

The comprehensive Moduspec range is flexible and versatile. The wide choice of louvre, flat panel and dished panel attachments, along with its compatibility with many different ceiling types, allows Moduspec to be used in almost any interior application. In office applications, the mirror and satin louvre attachments are designed to meet the most demanding of visual tasks. For more general applications, diffuse yet efficient lighting is achieved via high quality, frame mounted prismatic and opal panels and general purpose louvres. Moduspec is also available with integral lighting controls for optimal energy efficiency and light quality. Integral emergency options complete this ubiquitous range.

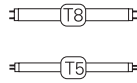
- High quality, versatile range to suit many applications
- Excellent optical performance
- 65°-200 cd/m² and general purpose Xenoptic louvres
- Wide choice of prismatic and opal panels, in attractive extruded frame
- Lighting controls and energy management options to maximise energy efficiency
- T5 lamp options for use with the panel attachments

Recessed

Moduspec

Lamp and Control Gear Options

- 18W, 36W, 58W T8 fluorescent, triphosphor 4000°K - G13 cap
- 14W, 28W (HE) and 24W, 54W, 49W (HO) T5 fluorescent, 4000K - G5 cap
- High frequency control gear as standard
- Dimming options including DSI and DALI



Materials

- Body - welded, full box steel construction, powder coated in RAL9016 white finish
- Louvre - Xenoptic grade, mirror or satin finish, zero iridescence, anodised aluminium
- Panel - TPa fire rated, UV stabilised, true prismatic PVC (MSPFR/MSDPFR). TPb UV stabilised prismatic acrylic (MSPA). All retained in extruded TPa fire rated PVC frame in RAL9016 white finish

Installation Notes

- For ceiling type compatibility refer to Installation Guide on page 80
- Order MSBK side support arms for "draw-up" applications
- Can be supported by 4 x M8 rods
- Terminal block with 2 x 2.5mm² cable capacity per termination
- Attachment retained by wishbone springs for secure and optically accurate location. Hangs for hands free re-lamping
- Supplied complete with lamps

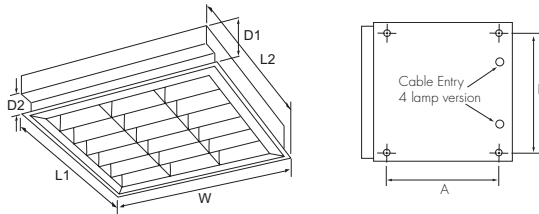
Options

- Fully integral emergency conversion, 3 hour duration
- Intellem self-test emergency versions available
- Suitable for use on defined escape routes when louvre or TPa panel attachment used
- Available fitted with pre-wired socket to suit Connect rapid wiring system. Add suffix 'CX' to catalogue number
- See page 498 for details of Connect Wiring System
- Lighting controls and energy management options (refer to Controls Guide on page 457)
- We offer a range of product support contracts to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

Specification

To specify state: Modular recessed luminaire, of full box welded construction with post coat powder paint, RAL9016 finish, for lay-in and draw-up applications, with 65°-200 cd/m²/general purpose ribbed cross blade mirror/satin finish Xenoptic anodised aluminium louvre/TPa, TPb prismatic/opal panels in extruded TPa PVC frame, retained by wishbone springs, as Eaton's Moduspec range, part no. _____

Dimensions

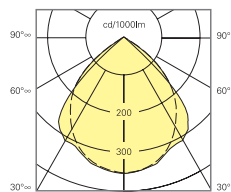


Lamp Rating	L1 (mm)	L2 (mm)	W (mm)	D1 (mm)	D2 (mm)	A (mm)	B (mm)
2 x 36W	1197	1250	297	100	45	900	180
2 x 58W	1497	1550	297	100	45	1350	180
3/4 x 18W	597	640	597	100	45	480	480
3/4 x 36W	1197	1250	597	100	45	900	480

Notes - Dish attachments add 20mm to depth, all below ceiling line
Contact Technical support for full details of body dimensions above ceiling

Photometric Data

Cat. No. MS6418ZT/MXM26418



LOR: 0.63
ULOR: 0.00
DLOR: 0.63
SHR nom: 1.50
SHR max: 1.65

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	50	54	58	60	63	65	66	67	68
		30	47	51	55	57	61	63	64	66	67
		10	44	49	53	55	59	61	62	65	66
50	50	20	49	53	56	58	61	63	64	65	66
		30	46	51	54	56	59	61	62	64	65
		10	44	49	52	54	58	60	61	63	64
30	50	20	48	52	55	57	59	61	62	63	64
		30	46	50	53	55	58	59	61	62	63
		10	44	48	51	54	57	58	60	61	62
0	0	0	43	47	50	52	55	56	57	58	59
BZ-class			1	1	1	1	1	1	1	1	1

