

Burst



The Burst is a Ø188mm large area downlight aimed at low glare environments (UGR <19). The downlight only requires 80mm of ceiling void making it ideal for installations where space is tight. The Burst can achieve a lumen package of up to 1,724lm with a longevity of at least 60,000 hours.

The heatsink is made from die-cast aluminium which houses the LED module. The bezel of the downlight is machined from aluminium ensuring a constant high quality finish with no surface blemishes. The product is then retained in the ceiling. The bezel then twist locks on underneath the ceiling plane with no visible fixings.

Product

Burst	BUR/
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Lumen Output

1313lm	/1313
1724lm	/1724

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K

Beam Angle

36° Beam	/36
60° Beam	/60
80° Beam	/80

Standard Colours*

White	RAL9016
White	RAL9010
Black	RAL9005
*Other colours available upon special request	

Mounting

Recessed mounted as default	
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Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi	-CA

Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Lighting Data

Lumen Output	Wattage	lm/cW
1313lm	15.6W	84.2
1724lm	20.8W	82.3

CCT	3000K 4000K
Light Source	COB
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<19

Technical Data

IP Rating	IP44
Construction	Diecast Aluminium
RAL colour (standard)	9016 9010
Mounting Method	Recessed
Protective class	SELV
Impact Resistance (IK)	IK07
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

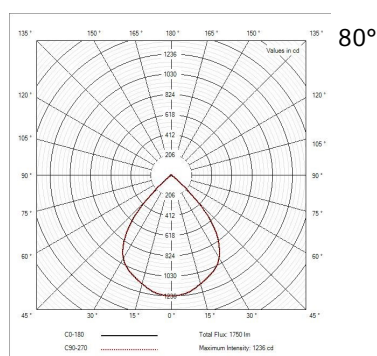
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<5%
Overvoltage Protection	320 V
In-rush Current	14 A
THD	<10%
Power Factor	0.95
Parasitic Load	1.0 W
Operating Temperature	-25 +60 °C

Emergency Data

EOF	Lumen Output
17%	235lm
14%	235lm

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	CE, ROHS

Standard Photometry



Dimensions

Fixing Centres	Ø160mm
Dimensions	Ø188x 80mm
Weight	2.7 kg

