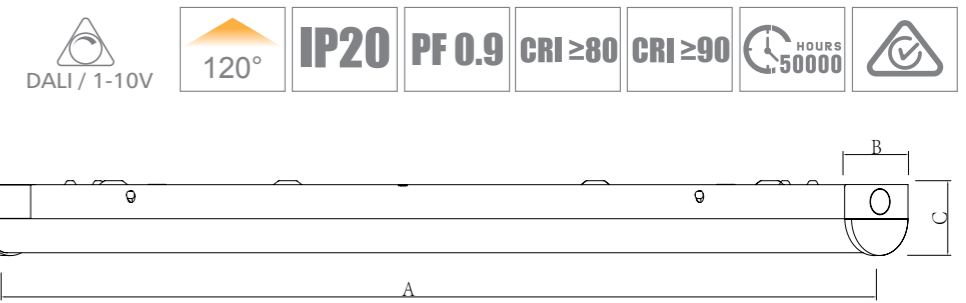
Features

- Loop in/out and fast connector design for easier wire connection.
- 4 fast buttons in bracket for fast disassemble.
- High lumen efficiency, 120lm/w.
- Interchangeable CCT(3000/4000/5700K) with slide switch.
- Installation: Surface mounted, suspended, splicing available.
- Dimming: 1-10V, DALI.

Application Areas

It is widely used in workshop, warehouse, parking lot, factories, shopping mall etc.





Measurement

Model	Dimension(mm)			Size(mm)
	A	B	C	
GB6566A-600-17W / GB6566B-600-17W	603	65	66	603*65*66
GB6566A-1200-22W / GB6566B-1200-22W / GB6566A-1200-38W / GB6566B-1200-38W	1203	65	66	1203*65*66
GB6566A-1500-35W / GB6566B-1500-35W / GB6566A-1500-58W / GB6566B-1500-58W	1503	65	66	1503*65*66
GB6566A-1800-55W / GB6566B-1800-55W / GB6566A-1800-70W / GB6566B-1800-70W	1803	65	66	1803*65*66

Technical Data Sheet (Type A)

Code No.	GB6566A-600-17W	GB6566A-1200-22W	GB6566A-1200-38W	GB6566A-1500-35W	GB6566A-1500-58W	GB6566A-1800-55W	GB6566A-1800-70W		
Dimension(mm)	603*65*66		1203*65*66		1503*65*66		1803*65*66		
Cutout (mm)	-								
Watt(W)	17W	22W	38W	35W	58W	55W	70W		
Rated Input Voltage(V)	AC 220-240V								
Input Voltage(V)	AC 220-240V								
LED Module Input	-								
Light Source	SMD 2835								
SDCM	<6								
CCT(K)	1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K								
CCT Selection DIP Switch	YES								
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	1850-2200	2400-2900	4100-5000	3800-4600	6300-7600	5950-7200	7600-9000
			-	2400-2800	4100-4800	3650-4400	6000-7300	5700-6950	7300-8850
	Non-DIM	3-CCT	1850-2200	2400-2900	4100-5000	3800-4600	6300-7600	5950-7200	7600-9000
			-	2400-2800	4100-4800	3650-4400	6000-7300	5700-6950	7300-8850
CRI	80 / 90								
Beam Angle (°)	120°								
UGR	-								
LED Driver	Built-in								
Dimming Option	-	1-10V/DALI							
Sensor	-								
Emergency Kits	NO	-							
Electrical Class	Class I								
Ingress Protection (IP Rating)	IP20								
Impact Resistance (IK Rating)	IK08								
Product Finishing(Base)	White RAL 9016								
Materials of Optics	PC								
Materials of Housing	PC/SPCC								
Lifetime (hr)	50,000h								
Glow wire test (°C)	750°C								
Operating Temp. (°C)	-20°C ~40°C								
Storage Temp. (°C)	-20°C ~65°C								
Installation	Surface mount/ Pendant								

Technical Data Sheet (Type B)

