

B320 LED bulkhead lighting

B320 was developed for replacement of traditional bulkhead suitable for staircase, ramp, void deck and common corridor lighting applications. The sturdy and extrinsic structures are uniquely providing appropriate features for various indoor and outdoor lighting requirements.

It is designed in accordance with IEC 60598-1:2008 as normal ceiling lights that compliances with IES LM 79-08 and LM80-08 requirements. The self-contained emergency escape models are fitted with LED conversion kit which compliances with IEC 62384 and IEC 61378 standard specification.



General Characteristic

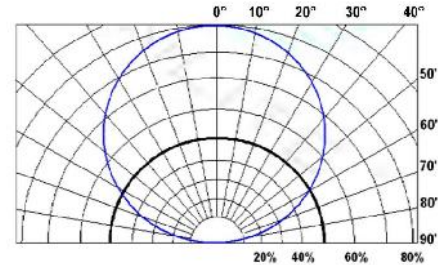
Construction	Die-cast aluminium framework fitted with optical grade polycarbonate cover
Installation	Surface-mounted to concrete ceiling
Thermal management	integrated with housing as a unit
Rated life span	40000 hours (LM80-08 compliant)
Ingress protection	IP65
Industrial standard	IEC 62384 / IES 60598
Certification	CE, RoHS
Operation temp	-20°C ~+40°C
Operation humidity	10% ~99%RH

Light Characteristic

Light source	SMD2835 LED
Color rendering index	Ra ≥75
Color temperature	2700~3200K (K3) 4000~4200K (K4) 5500~6000K (K5)
Luminous efficiency	85%
Beam angle	115°
Peak light intensity	714cd

Electrical Characteristic

AC input range	90~265VAC, 47~63Hz
Operating temp	-40°C ~ 60°C
Power factor	PF ≥0.90
Safety standard	EN60950-1, EN61347-1-13 61347-1-13
Power conversion pack (B320E series)	IEC 61347:2006; IEC 31347-2-13:2006; IEC 62384/A1:2009
	TUV/PSB Certificate ref: 022885
	2 hours rated duration or longer (with additional battery pack)



Typical Spectral Distribution



B3230C
Circular Style



B3230S
Square Style



B3220E
Ellipse Style



B3230G
Square Grid Style



B3230H
Semi-Circular Style



B3228V
Verticle Ellipse Style

General Product Specification

Model Number		Power (W)		Size OA (mm)	Luminous Efficacy
Standard	E-Pack	Rated	System		
B3230C-200W20S	B3230C-200W20E	20.0	22.2	∅270 X 80	1400~1800
B3230C-300W30S	B3230C-300W30E	30.0	33.3	∅300 X 80	2100~2700
B3230S-200W20S	B3230S-200W20E	20.0	22.2	300 x 300 x 90	1400~1800
B3230S-300W30S	B3230S-300W30E	30.0	33.3	300 x 300 x 90	2100~2700
B3220E-040W10S	B3220E-040W20E	10.0	11.1	280 x 180 x 83	720~800
B3220E-050W20S	B3220E-060W30E	20.0	22.2	280 x 180 x 83	1520~1600
B3230G-200W20S	B3230G-200W20E	20.0	22.2	300 x 300 x 90	1400~1800
B3230G-300W30S	B3230G-300W30E	30.0	33.3	300 x 300 x 90	2100~2700
B3230H-040W20S	B3230H-040W20E	20.0	22.2	∅300 X 80	1520~1600
B3228V-040W20S	B3228V-040W20E	20.0	22.2	280 x 180 x 83	1520~1600



B320 bulkhead being adopted as a guideway lighting for vehicle rampway