

RECESSED / LOW GLARE / DOWNLIGHT

Eco

Professional low-glare downlight with wide specification flexibility.

Eco is a low-glare recessed downlight range for commercial interiors where reflector choice, control configuration and emergency options need to be scheduled cleanly.

Eco range covers 1000 to 4550 lm, 8.0 to 40.0 tcW, and 3000K / 4000K colour temperatures.



Up to 192 lm/W
Highest light-source efficacy listed in Eco performance table.

Low glare options
Low UGR options with reflector and accessory choices.

>50,000h L80/B10
Lumen maintenance stated in Eco key features.

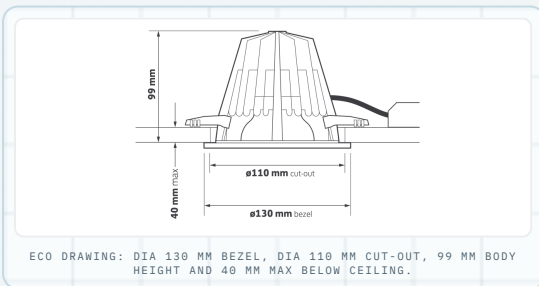
Control ready
Touch dimming, DALI, wireless and emergency suffix options.

Key Features

- + Professional low glare downlight with wide choice of options.
- + Lumen maintenance now L80/B10 @ >50,000 h.
- + Philips LED module and paired driver system.
- + Height under 100 mm using optimised thermodynamics.
- + Premium White Ra90 LED module available.
- + Increased energy efficiency upgrades.
- + Suitable for return, renew and reuse.
- + Multi-faceted 40 degree pure aluminium reflector as standard.
- + Emergency, DALI, dimming and wireless network control options.
- + 5 year warranty.

Dimensions

PRODUCT DRAWING



Drawing reference
78 / 96 Series line drawing

Bezel diameter
Dia 130 mm

Out-out
Dia 110 mm

Body height
99 mm

Below ceiling
40 mm max

Ordering Information

OUTPUT (LLM)	COLOUR TEMP	POWER (TCW)	LIGHT SOURCE EFFICACY	LUMINAIRE EFFICACY	MODEL REF.
1000	3000K	8.0	185	125	ECO.001
1050	4000K	8.0	192	131	ECO.002
1750	3000K	13.5	183	130	ECO.003
1825	4000K	13.5	189	135	ECO.004
2425	3000K	19.0	176	128	ECO.005
2525	4000K	19.0	182	133	ECO.006
3250	3000K	27.0	161	120	ECO.007
3375	4000K	27.0	168	125	ECO.008
4375	3000K	40.0	149	109	ECO.009
4550	4000K	40.0	154	114	ECO.010

Options

REFLECTORS

/MF25, /MF60, /SP40, /SA50

HIGH COLOUR RENDERING

/R9

CONTROL GEAR

/T+DALI, /BTC

EMERGENCY - REMOTE INDICATOR

/EM, /EMD, /EMM

EMERGENCY - INTEGRAL INDICATOR

/EMI, /EMDI, /EMMI

TA200 BEZEL ACCESSORY

/WH, /BlWH, /GY, /BL

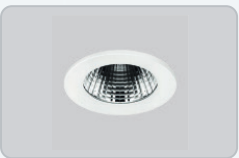

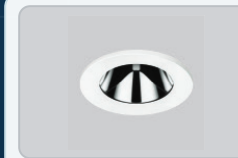
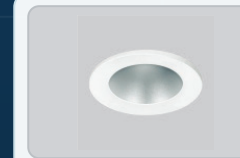
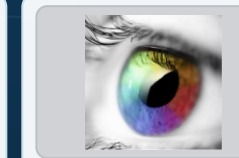

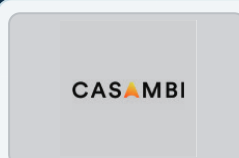

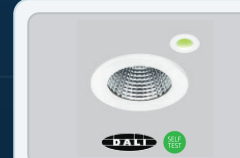
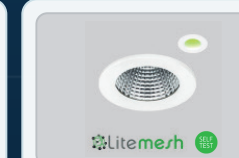
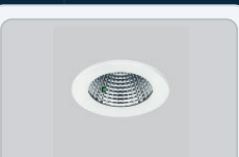
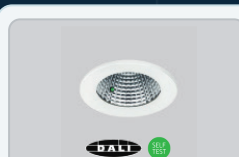

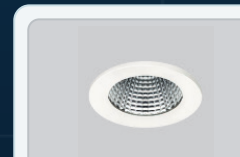
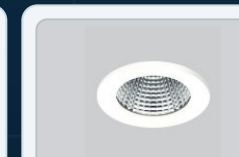
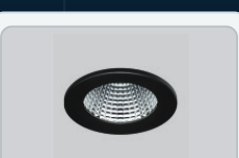
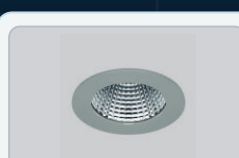
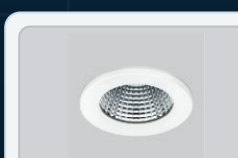
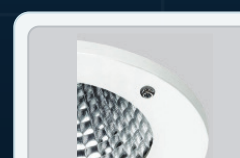
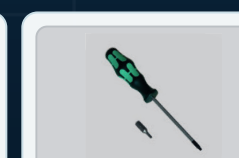
PRODUCT VARIATIONS AVAILABLE







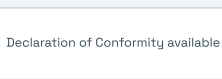
PV.

