

LED Integrated Bulkhead



DATA SHEET



Product information

A simple and elegant light fitting, designed with Integrated LED Light Module and dedicated optic, both for interior and exterior applications. The Integrated Bulkhead range offers a comprehensive choice of versions including two sizes, opal diffuser and optional sensor function. It is a wall and ceiling LED luminaire that can be utilised in versatile application ranges including damp environments, entrance halls, receptions, stairwells, corridors, circulation routes, rest areas and outside walls of buildings.

Features

- High protection rating (IP65) and high impact resistance (IK10) make integrated LED bulkhead the ideal solution in challenging ambient conditions
- 3 colour temperatures: 3000, 4000 and 6500K
- Wide beam angle of 125 degree
- 50 000 hours lifetime (L70B50)
- Available in 2 size: 250mm and 300mm
- Suitable for operation in ambient temperature of -30°C to +40°C
- Future-proof, upgradeable design
- Static built-in driver
- High efficiency up to 95 lm/W
- PF >0,9
- THD < 30%
- Operating frequency: 50-60Hz
- Nominal Voltage: 220-240V
- Insulation Class II
- Available with integrated motion and daylight sensor, sensor is adjustable for hold time (5s – 15mins), detection area (10 - 100%) and daylight sensing (disable – 50lux) – see details on adjustment option in the install guide
- Option to group fixtures for on/off control – see details in the install guide

Benefits

- Energy savings of up to 40% (compared to luminaires that use 2D fluorescent lamps)
- Integrated light module with optic
- Uniform light
- Fast, simple and easy installation options
- Lasts ~4x longer than typical CFL bulkhead fixture

Structures and materials

Body / Diffuser / Bezel: impact resistant, self-extinguishing, UV stabilized polycarbonate
Body color: white

Optical and LED specification

- L70B50 50,000 hours
- Min 80 CRI
- No-flickering integrated driver
- Opal diffuser options

Application areas



General lighting



Retail



Office



Education



Outdoor

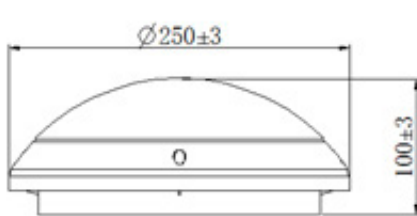
Specification summary

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	CRI	Current (mA)	Dimension (mm)	Replacement for CFL 2D	Weight (kg)	Additional feature
93072705	BHTD25-09307S-NNN	9	855	95	3000	> 80	42	Ø250 x 102		0,69	
93073527	BHTD25-09407S-NNN	9	855	95	4000	> 80	42	Ø250 x 102	1x16W	0,69	
93073529	BHTD25-09657S-NNN	9	855	95	6500	> 80	42	Ø250 x 102		0,69	
93073531	BHTD25-17307S-NNN	17	1600	94	3000	> 80	84	Ø250 x 102		0,70	
93073533	BHTD25-17407S-NNN	17	1600	94	4000	> 80	84	Ø250 x 102	1x28W	0,70	
93073535	BHTD25-17657S-NNN	17	1600	94	6500	> 80	84	Ø250 x 102		0,70	
93073543	BHTD30-25307S-NNN	25	2400	96	3000	> 80	120	Ø300 x 109		1,00	
93073544	BHTD30-25407S-NNN	25	2400	96	4000	> 80	120	Ø300 x 109	1x38W	1,00	
93073545	BHTD30-25657S-NNN	25	2400	96	6500	> 80	120	Ø300 x 109		1,00	
93073526	BHTD25-09307S-NNM	9	855	95	3000	> 80	42	Ø250 x 102		0,74	
93073528	BHTD25-09407S-NNM	9	855	95	4000	> 80	42	Ø250 x 102	1x16W	0,74	
93073530	BHTD25-09657S-NNM	9	855	95	6500	> 80	42	Ø250 x 102		0,74	
93073532	BHTD25-17307S-NNM	17	1600	94	3000	> 80	94	Ø250 x 102		0,75	motion and daylight sensor
93073534	BHTD25-17407S-NNM	17	1600	94	4000	> 80	94	Ø250 x 102	1x28W	0,75	
93073536	BHTD25-17657S-NNM	17	1600	94	6500	> 80	94	Ø250 x 102		0,75	
93073546	BHTD30-25307S-NNM	25	2400	96	3000	> 80	130	Ø300 x 109		1,05	
93073547	BHTD30-25407S-NNM	25	2400	96	4000	> 80	130	Ø300 x 109	1x38W	1,05	
93073548	BHTD30-25657S-NNM	25	2400	96	6500	> 80	130	Ø300 x 109		1,05	

