

LED Integrated Bulkhead G2 DSS



LED IP65 IK10 CLASS II

Product information

Tungsramp bulkhead range offer an excellent choice with simple and elegant design. It is a wall and ceiling LED luminaire that can be used in versatile application areas including damp environments, entrance halls, receptions, stairwells, corridors, circulation routes, rest areas and outside walls of buildings.

Features

- Power: from 17W to 28W
- Control: Static control
- Finish: Opal diffuser
- Efficiency: up to 120lm/W
- Luminous flux: up to 3000lm
- CCT: 3000K, 4000K & 6500K
- Lifetime: 60.000 hours @ L80/B10**
- 5 years Warranty
- IP65
- IK10
- Flicker free Driver
- Easy installation with preset screws
- Class II isolation class
- High quality Samsung chips

Benefits

- Energy savings of up to 60% (compared to luminaires that use 2D fluorescent lamps)
- Integrated light module with optic
- Uniform light
- Fast, simple and easy installation options

Structures and materials

Body / Diffuser / Bezel: impact resistant polycarbonate
Body color: white

Optical and LED specification

- Min 80 CRI
- No-flickering integrated driver
- Opal diffuser

Application areas



Office



Public buildings



Corridors and staircases

Specification summary

Parameters below are the same for all luminaires in the range:

Light Technology used	LED
Light source	Replaceable light source
Mains / Non-mains	Mains
Directional / Non-directional	Non-directional
Colour-tuneable	No
Anti-glare shield	No
Dimmable	No
Input Voltage & Frequency	220-240V(AC), 50/60Hz
Colour rendering index (CRI) (Ra) min	80
R9 colour rendering index value	0

Colour consistency in McAdam ellipses	≤6
Displacement factor	0,9
Beam angle (±10° tolerance)	120°
Flicker metric	<1
Stroboscopic effect metric	<0,4
Standby power	0
Ingress protection	IP65
Lifetime L80B10	60000h
Survival factor at 3000h	1

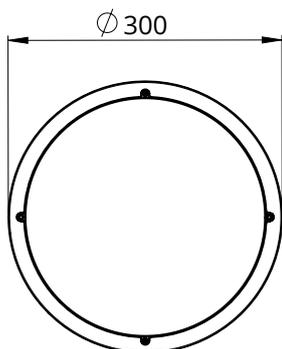
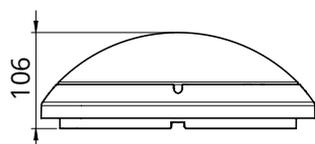
Parameters below are specific for each of the product codes:

Product code	Description	ELECTRICAL DATA				PHOTOMETRICAL DATA				DIMENSIONS & WEIGHTS		
		Luminaire power (W)	Power Factor	Luminaire input current (mA)	Total lumen (lm)	Useful lumen* (360°) (lm)	Emergency lumen (lm)	Correlated color temperature (CCT) (K)	Luminaire Efficiency (lm/W)	Dimensions (DxH) (mm)	Weight (kg)	
STATIC RANGE												
93119878	LED Bulkhead G2 TU D30 17W 830 S NNN DSS	17	>0.95	77	2040	2040	-	3000	120	Dia 300x106	0,7	
93119879	LED Bulkhead G2 TU D30 17W 840 S NNN DSS	17	>0.95	77	2040	2040	-	4000	120	Dia 300x106	0,7	
93119880	LED Bulkhead G2 TU D30 17W 865 S NNN DSS	17	>0.95	77	2040	2040	-	6500	120	Dia 300x106	0,7	
93119881	LED Bulkhead G2 TU D30 25W 830 S NNN DSS	25	>0.95	114	3000	3000	-	3000	120	Dia 300x106	0,7	
93119882	LED Bulkhead G2 TU D30 25W 840 S NNN DSS	25	>0.95	114	3000	3000	-	4000	120	Dia 300x106	0,7	
93119883	LED Bulkhead G2 TU D30 25W 865 S NNN DSS	25	>0.95	114	3000	3000	-	6500	120	Dia 300x106	0,7	
EMERGENCY RANGE												
93119884	LED Bulkhead G2 TU D30 20W 830 S EMN DSS	20	>0.8	102	2040	2040	120	3000	102	Dia 300x106	0,9	
93119885	LED Bulkhead G2 TU D30 20W 840 S EMN DSS	20	>0.8	102	2040	2040	120	4000	102	Dia 300x106	0,9	
93119886	LED Bulkhead G2 TU D30 20W 865 S EMN DSS	20	>0.8	102	2040	2040	120	6500	102	Dia 300x106	0,9	
93119887	LED Bulkhead G2 TU D30 28W 830 S EMN DSS	28	>0.9	135	2750	2750	120	3000	98	Dia 300x106	0,9	
93119888	LED Bulkhead G2 TU D30 28W 840 S EMN DSS	28	>0.9	135	2940	2940	120	4000	105	Dia 300x106	0,9	
93119889	LED Bulkhead G2 TU D30 28W 865 S EMN DSS	28	>0.9	135	2940	2940	120	6500	105	Dia 300x106	0,9	

Included within the box are required dowels and screws for installation.



Dimensions (mm)



Regulatory and standards

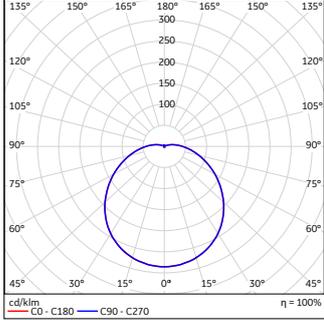
Regulations: SASO 2902

Standard: IEC 60598

*Per SASO 2902, useful luminous flux means the part of the total luminous flux of a product falling within the beam angle used for calculating the product's energy efficiency.

**Per SASO 2902, for LED product, L70B50 lifetime means the operating time between the start of their use and the moment when only 50% of the total number of lamps survive or when the average lumen maintenance of the batch falls below 70%, whichever occurs first. Additional life metric is L80B20, the length of time during which 20 % (B20) of a population of operating LED product of the same type have flux degraded to less than 80 % of their initial luminous flux.

Photometric data



Ø300 25W

Only for indicative purpose. For lighting design, please use the ldt photometry files available for the products.

Order logic

Internal Code	Gen.	Brand	Diameter	System Wattage	CRI	CCT	Control	Emergency option	Motion Sensor	Shipment
LED Bulkhead	G2 - Generation 2	TU - Tungsram	D30 - 300mm	17W 20W 25W 28W	8 - 80	30 - 3000K 40 - 4000K 65 - 6500K	S - Static	EM - Integrated Emergency NN - No Emergency	N - No Sensor	DSS - Direct Shipment Saudi