



## B3230H wall-mounted LED bulkhead

B3230H 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 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 wall
Thermal management	Integrated with housing as a unit
Rated life span	50000 hours (L <sub>70</sub> , IEC LM80-08 compliant)
Ingress protection	IP65 rating compliant
Industrial standard	IEC 62384 / IES 60598 compliant
Operation temperature	-20°C ~+40°C
Humidity	10% ~99% RH

### Light Characteristic

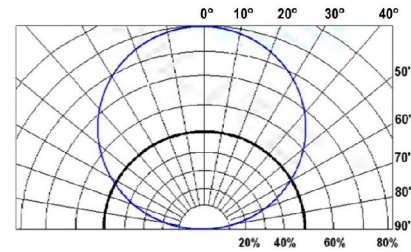
Light source	SMD2835 LED
Luminous efficacy	≥100 lumen per watt
Color rendering index	R <sub>a</sub> ≥75
Color temperature	2700~3200K (K3) 4000~4200K (K4) 5500~6000K (K6)
Luminous efficiency	85%
Beam angle	120°
Peak light intensity	714cd

### Electrical Characteristic

AC input power	90~265VAC, 47~63Hz
Operation temperature	-40°C ~ 60°C
Power factor	PF≥0.90
Safety standard	EN60950-1, EN61347-1-13 61347-1-1

### Power conversation kit (emergency)

Industrial standard	IEC 61347:2006; IEC 31347-2-13:2006; IEC 62384/A1:2009
Certification	TUV/PSB Certificate ref: 022885
Rated duration	2/3 hours (optional) after power failure
Illumination (emergency)	CP19 compliant



Typical Spectral Distribution

### Product Specification

Model Number		Power (W)		Size OA (mm)	Luminous Efficacy
Standard	E-Pack	Rated	System		
B3230H-040W20S	B3230H-040W20E	20.0	22.2	∅300 x 80	1520~1600
B3230R-060W30S	B3230H-060W30E	30.0	33.3	∅300 x 80	2280~2400