Specification Options

Reflector, LED module, control, emergency, finish and security accessories for ECO schedules.

Reflectors, controls and accessories

 <p>/MF25 25 degree multi-faceted reflector</p>	 <p>/MF60 60 degree multi-faceted reflector</p>	 <p>/SP40 40 degree specular reflector</p>	 <p>/SA50 50 degree satin etched reflector</p>	 <p>/R9 High colour rendering LED module</p>
 <p>/T+DALI Touch dimming or DALI control gear</p>	 <p>/BTC Casambi wireless network inc. dimming</p>	 <p>/EM Emergency Remote indicator</p>	 <p>/EMD DALI / Self test EM Remote Indicator</p>	 <p>/EMM Wireless mesh EM Remote indicator</p>
 <p>/EMI Emergency Integral indicator</p>	 <p>/EMDI DALI / Self test EM Integral indicator</p>	 <p>/EMMI Wireless mesh EM Integral indicator</p>	 <p>TA200/WH White RAL9010</p>	 <p>TA200/BWH Brilliant White RAL9016</p>
 <p>TA200/BL Black RAL9005</p>	 <p>TA200/GY Grey RAL9006</p>	 <p>IP65 / IK10 / 130 White IP65 / IK10 bezel* Clear polycarbonate</p>	 <p>AT200/WH White anti-tamper bezel*</p>	 <p>GF208 / GF218 Anti-tamper driver Anti-tamper bit</p>



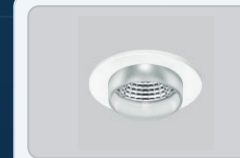

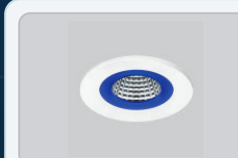
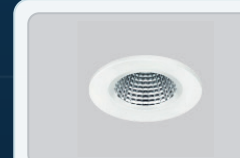
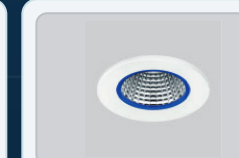
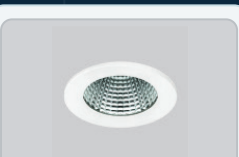
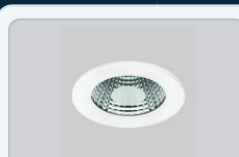
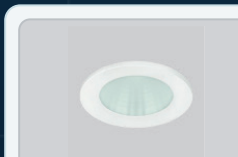
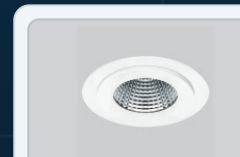
						
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
Please note: Specification values may change due to rapid development of lighting technology. All performance data is taken at an ambient temperature of +25 deg C. Data may be rounded up/down for illustrative purposes. Tolerance range of optical and electrical data is +/-10%. We reserve the right to amend or change details without prior notification. E5DE.

Specification Options

Mounting kits, dropped bezels, snoots, hi-light, Neo, glass and concealer plate options.

Mounting and bezel accessories

 <p>PI200 Plaster-in kit Cut-out: 140 mm Height: 138 mm</p>	 <p>TA225/WH White bezel* Dropped clear halo</p>	 <p>TA226/WH White bezel* Dropped opal halo</p>	 <p>TA210/FROST Frost snoot</p>	 <p>TA210/BLUE Blue snoot</p>
 <p>TA210/BLACK Black snoot</p>	 <p>TA220/FROST Frost Hi-light</p>	 <p>TA220/BLUE Blue Hi-light</p>	 <p>TA230/FROST Frost Neo</p>	 <p>TA230/BLUE Blue Neo</p>
 <p>TA240 IP54 clear glass</p>	 <p>TA241 IP54 centre etched glass</p>	 <p>TA242 IP54 fully etched glass</p>	 <p>HALOKIT.001 White concealer plate* Max. cut-out 150 mm</p>	

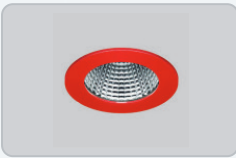


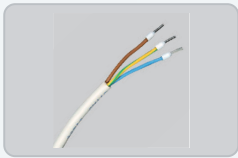


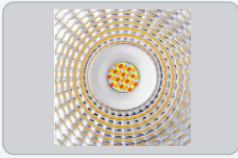
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Product Variations




Product-variation options and related product ranges for the ECO range.

Product variations

 <p>PV - Contact Sales Any RAL colour bezel</p>	 <p>PV - Contact Sales Honeycomb louvre</p>	 <p>PV - Contact Sales Choice of connectors</p>	 <p>PV - Contact Sales LSOH / LSF cable</p>	 <p>PV - Contact Sales Choice of modules</p>
 <p>PV - Contact Sales Alternative coloured accessories</p>	 <p>PV - Contact Sales RGBW colour change</p>			

Related products

 <p>See 79 & 97 Series Gimbal</p>	 <p>See 121 & 122 Series Framelight</p>	 <p>See 80 & 82 Series Track spot</p>	 <p>See 181 Series Surface downlight</p>	 <p>See 181 Series Suspended downlight</p>
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