

Broadspread Maxima PLB &

MOTIVATION

PLB

Modular luminaires that comply with CIBSE LG3 whilst offering a choice parallel or diagonal tile mounting options. Ideally suited to the smaller cellular office or board room.

COMPACT

Modular luminaires that comply with CIBSE LG3 whilst delivering a high lumen output from the highly efficient compact fluorescent light source. Ideally suited to areas with higher than average ceiling heights or where high efficiency lighting is required.

APPLICATION

- Small cellular office spaces
- Corridors
- Feature lighting
- Reception areas
- Conference and board rooms
- Office spaces
- Areas requiring higher lumen outputs
- Retail

SPECIFICATION

PLB & Compact body

- Body compatible with these ceiling types:
 - Exposed Tee 25mm or 15mm
- PLB: Parallel or Diagonal tile mounting
- Body fully boxed, jointed and flanged
- Flanged body reduces light spill
- High frequency or High frequency regulating gear standard
- Rapid fix side support brackets standard (not on PLB)
- Emergency options
- Fused terminal block standard
- Air handling standard (PLB) 20 litres per second
- Air handling on application (Compact)
- Supplied less lamps

Louvre

- LG3 Cat 2 (.200) louvre
- Perimeter flange reduces light spill
- Full depth profile end blades
- Positive retention – wishbone springs
- Louvre material finish: Clearlux specular
- Low iridescence

Options

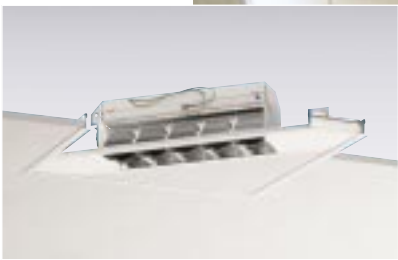
- Easytest – integral self test version available see page 106
- Programmable control options:
 - Command 3
 - LIGHTmaster LM20
 - LIGHTmaster LM120



