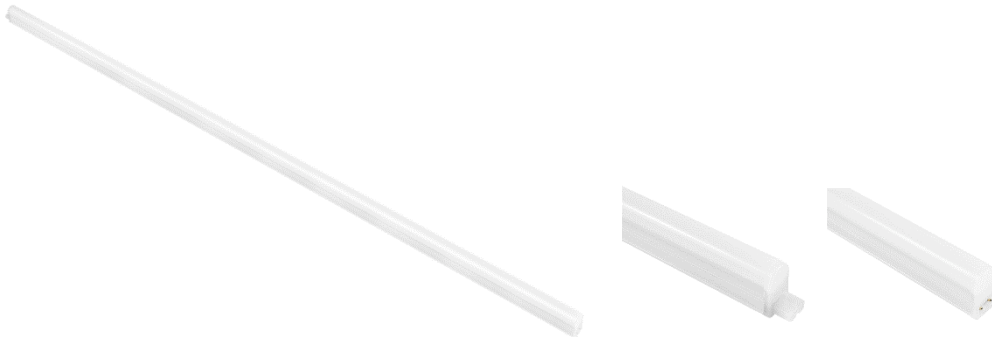


LED COMFO® Batten G3

Datasheet



LED COMFO® Batten G3 is the latest batten for T5 traditional batten replacement. It has good performance and competitive price that can bring quick payback in less than 1 year. This product family adopts double injection technology to combine the optical cover and the robust housing into one slim and glossy linear luminaire which delivers high uniformity light output and comfortable lighting experience.

Benefits

Efficient T5 Traditional Batten Replacement

- 30,000hrs lifetime
- 50% energy saving compared to T5 batten
- Power factor > 0.9

Consistent Light

- Seamless connection with no dark spot
- Evenly distributed light, no visible bright spot

Rigidity

- Double injection technology to provide strong, long-lasting housing
- Reinforced terminals ensure reliable connection

Flexibility

- 1ft / 2ft / 3ft / 4ft
- 4W / 7W / 10W / 14W
- Multiple accessories

Applications

- Cove lightings
- Indoor contour lightings
- Under shelf lightings
- Light boxes
- Back lights

LED COMFO® Batten G3

Technical Data

Optical Specifications

		1ft	2ft	3ft	4ft
Luminous Flux	2700K	300 lm	530 lm	750 lm	1060 lm
	3000K	320 lm	560 lm	790 lm	1120 lm
	4000K	335 lm	590 lm	840 lm	1180 lm
	6500K	350 lm	600 lm	860 lm	1200 lm
Efficacy	2700K	75 lm/W	76 lm/W	75 lm/W	75 lm/W
	3000K	80 lm/W	80 lm/W	79 lm/W	80 lm/W
	4000K	84 lm/W	85 lm/W	84 lm/W	85 lm/W
	6500K	88 lm/W	86 lm/W	86 lm/W	86 lm/W
CCT		2700K, 3000K, 4000K, 6500K			
CRI		80			
SDCM		≤5			
Beam Angle		130°			

Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz			
Power Consumption	4W	7W	10W	14W
Power factor	0.9			
Surge Protection	APAC Version	Line-to-line 1KV		
	India Version	Line-to-line 2.5KV		
Total Harmonic Distortion	<22%			
Dimensions	306mm × 21mm × 34mm	546mm × 21mm × 34mm	846mm × 21mm × 34mm	1146mm × 21mm × 34mm
Weight	68g	110g	158g	200g
Cover Lens	PC			
Housing	PC			

System Specifications

Power	AC line			
Installation	Surface mounted			
Max. Inteconnection	35pcs	19pcs	16pcs	12pcs
Operating Temperature	-25°C to +35°C			
Storage Temperature	-30°C to +80°C			
Environment	Indoor (IP20)			
Lumen Maintenance	L70 @25°C - 30,000hrs			
Safety Approval	Electrical Protection Class II, CB, CCC, CE, TISI, Deity, Photo-biological safety			

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.

