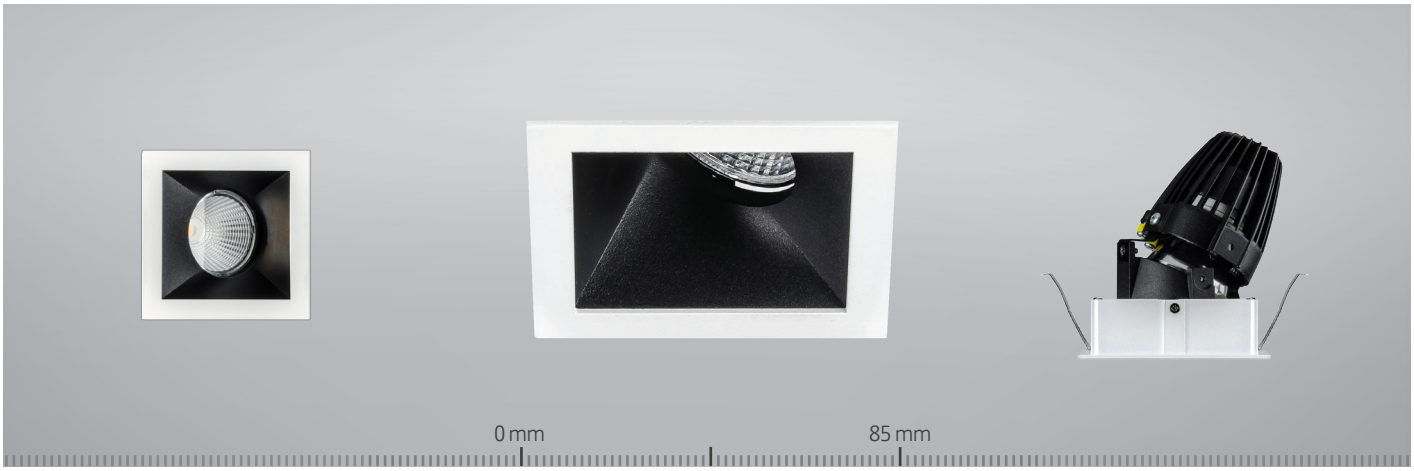
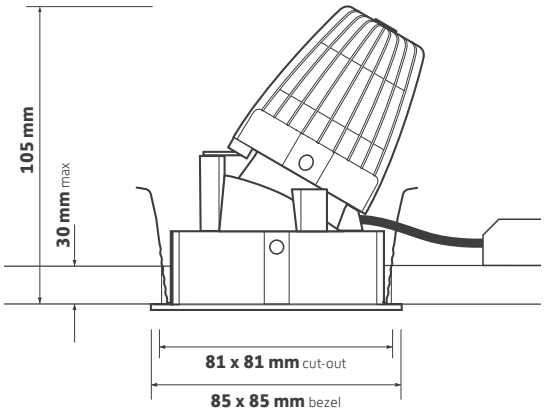
133 Series Datasheet



Key Features

- Low glare architectural wall wash
- Discreet minimal bezel, die-cast from pure aluminium
- Matt black darklight baffle, developed to minimise glare
- Fitted with an integral IP44 protective lens as standard
- Precision moulded polycarbonate reflector with medium beam distribution
- Deep installed Tridonic full spectrum COB LED
- Excellent thermally optimised 24 super-fin die-cast heatsink
- Short circuit, overload and temperature protection
- Complements 130, 131 and 132 Series

Technical Drawing



Ordering Information

Module Output	Power	Colour	Model Ref.
650 lm	8 W	827	**133.001**
800 lm	8 W	830	**133.002**
800 lm	8 W	840	**133.003**
1000 lm	15 W	827	**133.004**
1200 lm	14 W	830	**133.005**
1200 lm	14 W	840	**133.006**

Options

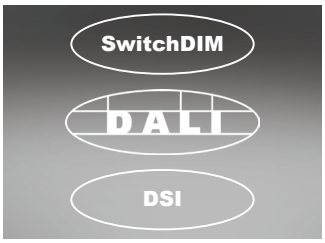
Please select from the options below.

SwitchDIM, DALI or DSI	**/ECO**
Narrow beam reflector	**/NB**
EM conversion	**/EM**
Self-test EM conversion	**/EMS**
DALI EM conversion	**/EMD**
Single Point Connection to an ILEM product	**/SPC**