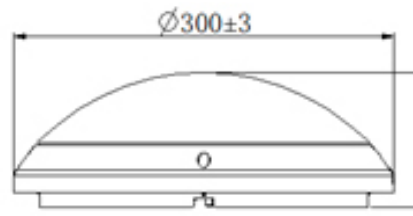
Specifications

Input Voltage [V]	220-240
Input Frequency [Hz]	50/60
Control	Static, built-in driver
Operating Temperature Range	-30°C to +40°C
IP Rating	IP65
IK Rating	IK10
Lumen Maintenance	L70B50 50,000 hours
Power Factor	>0.9

Dimensions (mm)



9-17W



25W

Regulatory and standards

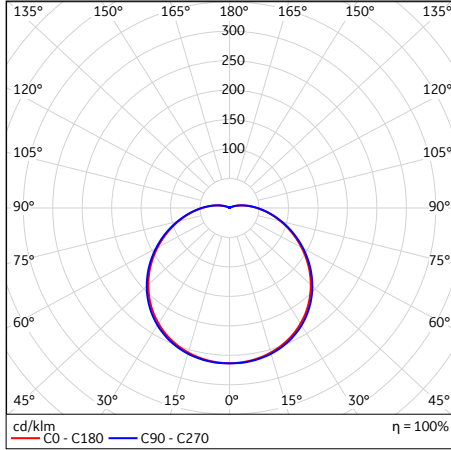
Regulatory mark: CE

Regulations: 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU/1194/2012 amended by EU 2015/1428, (framework 2010/30/EC) 874/2012 and 518/2014*, 2012/19/EU*

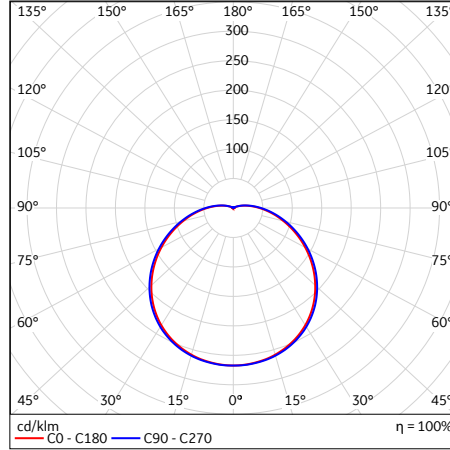
Harmonized standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details

*not on DOC

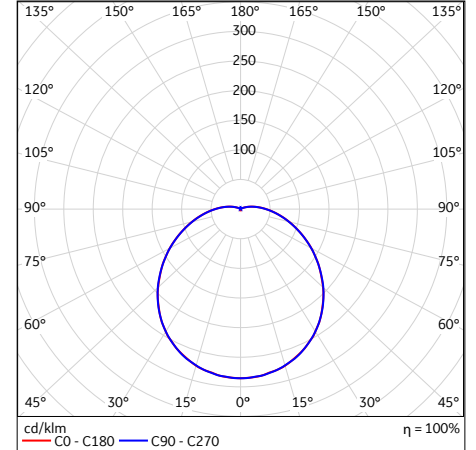
Photometric data



Ø250 9W



Ø250 17W



Ø300 25W

Photometry is based on LM79

Order logic

Internal Code	Diameter	System Wattage	CCT	Voltage	Driver	Emergency option	Motion Sensor
BHT = BulkHead	D30 = 300mm D25 = 250mm	09 = 9W 17 = 17W 25 = 25W	30 = 3000K 40 = 4000K 65 = 6500K	7 = 220-240V	S = Static	NN = No Emergency	M = Motion Sensor N = No Sensor

Example: BHTD25-09307S-NNN