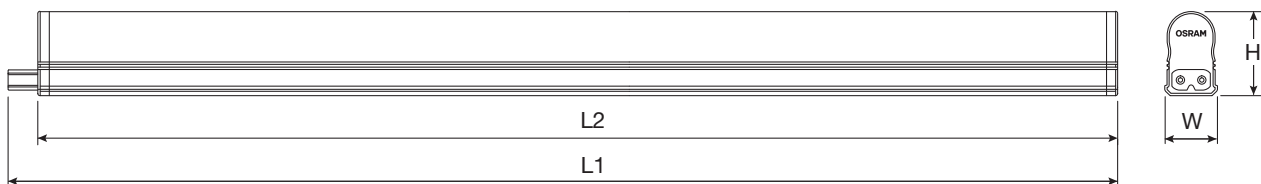
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LED COMFO® Batten G3

Dimensions

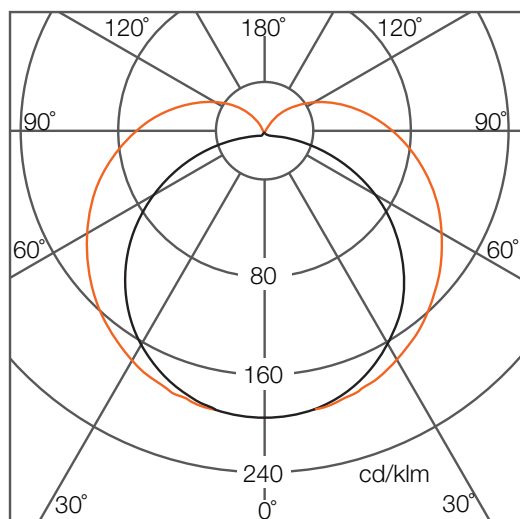


Dimensions

	1ft	2ft	3ft	4ft
L1	306mm	546mm	846mm	1146mm
L2	295mm	535mm	835mm	1135mm
W	21mm			
H	34mm			

Photometrics

Light Distribution Curve (2700K, 3000K, 4000K, 6500K)



Illuminance at a distance (2700K, 3000K, 4000K, 6500K)

	Center Beam Lux/klm	Beam Width	
		V	H
0.5m	822	1.64m	19.74m
1m	206	3.28m	39.48m
1.5m	91	4.91m	59.22m
2m	51	6.55m	78.96m
2.5m	33	8.19m	13.30m
3m	23	9.83m	118.44m

- Vert. Spread: 117.2°
- Horiz. Spread: 174.2°

For feet multiply by 3.28

For fc divide by 10.7

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LEDCOMFO® Batten G3

Ordering Codes

APAC Version (Exclude India)

Short Text	Dimension	Power	CCT	Material	EAN10	EAN40
LEDCOMFO BAT G3 0304 827 32X1 OSRAM	1ft	4W	2700K	AB437000055	4052899395251	4052899395268
LEDCOMFO BAT G3 0304 830 32X1 OSRAM	1ft	4W	3000K	AB436990055	4052899395275	4052899395282
LEDCOMFO BAT G3 0304 840 32X1 OSRAM	1ft	4W	4000K	AB437030055	4052899395398	4052899395404
LEDCOMFO BAT G3 0304 865 32X1 OSRAM	1ft	4W	6500K	AB437040055	4052899395657	4052899395664
LEDCOMFO BAT G3 0607 827 32X1 OSRAM	2ft	7W	2700K	AB437010055	4052899395824	4052899395831
LEDCOMFO BAT G3 0607 830 32X1 OSRAM	2ft	7W	3000K	AB437020055	4052899395961	4052899395978
LEDCOMFO BAT G3 0607 840 32X1 OSRAM	2ft	7W	4000K	AB437200055	4052899395985	4052899395992
LEDCOMFO BAT G3 0607 865 32X1 OSRAM	2ft	7W	6500K	AB437210055	4052899396005	4052899396012
LEDCOMFO BAT G3 0910 827 32X1 OSRAM	3ft	10W	2700K	AB437190055	4052899396029	4052899396036
LEDCOMFO BAT G3 0910 830 32X1 OSRAM	3ft	10W	3000K	AB437220055	4052899396043	4052899396050
LEDCOMFO BAT G3 0910 840 32X1 OSRAM	3ft	10W	4000K	AB437230055	4052899396067	4052899396074
LEDCOMFO BAT G3 0910 865 32X1 OSRAM	3ft	10W	6500K	AB437070055	4052899396111	4052899396128
LEDCOMFO BAT G3 1214 827 32X1 OSRAM	4ft	14W	2700K	AB437120055	4052899396197	4052899396203
LEDCOMFO BAT G3 1214 830 32X1 OSRAM	4ft	14W	3000K	AB437130055	4052899396210	4052899396227
LEDCOMFO BAT G3 1214 840 32X1 OSRAM	4ft	14W	4000K	AB437080055	4052899396234	4052899396241
LEDCOMFO BAT G3 1214 865 32X1 OSRAM	4ft	14W	6500K	AB437100055	4052899396258	4052899396265

