

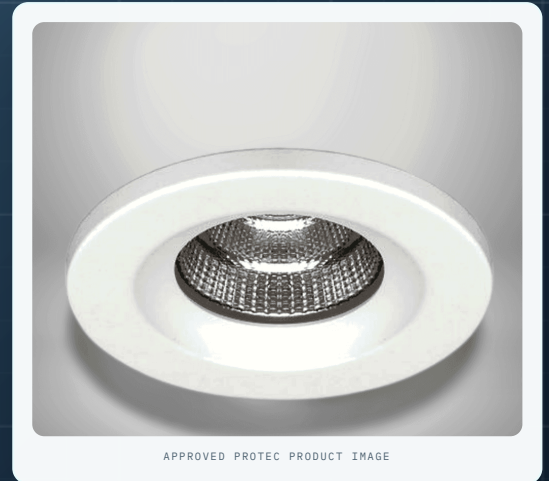
DOWNLIGHTS / IP65 / FIRE RATED / COMPACT

Protec

Compact fire-rated IP65 LED downlight with a multi-faceted reflector, protected ceiling gasket and clean bezel options for project schedules.

Protec combines a compact recessed format with IP65 ingress protection and accredited FR30, FR60 and FR90 fire-rating coverage. The fitting is supplied with a white bezel as standard, with brushed aluminium and black bezel options for different ceiling finishes.

The schedule lists two 8 toW variants, providing 750 lm at 3000K and 775 lm at 4000K. Phase-cut, SwitchDIM, DALI, DSI, emergency and Casambi wireless network options are available through the option schedule.



APPROVED PROTEC PRODUCT IMAGE

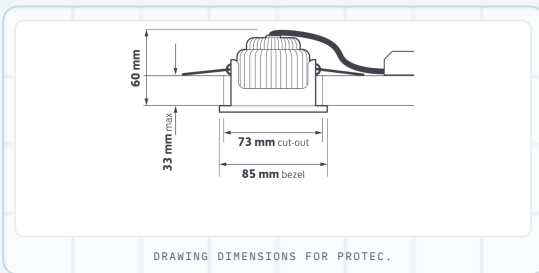
 <p>IP65 protected Protected downlight format with an IP ceiling gasket supplied in the product package.</p>	 <p>Fire-rated build Accredited FR30, FR60 and FR90 fire rating coverage is listed in the technical data.</p>	 <p>Multi-faceted reflector Reflector detail supports a controlled recessed downlight appearance.</p>	 <p>Bezel options White as standard with brushed aluminium and black bezel options.</p>	 <p>Control ready Phase-cut, SwitchDIM, DALI, DSI and Casambi wireless network suffixes are available.</p>	 <p>Emergency options Standard and self-test/DALI emergency conversion options are listed.</p>
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Key Features

- + Compact fire-rated IP65 LED downlight.
- + Brushed aluminium and black bezel options.
- + Choice of 3000K and 4000K colour temperatures.
- + Accredited fire rating: FR30, FR60 and FR90.
- + Five year warranty.
- + Complete with white bezel as standard.
- + Multi-faceted reflector.
- + Supplied with IP ceiling gasket.
- + Life 40,000 hours L70 / F50.

Dimensions

PRODUCT DRAWING



Bezel 85 mm	Cut-out 73 mm
Depth 60 mm	Ceiling thickness 33 mm max
Ingress rating IP65	Fire rating FR30 / FR60 / FR90

Ordering Information

LUMINAIRE OUTPUT (LM)	POWER (TCW)	COLOUR TEMP	MODEL REF.
750 lm	8	3000K	PROTEC.001
775 lm	8	4000K	PROTEC.002

Options

BEZEL OPTIONS
TA149/BA, TA149/BL

CONTROL GEAR
/MDIM, /ECO, /BTC



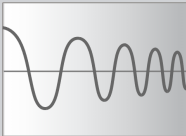



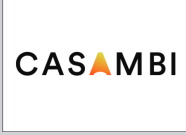
EMERGENCY
/EM, /EMD

EXAMPLE CODE
PROTEC.001/ECO/EMD

Specification Options

bezel, dimming, control and emergency choices for Protec project schedules.

Specification Options

 <p>TA149/BA Brushed bezel</p>	 <p>TA149/BL Black bezel</p>	 <p>/MDIM Phase-cut mains dimming</p>	 <p>/ECO SwitchDIM, DALI or DSI</p>
 <p>/EM 3 hour emergency conversion*</p>	 <p>/EMD 3 hour self-test and DALI emergency conversion*</p>	 <p>/BTC Casambi wireless network (inc dim)</p>	

	UK CA	CE		DC	Declaration of Conformity available
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*Emergency remote indicators and ILEMs are not IP65 or fire rated.

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. E&OE.