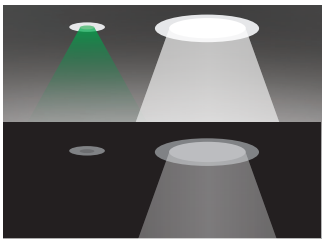
133 Series Options and Accessories

Options

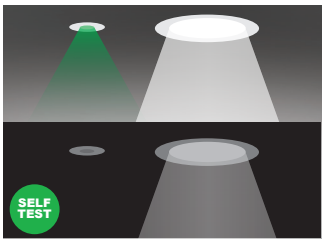
/NB
Narrow beam reflector



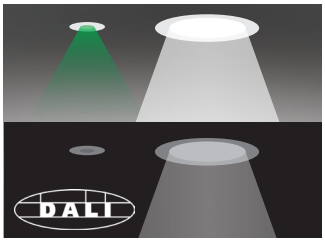
/ECO
SwitchDIM, DALI or DSI



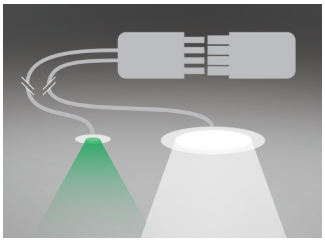
/EM
EM conversion



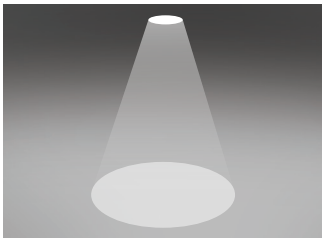
/EMS
Self-test EM conversion



/EMD
DALI EM conversion



/SPC
Single Point Connection to an ILEM product



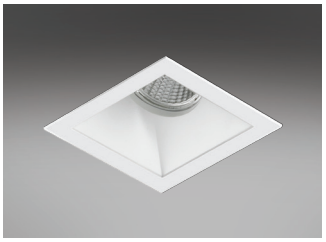
Downlight available
Please see 132 Series datasheet

Round available
Please see 130 Series and 131 Series datasheets

Plaster-In

/PI
Plaster-in bezel version

Softlight Baffle

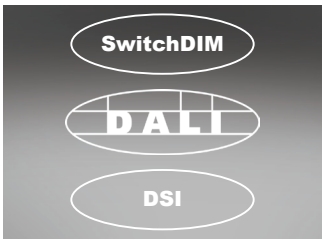


/WSB
White softlight baffle

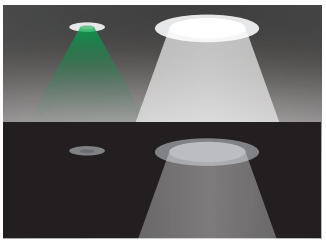
133 Series Options and Accessories

Options

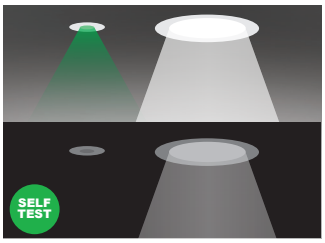
/NB
Narrow beam reflector



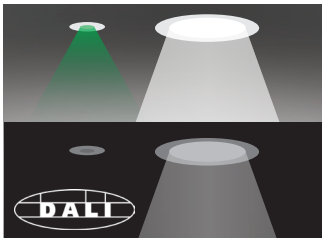
/ECO
SwitchDIM, DALI or DSI



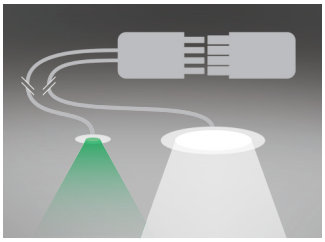
/EM
EM conversion



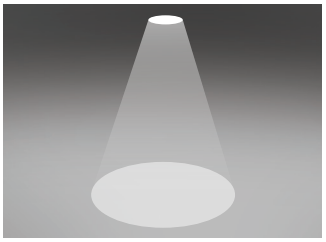
/EMS
Self-test EM conversion



/EMD
DALI EM conversion



/SPC
Single Point Connection to an ILEM product



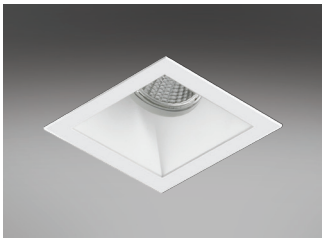
Downlight available
Please see 132 Series datasheet

Round available
Please see 130 Series and 131 Series datasheets

Plaster-In

/PI
Plaster-in bezel version

Softlight Baffle



/WSB
White softlight baffle

133 Series Technical

Technical Information

Nominal weight	**0.3 kg**
Mains voltage	**220 - 240 V**
Mains frequency	**50 - 60 Hz**
Ingress protection from front	**IP44**
Ingress protection from rear	**IP20**
Optical efficiency (DLOR)	**60%**

Mains lead	**500 mm 2 core LSF**
Dimming lead	**500 mm 2 core LSF**
Warranty	**5 years**
Power factor	**>0.9**
Colour rendering	**R_a 80**
MacAdam	**3 SDCM**

Model Ref.	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	UGR	Operating Ambient Temperature (°C)
133.001	7.9	637	81	382	48.4	2700	12.9	-25 to +35
133.002	7.8	783	100	470	60.2	3000	13.1	-25 to +35
133.003	7.8	847	109	508	65.2	4000	13.5	-25 to +35
133.004	15.1	1017	67	610	40.4	2700	14.6	-25 to +25
133.005	14.1	1183	84	710	50.3	3000	14.7	-25 to +25
133.006	14.1	1279	91	767	54.4	4000	15.1	-25 to +25

133 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / F10	L80 / F10	L70 / F10
133.001	53,000 h	>60,000 h	>60,000 h
133.002	-	49,000 h	>60,000 h
133.003	-	49,000 h	>60,000 h
133.004	25,000 h	53,000 h	>60,000 h
133.005	-	35,000 h	55,000 h
133.006	-	35,000 h	55,000 h

"**L VALUE**" = % of initial lumens maintained after specified time

"**F VALUE**" = % of fittings failing to meet operational expectations after specified time

EXAMPLE

60,000 hrs L80 / F10 = 80% of initial lumens maintained after 60,000 hours

= 10% of fittings will have less than 80% of initial lumens after 60,000 hours

OR

= 90% of fittings will have maintained 80% of initial lumens after 60,000 hours