India Version

Short Text	Dimension	Power	CCT	Material	EAN10	EAN40
LEDCOMFO BAT G3 0304 827 32X1 IN OSRAM	1ft	4W	2700K	AB437110055	4052899394933	4052899394940
LEDCOMFO BAT G3 0304 830 32X1 IN OSRAM	1ft	4W	3000K	AB437140055	4052899394957	4052899394964
LEDCOMFO BAT G3 0304 840 32X1 IN OSRAM	1ft	4W	4000K	AB437240055	4052899394971	4052899394988
LEDCOMFO BAT G3 0304 865 32X1 IN OSRAM	1ft	4W	6500K	AB437150055	4052899394995	4052899395008
LEDCOMFO BAT G3 0607 827 32X1 IN OSRAM	2ft	7W	2700K	AB437250055	4052899395015	4052899395022
LEDCOMFO BAT G3 0607 830 32X1 IN OSRAM	2ft	7W	3000K	AB437260055	4052899395039	4052899395046
LEDCOMFO BAT G3 0607 840 32X1 IN OSRAM	2ft	7W	4000K	AB437160055	4052899395053	4052899395060
LEDCOMFO BAT G3 0607 865 32X1 IN OSRAM	2ft	7W	6500K	AB437170055	4052899395077	4052899395084
LEDCOMFO BAT G3 0910 827 32X1 IN OSRAM	3ft	10W	2700K	AB437180055	4052899395091	4052899395107
LEDCOMFO BAT G3 0910 830 32X1 IN OSRAM	3ft	10W	3000K	AB437050055	4052899395114	4052899395121
LEDCOMFO BAT G3 0910 840 32X1 IN OSRAM	3ft	10W	4000K	AB437060055	4052899395138	4052899395145
LEDCOMFO BAT G3 0910 865 32X1 IN OSRAM	3ft	10W	6500K	AB437270055	4052899395152	4052899395169
LEDCOMFO BAT G3 1214 827 32X1 IN OSRAM	4ft	14W	2700K	AB437310055	4052899395176	4052899395183
LEDCOMFO BAT G3 1214 830 32X1 IN OSRAM	4ft	14W	3000K	AB437280055	4052899395190	4052899395206
LEDCOMFO BAT G3 1214 840 32X1 IN OSRAM	4ft	14W	4000K	AB437300055	4052899395213	4052899395220
LEDCOMFO BAT G3 1214 865 32X1 IN OSRAM	4ft	14W	6500K	AB437290055	4052899395237	4052899395244

Accessories

Short Text	Material	EAN20	EAN10	EAN40
LDCMF BAT G3 INTER CABLE 25CM 20X1 OSRAM	AB456610055	4052899414167	4052899414150	4052899414174
LDCMF BAT G3 P-IN CABLE 25CM 20X1 OSRAM	AB456590055	4052899414198	4052899414181	4052899414204
LDCMF BAT G3 P-IN CABLE 40CM 20X1 OSRAM	AB456580055	4052899414228	4052899414211	4052899414235
LDCMF BAT G3 P-IN CABLE 55CM 20X1 OSRAM	AB456600055	4052899414259	4052899414242	4052899414266
LDCMF BAT G3 P-IN CABLE 77CM 20X1 OSRAM	AB456620055	4052899414280	4052899414273	4052899414297
LDCMF BAT G3 END CAP 20X1 OSRAM	AB456750055	4052899414310	4052899414303	4052899414327

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