



Easy to install and delivering outstanding optical performance, Lowbay sets new standards in low bay luminaire design. Suitable for a wide variety of industrial and commercial applications, the luminaire has a hinged and detachable geartray to simplify installation, with the body installed first before hooking on the heavier geartray. Attachments are easily added, sliding into guide rails on the body and secured by a captive, rotating end plate. The Lowbay range offers a practical choice to suit your application.

- High performance reflector design - 90% LOR
- Detachable hinged geartray for easy installation
- Comprehensive choice of lamps
- Easy to install slide in attachments
- Supplied with lamp

### Lamp Options

- 150W, 250W, 400W SON T E40 cap 

### Materials

- Body - Heavy gauge steel, powder coated in RAL9016 white finish
- Reflector - Anodised aluminium, hammered finish
- Wire Guard - Zinc plated steel
- Glass - toughened glass sheet
- Bowl - clear UV stabilised polycarbonate
- Transverse Louvre - mild steel powder coated in RAL9016 white finish

### Installation Notes

- Suitable for ceiling, conduit, chain and trunking mounting
- 2 x BESA fixings on 468mm centres
- Body mounted with geartray and reflector detached, minimising weight
- Geartray hooks onto body and hinges through 90° for easy wiring. Locked into position by captive screw
- 3 way, 2 x 2.5mm<sup>2</sup> terminal block
- Reflector rolls/slides into position
- Attachments slide into retaining guide rail and fixed by locking end plate
- Supplied complete with lamps

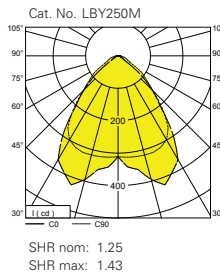
### Options

- Up to 2 attachments can be installed together. Contact us for full details
- Glass panel is compulsory and supplied as standard when metal halide lamp option catalogue numbers are ordered
- Thermal cut-out on ballast as standard (SON/MBI-T versions only)

### Specification

To specify state: Surface mounted low bay luminaire with detachable, hinged geartray for ease of installation, slide in attachments with locking end plate retention, high performance Aluminium hammer finished reflector, as Eaton's Lowbay range, part no. \_\_\_\_\_

### Photometric Data

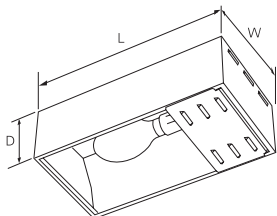
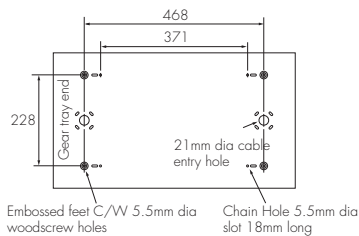


### Utilisation factors / TM5

Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	55	63	68	71	76	79	81	84	85
70	30	20	50	58	63	67	72	76	78	81	83
70	10	20	46	54	60	64	69	73	75	79	81
50	50	20	54	61	66	69	74	76	78	81	82
50	30	20	49	57	62	66	70	74	76	79	80
50	10	20	46	54	59	63	68	71	74	77	79
30	50	20	53	60	64	67	71	74	76	78	79
30	30	20	49	56	61	64	69	72	74	76	78
30	10	20	46	53	58	62	67	70	72	75	76
0	0	0	44	52	56	60	64	67	69	71	73
BZ-class			2	2	2	2	2	2	2	2	2

See page 514 for Design Guide

### Dimensions



L (mm)	W (mm)	D (mm)	BESA fixing centres (mm)
600	318	184	468

Polycarbonate bowl adds 80mm to depth  
Transverse louvre adds 50mm to depth

## Catalogue Numbers

Lamp Rating	Lamp Type	Cat No	Weight (kg)
<b>High pressure sodium lamps</b>			
1 x 150W	SON-T (2000°K)	LB150ST	10.8
1 x 250W	SON-T (2000°K)	LB250ST	12.0
1 x 400W	SON-T (2000°K)	LB400ST	13.2

Attachments	Cat No	Weight (kg)
Polycarbonate bowl (max 250W lamp)	LMXLD	1.4
Wire guard	LMXLG	0.2
Transverse louvre	LMXLL	2.2
Glass panel	LMXLTP	1.5