Code No.	GB6566B-600-17W	GB6566B-1200-22W	GB6566B-1200-38W	GB6566B-1500-35W	GB6566B-1500-58W	GB6566B-1800-55W	GB6566B-1800-70W		
Dimension(mm)	603*65*66		1203*65*66		1503*65*66		1803*65*66		
Cutout (mm)	-								
Watt(W)	17W	22W	38W	35W	58W	55W	70W		
Rated Input Voltage(V)	AC220-240V								
Input Voltage(V)	AC220-240V								
LED Module Input	-								
Light Source	SMD 2835								
SDCM	<6								
CCT(K)	1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K								
CCT Selection DIP Switch	YES								
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	1850-2200	2400-2900	4100-5000	3800-4600	6300-7600	5950-7200	7600-9000
			-	2400-2800	4100-4800	3650-4400	6000-7300	5700-6950	7300-8850
	Non-DIM	3-CCT	1850-2200	2400-2900	4100-5000	3800-4600	6300-7600	5950-7200	7600-9000
			-	2400-2800	4100-4800	3650-4400	6000-7300	5700-6950	7300-8850
CRI	80								
Beam Angle (°)	120°								
UGR	-								
LED Driver	Built-in								
Dimming Option	-	1-10V/DALI							
Sensor	-								
Emergency Kits	NO	-							
Electrical Class	Class I								
Ingress Protection (IP Rating)	IP20								
Impact Resistance (IK Rating)	IK08								
Product Finishing(Base)	White RAL 9016								
Materials of Optics	PC								
Materials of Housing	PC/SPCC								
Lifetime (hr)	50,000h								
Glow wire test (°C)	750°C								
Operating Temp. (°C)	-20°C ~40°C								
Storage Temp. (°C)	-20°C ~65°C								
Installation	Surface mount/ Pendant								

Driver Datasheet (Non-dimmable)

Total load wattage		17W	22W	38W	35W	58W	55W	70W	
Output	Output Voltage range	DC 30-40V				DC 100-150V	DC 100-150V	DC 110-160V	
	Rated output current	450mA	550mA	950mA	900mA	400mA	400mA	500mA	
	Line Regulation	±5%							
	Setup, Rise Time	≤0.5S @230V							
	Flickering Index	0.8%(NO RISK)		0.5%(NZO RISK)		0.4%(NO RISK)			
Input	Input Voltage	AC200-264V							
	Rated Input Voltage(V)	AC220-240V				AC200-240V			
	Frequency	50/60Hz							
	Input Current	≤0.11A	≤0.13A	≤0.22A	≤0.2A	0.36 A	0.32 A	0.40 A	
	Rated Input Current	≤0.1A	≤0.12A	≤0.2A	≤0.19A	0.29 A	0.26 A	0.32A	
	Power Factor	≥0.9							
	THD	<20% @230V							
	Efficiency	≥88%		≥90%		≥90%			
	No load wattage	<0.5W@230Vac							
	Protection	Short circuit protection	Pass						
Over voltage protection		Pass							
Over temperature protection		Pass							
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S							
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω							
	Surge	IEC/EN61000-4-5(P<25W L-N:500V, L/N-PE:1KV);		IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE:2KV)					
	EMC Emission	EN55015, EN61000-3-2							
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547							

Driver Datasheet (DALI Dimmable)

Total load wattage		22W	38W	35W	58W	55W	70W
Output	Output Voltage range	DC 3-42V					
	Rated output current	550mA	950mA	900mA	1500mA	1450mA	1800mA
	Line Regulation	±5%					
	Setup, Rise Time	<0.5s @ 230Vac					
	Flickering Index	1%					
Input	Input Voltage	AC 180-264V					
	Rated Input Voltage(V)	AC 200-240V					
	Frequency	50/60Hz					
	Input Current	0.14 A	0.24 A	0.22 A	0.36 A	0.34 A	0.44 A
	Rated Input Current	0.13 A	0.22 A	0.2 A	0.33 A	0.31 A	0.39 A
	Power Factor	0.9					
	THD	<20% @230V					
	Efficiency	86%	88%		89%		
	No load wattage	<0.5W@230Vac					
	Protection	Short circuit protection	Pass				
Over voltage protection		Pass					
Over temperature protection		Pass					
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S; I/P-FG:1.6KVac, <5mA 60S; O/P-FG:0.5KVac, <5mA 60S					
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω					
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV); IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE:2KV)					
	EMC Emission	EN55015, EN61000-3-2					
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					

Driver Datasheet (1-10V Dimmable)

Total load wattage		22W	38W	35W	58W	55W	70W
Output	Output Voltage range	DC 3-42V					
	Rated output current	550mA	950mA	900mA	1500mA	1450mA	1800mA
	Line Regulation	±5%					
	Setup, Rise Time	≤0.5S @230V					
	Flickering Index	1%					
Input	Input Voltage	AC 180-264V					
	Rated Input Voltage(V)	AC 200-240V					
	Frequency	50/60Hz					
	Input Current	0.14 A	0.24 A	0.22 A	0.36A	0.34 A	0.44 A
	Rated Input Current	0.13 A	0.22 A	0.2 A	0.33 A	0.31 A	0.39 A
	Power Factor	0.9					
	THD	<20% @230V					
	Efficiency	86%	88%		89%		
	No load wattage	<0.5W@230Vac					
	Protection	Short circuit protection	Pass				
Over voltage protection		Pass					
Over temperature protection		Pass					
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S; I/P-FG:1.6KVac, <5mA 60S; O/P-FG:0.5KVac, <5mA 60S					
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω					
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV); IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE:2KV)					
	EMC Emission	EN55015, EN61000-3-2					
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					