

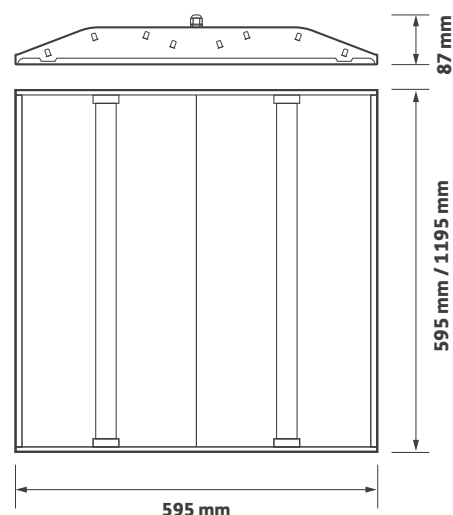
141 Series Datasheet



Key Features

- ▶ High output LED illuminated RMOD
- ▶ Homogenous output from twin opal light pipes
- ▶ Shallow twin triangular recessed body for vertical and horizontal illumination
- ▶ Robust polyester powder coated steel body with matt finish to minimise glare
- ▶ Available in 600 x 600 or 1200 x 600 mm
- ▶ Excellent efficacy to aid Part L compliance
- ▶ Tridonic LED and driver system
- ▶ Dimming options

Technical Drawing



Ordering Information

Size	Module Output	Power	Colour	Model Ref.
600 x 600 mm	5500 lm	42 W	830	141.001
600 x 600 mm	5500 lm	42 W	840	141.002
600 x 600 mm	6200 lm	49 W	830	141.003
600 x 600 mm	6200 lm	49 W	840	141.004
1200 x 600 mm	11000 lm	81 W	830	141.005
1200 x 600 mm	11000 lm	81 W	840	141.006
1200 x 600 mm	12500 lm	96 W	830	141.007
1200 x 600 mm	12500 lm	96 W	840	141.008

Options

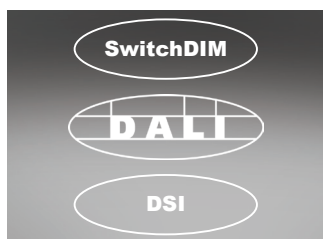
Please select from the options below.

SwitchDIM, DALI or DSI	/ECO
Single Point Connection to an ILEM product	/SPC

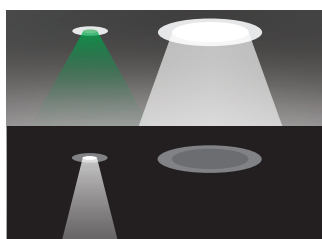


141 Series Options and Accessories

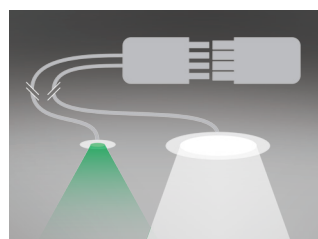
Options



/ECO
SwitchDIM, DALI or DSI



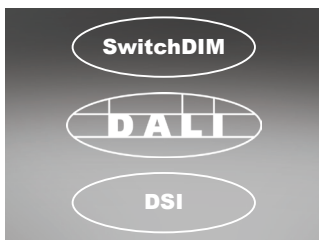
ILEM
Please see ILEM datasheet



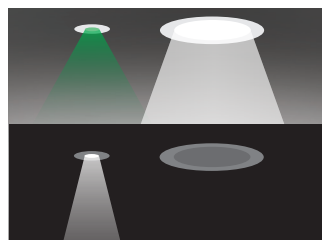
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Single Point Connection to ILEM
product

141 Series Options and Accessories

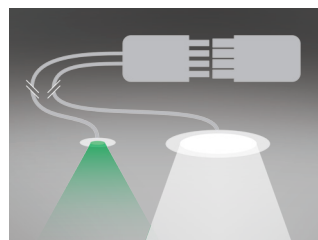
Options



/ECO
SwitchDIM, DALI or DSI



ILEM
Please see ILEM datasheet



/SPC
Single Point Connection to ILEM product

141 Series Technical

Technical Information

Nominal weight (600 x 600 mm)	3.5 kg	Operating ambient temperature	-25°C to +35°C
Nominal weight (1200 x 600 mm)	6.5 kg	Connection	Piano type terminal block
Mains voltage	220 - 240 V	Warranty	5 years
Mains frequency	50 - 60 Hz	Power factor	>0.9
Ingress protection from front	IP40	Optical efficiency (DLOR)	82%
Ingress protection from rear	IP20	Colour rendering	R _a 80
MacAdam	3 SDCM		

Model Ref.	Size (mm)	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Lm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	UGR
141.001	600 x 600	42.0	5436	129	4452	106.0	3000	21
141.002	600 x 600	42.0	5526	132	4526	107.8	4000	21
141.003	600 x 600	49.2	6182	126	5063	102.8	3000	22
141.004	600 x 600	49.2	6382	130	5227	106.2	4000	22
141.005	1200 x 600	81.3	10872	134	8904	109.5	3000	21
141.006	1200 x 600	81.3	11052	136	9052	111.3	4000	21
141.007	1200 x 600	96.3	12364	128	10126	105.1	3000	21
141.008	1200 x 600	96.3	12764	132	10454	108.5	4000	21

Please note: Specification values may change due to rapid development of lighting technology. All performance data is taken at an ambient temperature of +25°C. Data may be rounded up/down for illustrative purposes. Tolerance range of optical and electrical data is +/-10%. We reserve the right to amend or change details without prior notification. E&OE. **MDS-176T 27/01/2016**

141 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / F10	L80 / F10	L70 / F10
141.001	20,000 h	43,000 h	60,000 h
141.002	20,000 h	43,000 h	60,000 h
141.003	17,000 h	36,000 h	58,000 h
141.004	17,000 h	36,000 h	58,000 h
141.005	20,000 h	43,000 h	60,000 h
141.006	20,000 h	43,000 h	60,000 h
141.007	17,000 h	36,000 h	58,000 h
141.008	17,000 h	36,000 h	58,000 h

“L VALUE” = % of initial lumens maintained after specified time
“F VALUE” = % of fittings failing to meet operational expectations after specified time

EXAMPLE
43,000 hrs L80 / F10 = 80% of initial lumens maintained after 43,000 hours
= 10% of fittings will have less than 80% of initial lumens after 43,000 hours
OR
= 90% of fittings will have maintained 80% of initial lumens after 43,000 hours