




Efficiency, excellent light distribution and a wide choice of standard options have been combined to produce the latest Moduspec T5 range. Standard variants utilise T5 lamps with a choice of mirror or satin finish  $65^\circ$  -  $1500\text{cd}/\text{m}^2$  louvres. Optical control improvements have boosted the LOR to further enhance scheme compliance. The choice of solid or back-lit perforated feature panels, along with the popular semi-recessed option, (which creates a gently lit ceiling wash effect controlled by a linear reeded lens), means there is a variant to suit a wide range of aesthetic and performance driven installation requirements.

- Aids lighting scheme design to comply with LG7 and BS EN 12464-1
- Semi-recessed option with soft, transitional ceiling wash controlled by reeded lens panel maximising light output and ceiling illumination
- Choice of solid or perforated feature panels
- Shallow 65mm recessing depth to suit lower ceiling voids
- $65^\circ$  -  $1500\text{cd}/\text{m}^2$  optical control via Xenoptic mirror or satin louvre
- Compatible with Connect Wiring System
- New longer T5 lamp options for enhanced efficiency

# Recessed

## Moduspec T5

### Lamp and Control Gear Options

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

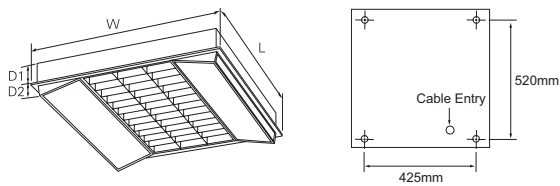
### Materials

- Body - welded, full box steel construction, powder coated in RAL9016 finish
- Louvres - Xenoptic grade, mirror or satin finish, zero iridescence, anodised aluminium
- Feature panels - solid or perforated steel, powder coated in RAL9016 finish. Flame retardant diffusing medium behind perforated panels. Flame retardant lens on semi-recessed option

### Installation Notes

- Suitable for exposed 'T', concealed fix and metal pan ceilings
- Order MSBKT5 side support arms for 'draw-up' applications
- For ceiling type compatibility refer to Installation Guide on page 74
- Can be supported by 4 x M8 drop rods
- Terminal block with 2 x 2.5mm<sup>2</sup> cable capacity per termination
- Fused as standard
- Louvre retained by positive locating shootbolts and fitted with hanging straps for hands free re-lamping
- Supplied complete with lamps
- Aids lighting scheme design to comply with LG7 and BS EN 12464-1 - Refer to Interior Lighting Design Guide on page 514

### Dimensions



Options	L (mm)	W (mm)	D/D1 (mm)	D2 (mm)
Solid panels	597	597	65	-
Perforated panels	597	597	65	-
Semi-recessed	597	597	65	30



4 lamp with solid feature panels

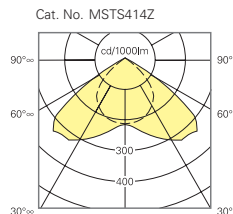
### Options

- 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 498 of the Lighting Solutions catalogue 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: Recessed shallow profile luminaire, of full box welded construction with post coat powder paint, RAL9016 finish, for lay-in and draw-up applications, with 65° - 1500cd/m<sup>2</sup> Xenoptic mirror/satin anodised aluminium louvre, retained by shootbolts, solid/perforated panels or semi-recessed with gentle transitional ceiling wash light effect and T5 lamps, as Eaton's Moduspec T5 range, part no. \_\_\_\_\_

### Photometric Data



LOR: 0.65  
 ULOR: 0.01  
 DLOR: 0.64  
 SHR nom: 2.25  
 SHR max: 2.27

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	-	-	62	63	66	68	69	70	71
30	-	-	59	61	64	66	67	69	70	-	-
10	-	-	57	59	62	64	66	68	69	-	-
50	50	20	-	-	60	62	64	66	67	68	69
30	-	-	58	60	62	64	65	67	68	-	-
10	-	-	56	58	61	63	64	66	67	-	-
30	50	20	-	-	59	60	63	64	65	66	66
30	-	-	57	59	61	63	63	65	65	-	-
10	-	-	56	57	60	61	63	64	65	-	-
0	0	0	-	-	54	56	58	59	60	61	62
BZ-class	-	-	1	1	1	1	1	1	1	1	1