See page 514 for Design Guide



65°-200cm² mirror finish louvre



Ribbed satin finish louvre



Prismatic flat panel



Prismatic dish panel

Catalogue Numbers

Lamp Rating	Modular Size (mm)	Body Cat No	Weight (kg)	Emergency Body Cat No	Weight (kg)
Moduspec Body with T8 lamps - order attachment separately					
2 x 36W	300 x 1200	MS3236ZT	4.45	EBMS3236ZT	5.85
2 x 58W	300 x 1500	MS3258ZT	6.13	EBMS3258ZT	7.53
3 x 18W	600 x 600	MS6318ZT	4.76	EBMS6318ZT	5.76
4 x 18W	600 x 600	MS6418ZT	4.61	EBMS6418ZT	5.91
3 x 36W	600 x 1200	MS6336ZT	7.62	EBMS6336ZT	8.72
4 x 36W	600 x 1200	MS6436ZT	7.48	EBMS6436ZT	8.88

Moduspec Body with T5 lamps - order attachment separately					
2 x 28W	300 x 1200	MS3228ZT	4.45	EBMS3228ZT	5.85
2 x 54W	300 x 1200	MS3254ZT	4.45	EBMS3254ZT	5.85
2 x 35W	300 x 1500	MS3235ZT	6.13	EBMS3235ZT	7.53
2 x 49W	300 x 1500	MS3249ZT	6.13	EBMS3249ZT	7.53
4 x 14W	600 x 600	MS6414ZT	4.61	EBMS6414ZT	6.00
4 x 24W	600 x 600	MS6424ZT	4.61	EBMS6424ZT	6.00
3 x 14W	600 x 600	MS6314ZT	4.50	EBMS6314ZT	5.90
3 x 24W	600 x 600	MS6324ZT	4.50	EBMS6324ZT	5.90
4 x 28W	600 x 1200	MS6428ZT	7.60	EBMS6428ZT	9.00
4 x 54W	600 x 1200	MS6454ZT	7.60	EBMS6454ZT	9.00
3 x 28W	600 x 1200	MS6328ZT	7.50	EBMS6328ZT	8.90
3 x 54W	600 x 1200	MS6354ZT	7.50	EBMS6354ZT	8.90

For DSI dimming option, replace part number character **Z** with **RD**, eg MS6418ZT becomes MS6418RDT

For DALI dimming option, replace part number character **Z** with **DD**, eg MS6418ZT becomes MS6418DDT

Emergency versions available with automatic test functionality - see page 235 for system features

Modular Size (mm)	Xenoptic Mirror Louvres		Xenoptic Satin Louvres		Weight (kg)
	65°- 200cd/m2	Ribbed Cross Blade	65°- 200cd/m2	Ribbed Cross Blade	
Louvre attachment - order body separately					
300 x 1200	MXM23236	MXMR3236	MXS23236	MXSR3236	1.30
300 x 1500	MXM23258	MXMR3258	MXS23258	MXSR3258	1.64
600 x 600	MXM26318	MXMR6318	MXS26318	MXSR6318	1.30
600 x 600	MXM26418	MXMR6418	MXS26418	MXSR6418	1.36
600 x 1200	MXM26336	MXMR6336	MXS26336	MXSR6336	2.39
600 x 1200	MXM26436	MXMR6436	MXS26436	MXSR6436	2.54

Modular Size (mm)	Prismatic Flat Panels		Opal Flat Panel TPb Styrene	Prismatic Dish Panel TPa PVC	Weight (kg)
	TPa PVC	TPb Acyclic			
Panel attachment - order body separately					
300 x 1200	MSPFR336	MSPA336	MSF336	MSPDFR336	1.95
300 x 1500	MSPFR358	MSPA358	MSF358	MSPDFR358	2.30
600 x 600	MSPFR618	MSPA618	MSF618	MSPDFR618	1.63
600 x 1200	MSPFR636	MSPA636	MSF636	MSPDFR636	2.94

For further information contact our technical support and application department on 01302 303240 or email lighting@cooper-ls.com

