



Modulay DI is an architectural luminaire designed to produce a combination of direct and indirect light, popular in many of today's modern working environments. The direct louvre assembly is manufactured from zero iridescence anodised aluminium, whilst the softly lit indirect panels have a textured finish which assist in meeting the requirements of LG7 and are manufactured from fire retardant polycarbonate which fully meets the 850°C glow wire test requirements of BS-60598-2-22. All Modulay DI models use high frequency control gear as standard and are also available with DSI digital dimming gear where lighting control is required.

Both HF and DSI types are fully supported by integral 3 hour emergency versions.

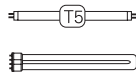
- Recessed direct and indirect lighting solution
- Efficient soft-lit lighting effect aids lighting scheme design to comply with LG7 and BS EN 12464-1
- Suitable for 15 and 24mm exposed grid ceiling systems
- 65° -1000cd/m² louvre
- Fully integral emergency options
- Available with choice of triphosphor or less lamp

Recessed

Modulay DI

Lamp and Control Gear Options

- 14W (HE), 24W (HO) T5 fluorescent 4000°K - G5 cap
- 40W and 55W TC-L compact fluorescent, 4000°K - 2G11 cap
- High frequency control gear as standard
- DSI digital dimming also available



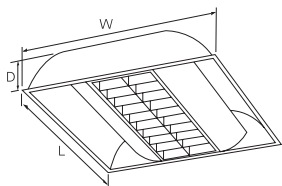
Materials

- Body - steel construction, powder coated in RAL9016 finish
- Louvre - high grade specular aluminium
- Diffusing Panel - flame retardant polycarbonate

Installation Notes

- Suitable for exposed grid ceiling systems (lay-in)
- The louvre assembly is manufactured from zero iridescence anodised aluminium and is securely retained in the housing using shoot bolts which ensures optical accuracy
- Supplied complete with lamps or less lamp if preferred
- Minimum ceiling void 140mm

Dimensions



Lamp Rating	L (mm)	W (mm)	D (mm)
Modulay DI	597	597	97

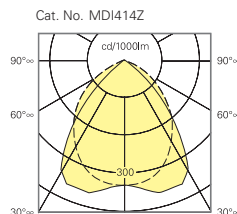
Options

- Fully integral emergency conversion, 3 hour duration
- Available with or without lamps
- 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 luminaire with curved body construction and RAL9016 post coat powder paint finish for lay-in applications. Anodised aluminium louvre direct and softly lit indirect panels form the optical assembly, as Eaton's Modulay DI range, part no _____

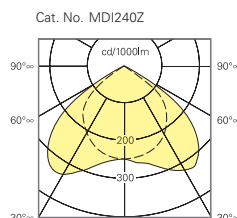
Photometric Data



LOR: 71.3
SHR nom: 2.00
SHR max: 2.06

Utilisation factors / TM5			Room Index								
Reflectances											
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	N/A	62	66	68	72	74	75	77	78
	30		N/A	59	62	65	69	71	73	75	77
	10		N/A	56	60	63	67	70	71	74	75
50	50	20	N/A	61	64	66	70	72	73	74	75
	30		N/A	58	61	64	67	70	71	73	74
	10		N/A	56	59	62	66	68	70	72	73
30	50	20	N/A	60	63	65	68	69	70	72	73
	30		N/A	57	60	63	66	68	69	71	72
	10		N/A	55	58	61	64	67	68	70	71
0	0	0	N/A	54	57	59	62	64	65	67	68
BZ-class			1	1	1	1	1	1	1	1	1

See page 514 for Design Guide



LOR: 70.3
SHR nom: 2.00
SHR max: 2.05

Utilisation factors / TM5			Room Index								
Reflectances											
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	N/A	61	64	67	70	72	74	76	77
	30		N/A	57	61	63	68	70	72	74	75
	10		N/A	55	58	61	65	68	70	72	74
50	50	20	N/A	59	62	65	68	70	71	73	74
	30		N/A	56	60	62	66	68	70	72	73
	10		N/A	54	57	60	64	67	68	70	72
30	50	20	N/A	58	61	63	66	68	69	71	71
	30		N/A	56	59	61	65	67	68	69	70
	10		N/A	54	57	59	63	65	67	68	70
0	0	0	N/A	52	55	57	61	63	64	65	66
BZ-class			1	1	1	1	1	1	1	1	1

See page 514 for Design Guide

Catalogue Numbers

Lamp Rating	Gear Option	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
Modulay DI - Supplied with Triphosphor lamps					
4 x 14W	High Frequency	MDI414Z	4.3	EBMDI414Z	5.6
2 x 24W	High Frequency	MDI224Z	4.2	EBMDI224Z	5.6
2 x 40W	High Frequency	MDI240Z	4.2	EBMDI240Z	5.6
1 x 55W	High Frequency	MDI155Z	4.1	EBMDI155Z	5.5
2 x 55W	High Frequency	MDI255Z	4.2	EBMDI255Z	5.6
<hr/>					
4 x 14W	DSI Digital Dim	MDI414RD	4.5	EBMDI414RD	5.7
2 x 24W	DSI Digital Dim	MDI224RD	4.4	EBMDI224RD	5.8
2 x 40W	DSI Digital Dim	MDI240RD	4.4	EBMDI240RD	5.8
1 x 55W	DSI Digital Dim	MDI155RD	4.3	EBMDI155RD	5.7
2 x 55W	DSI Digital Dim	MDI255RD	4.4	EBMDI255RD	5.8
<hr/>					
Modulay DI - Supplied less lamp					
4 x 14W	High Frequency	MDI414ZX	4.2	EBMDI414ZX	5.5
2 x 24W	High Frequency	MDI224ZX	4.1	EBMDI224ZX	5.5
2 x 40W	High Frequency	MDI240ZX	4.1	EBMDI240ZX	5.5
1 x 55W	High Frequency	MDI155ZX	4.0	EBMDI155ZX	5.4
2 x 55W	High Frequency	MDI255ZX	4.1	EBMDI255ZX	5.5
<hr/>					
4 x 14W	DSI Digital Dim	MDI414RDX	4.4	EBMDI414RDX	5.6
2 x 24W	DSI Digital Dim	MDI224RDX	4.3	EBMDI224RDX	5.7
2 x 40W	DSI Digital Dim	MDI240RDX	4.3	EBMDI240RDX	5.7
1 x 55W	DSI Digital Dim	MDI155RDX	4.2	EBMDI155RDX	5.6
2 x 55W	DSI Digital Dim	MDI255RDX	4.3	EBMDI255RDX	5.7