Compact: BCMT2W2H236



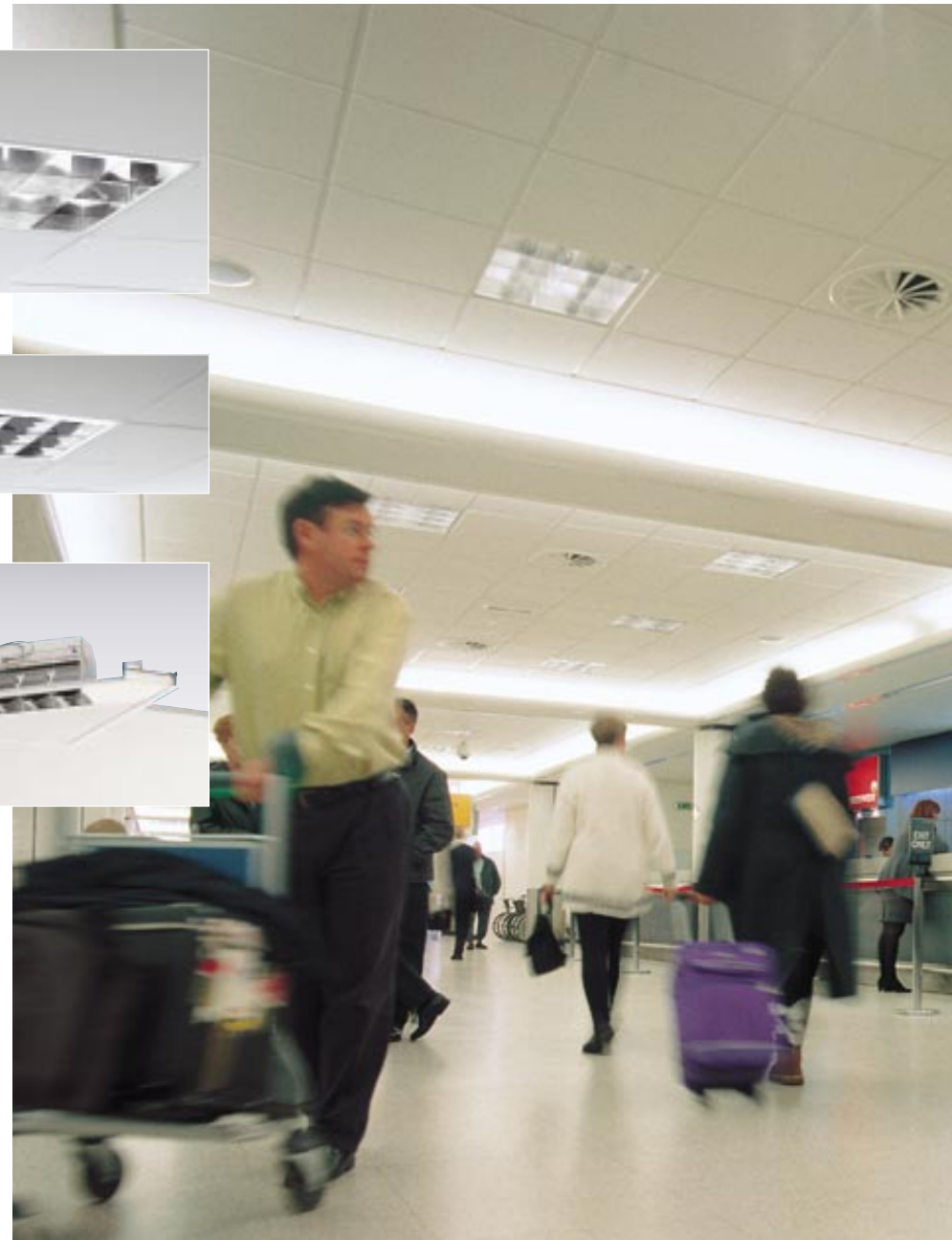
Compact: BCMT2W2H218



PLB: BRPMLT2W2H124

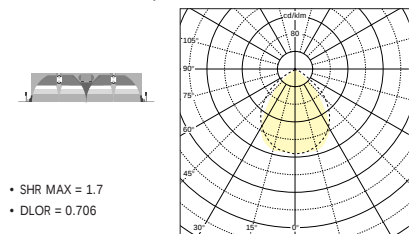


Detail of side support bracket – Compact only



Broadspread Maxima

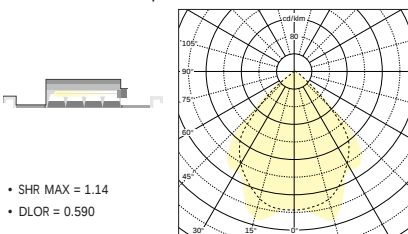
RECESSED COMPACT 600 x 600 SPECULAR LG3 CAT 2
2 x 34W TC-L Lamps



UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance	Room Index	C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.56	0.62	0.65	0.68	0.71	0.73	0.74	0.76	0.77
0.50	0.30	0.20	0.52	0.57	0.61	0.64	0.67	0.69	0.70	0.72	0.73
0.00	0.00	0.00	0.48	0.53	0.57	0.59	0.62	0.63	0.65	0.66	0.67
CONVERSION TERMS											
Lamp wattage		34W	36W	40W	55W						
UF and PC		1.00	0.93	0.95	0.93						

Broadspread Maxima

PLB RECESSED SPECULAR LG3 CAT 2
1 x 36W TC-L Lamp



UTILISATION FACTORS UF(F)		SHR NOM=1.00									
Room Reflectance	Room Index	C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.43	0.50	0.54	0.56	0.60	0.62	0.64	0.66	0.67
0.50	0.30	0.20	0.39	0.45	0.49	0.52	0.56	0.58	0.60	0.62	0.63
0.00	0.00	0.00	0.35	0.41	0.45	0.48	0.51	0.53	0.55	0.56	0.57
CONVERSION TERMS											
Lamp wattage		24W	36W	40W							
UF and PC		0.98	1.00	1.02							



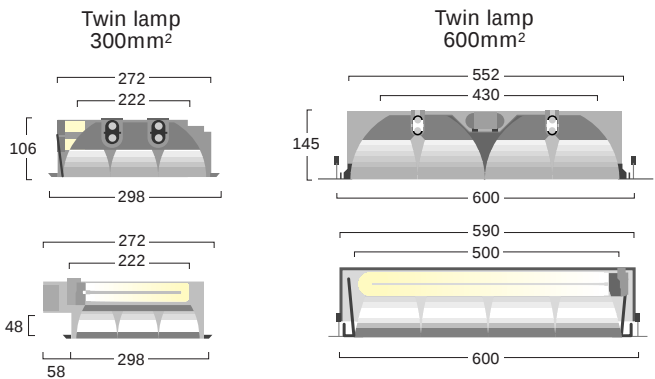
Compact



Edinburgh Airport

WEIGHT	
COMPACT	WEIGHT KG
2 x 18W TC-L	2.1
2 x 34W TC-L	6.3
2 x 36W TC-L	7.1
2 x 40W TC-L	7.1
2 x 55W TC-L	7.1

Broadspread Maxima Compact



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ORDER CODES

COMPACT FLUORESCENT PERFORMANCE RECESSED LUMINAIRE

PLB	SUPPLIED LESS LAMP	LOUVRE	CEILING
BRPMLT2W2H124	1 x 24W TC-L	W2.200 parallel	600 x 600 T25 or T15
BRPMLT2W2H136	1 x 36W TC-L		
BRPMLT2W2H140	1 x 40W TC-L		
BRPMDT2W2H124	1 x 24W TC-L	W2.200 diagonal	600 x 600 T25 or T15
BRPMDT2W2H136	1 x 36W TC-L		
BRPMDT2W2H140	1 x 40W TC-L		

COMPACT

BCMT2W2H218	2 x 18W TC-L	W2.200	600 x 600 T25 or T15
BCMT2W2H234	2 x 34W TC-L		
BCMT2W2H236	2 x 36W TC-L		
BCMT2W2H240	2 x 40W TC-L	W2.200	600 x 600 T25 or T15
BCMT2W2H255	2 x 55W TC-L		

HIGH FREQUENCY REGULATING GEAR Substitute R for H in part code

R High frequency regulating gear i.e. BRPMLT2W2R124

EMERGENCY Add suffix to order codes above

EMIN Integral emergency i.e. BRPMLT2W2H124EMIN

EASYTEST OPTION Add suffix to order codes above

/ET Integral self autotest i.e. BRPMLT2W2H124EMIN/ET

To specify state:

Fully recessed parallel/diagonally tile mounted compact fluorescent LG3 Cat 2 luminaire. Positively retained flat top wedge louvre with full perimeter flange and full depth profiled end caps. Fully boxed and jointed body – as Whitcroft Lighting BROADSPREAD MAXIMA PLB.

To specify state:

Fully recessed compact fluorescent LG3 Cat 2 luminaire. Positively retained flat top wedge louvre with full perimeter flange and full depth profiled end caps Fully boxed and jointed body – as Whitcroft Lighting BROADSPREAD MAXIMA COMPACT.

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DIMENSIONS AND WEIGHT

PLB	A	WEIGHT KG
1 x 24W TC-L	317	2.5
1 x 36W TC-L	413	3.0
1 x 40W TC-L	544	3.0

