

MODUSPEC POLAR

- High quality light polarising panel
- Improved visual acuity
- Good colour rendition
- Simulates high quality natural light
- Eliminates UVA and UVB light transmission
- Efficient, flicker free illumination

Moduspec Polar is an extension to the popular and proven Moduspec range. Fitted with high frequency gear, 6000°K lamps and a specialised panel, the luminaire provides flicker free lighting and good colour rendition. The light polarising panel is constructed from several bonded layers of translucent material, including prisms and a specially formulated polarising material layer. The latter also blocks ultra-violet A and B emissions and controls lamp flare. The result is a very high quality lighting effect, closely simulating that of natural northern daylight and aiding the reduction of eye strain and headaches.

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WHERE TO USE MODUSPEC POLAR

- General office areas
- Boardrooms
- Conference centres
- Craft rooms
- Print and proofing areas
- Reception and circulation areas
- Universities, schools and colleges
- Retail



LAMP OPTIONS

- 18W, 36W T8 fluorescent, triphosphor 6000°K - G13 cap



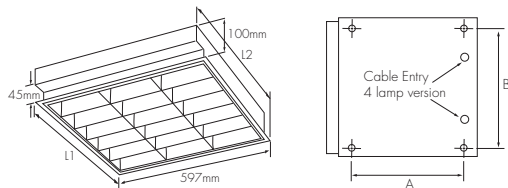
MATERIALS

- Body - welded, full box steel construction, powder coated in RAL 9016 finish
- Panel - TPa fire rated, multi-layered panel with prisms and polarising material. Retained in extruded TPa fire rated PVC in Permawhite finish

INSTALLATION NOTES

- Suitable for exposed "T", concealed fix, Burgess spring "T" and metal pan ceilings
- Order MSBK side support arms for "draw up" applications
- Contact Technical Support for compatibility with other ceilings
- Can be supported by 4 x M8 rods
- 3 way, 2 x 2.5mm² terminal block
- Attachment retained by wishbone springs for secure and optically accurate location. Hangs for hands free re-lamping
- Supplied complete with lamps
- Use only 6000°K T8 fluorescent (group 1B minimum), when replacing failed lamps

DIMENSIONS



Lamp Rating	L1 (mm)	L2 (mm)
3/4 x 18W	597	640
3/4 x 36W	1197	1250

Note - Contact Technical Support for full details of body dimensions above ceiling

CATALOGUE NUMBERS

Lamp Rating	Modular Size (mm)	Gear Option	Body Cat. No.	Weight (kg)	Emergency Body Cat. No.	Weight (kg)
Body - order light polarising panel separately						
3 x 18W	600 x 600	High frequency	MS6318ZT6K	4.76	EBMS6318ZT6K	5.76
4 x 18W	600 x 600	High frequency	MS6418ZT6K	4.61	EBMS6418ZT6K	5.91
3 x 36W	600 x 1200	High frequency	MS6336ZT6K	7.62	EBMS6336ZT6K	8.72
4 x 36W	600 x 1200	High frequency	MS6436ZT6K	7.48	EBMS6436ZT6K	8.88

Lamp Rating	Modular Size (mm)	Cat. No.	Weight (kg)
Light Polarising Panel attachment - order body separately			
3 x 18W	600 x 600	MSPOL618	2.30
4 x 18W	600 x 600	MSPOL618	2.30
3 x 36W	600 x 1200	MSPOL636	4.50
4 x 36W	600 x 1200	MSPOL636	4.50

Emergency versions available with automatic testing functionality - see page 188 for system features
 Contact our Technical Support and Application department for further details, telephone 01302 303350

OPTIONS

- High frequency control gear as standard
- HF regulating versions on request
- Lamps supplied are colour rendering group 1B
- Group 1A lamps to order
- Fully integral emergency conversion, 3 hour duration
- Intellem self test emergency versions available
- Suitable for use on defined escape routes
- Available fitted with pre-wired socket to suit Connect rapid wiring system. Add suffix 'CX' to catalogue number
- See page 98 for details of Connect wiring system

SPECIFICATION

To specify state: Modular recessed luminaire, of full box welded construction with post coat powder paint, RAL 9016 finish, for lay-in and draw up applications, TPa flame retardant light polarising panel for improved visual acuity, in extruded TPa PVC frame retained by wishbone springs, with 6000°K lamps and high frequency control gear, as Crompton Moduspec Polar range, part no. _____

PHOTOMETRIC DATA