See page 514 for Design Guide



4 lamp with perforated feature panels

**Catalogue Numbers**

Lamp Rating	Panel Option	Cat No c/w Mirror Louvre	Cat No c/w Satin Louvre	Weight (kg)	Emergency c/w Mirror Louvre	Emergency c/w Satin Louvre	Weight (kg)
<b>Moduspec T5 600mm x 600mm</b>							
3 x 14W	Solid	MSFM314Z	MSFS314Z	3.5	EBMSFM314Z	EBMSFS314Z	4.5
4 x 14W	Solid	MSFM414Z	MSFS414Z	3.5	EBMSFM414Z	EBMSFS414Z	4.5
3 x 24W	Solid	MSFM324Z	MSFS324Z	3.5	EBMSFM324Z	EBMSFS324Z	4.5
4 x 24W	Solid	MSFM424Z	MSFS424Z	3.5	EBMSFM424Z	EBMSFS424Z	4.5
3 x 14W	Perforated	MSPM314Z	MSPS314Z	3.4	EBMSPM314Z	EBMSPS314Z	4.4
4 x 14W	Perforated	MSPM414Z	MSPS414Z	3.4	EBMSPM414Z	EBMSPS414Z	4.4
3 x 24W	Perforated	MSPM324Z	MSPS324Z	3.4	EBMSPM324Z	EBMSPS324Z	4.4
4 x 24W	Perforated	MSPM424Z	MSPS424Z	3.4	EBMSPM424Z	EBMSPS424Z	4.4
3 x 14W	Semi-recessed	-	MSTS314Z	3.9	-	EBMSTS314Z	4.9
4 x 14W	Semi-recessed	-	MSTS414Z	3.9	-	EBMSTS414Z	4.9
3 x 24W	Semi-recessed	-	MSTS324Z	3.9	-	EBMSTS324Z	4.9
4 x 24W	Semi-recessed	-	MSTS424Z	3.9	-	EBMSTS424Z	4.9
<b>Moduspec T5 600mm x 1200mm</b>							
3 x 28W	Solid	MSFM328Z	MSFS328Z	6.7	EBMSFM328Z	EBMSFS328Z	7.7
4 x 28W	Solid	MSFM428Z	MSFS428Z	6.7	EBMSFM428Z	EBMSFS428Z	7.7
3 x 54W	Solid	MSFM354Z	MSFS354Z	6.7	EBMSFM354Z	EBMSFS354Z	7.7
4 x 54W	Solid	MSFM454Z	MSFS454Z	6.7	EBMSFM454Z	EBMSFS454Z	7.7
3 x 28W	Perforated	MSPM328Z	MSPS328Z	6.5	EBMSPM328Z	EBMSPS328Z	7.7
4 x 28W	Perforated	MSPM428Z	MSPS428Z	6.5	EBMSPM428Z	EBMSPS428Z	7.7
3 x 54W	Perforated	MSPM354Z	MSPS354Z	6.5	EBMSPM354Z	EBMSPS354Z	7.5
4 x 54W	Perforated	MSPM454Z	MSPS454Z	6.5	EBMSPM454Z	EBMSPS454Z	7.5
3 x 28W	Semi-recessed	-	MSTS328Z	7.5	-	EBMSTS328Z	8.5
4 x 28W	Semi-recessed	-	MSTS428Z	7.5	-	EBMSTS428Z	8.5
3 x 54W	Semi-recessed	-	MSTS354Z	7.5	-	EBMSTS354Z	8.5
4 x 54W	Semi-recessed	-	MSTS454Z	7.5	-	EBMSTS454Z	8.5

For DSI dimming option, replace part number character **Z** with **RD**, eg MSTS414Z becomes MSTS414RD

For DALI dimming option, replace part number character **Z** with **DD**, eg MSTS414Z becomes MSTS414DD

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

For further information contact our technical support and application department on 01302 303240 or email [lighting@cooper-ls.com](mailto:lighting@cooper-ls.com)