

DOWNLIGHTS / ARCHITECTURAL / TRIDONIC

# Beam

Low-glare architectural downlight with a discreet bezel and precision reflector control.

Beam is a recessed architectural LED downlight for commercial interiors where visual comfort and refined ceiling detailing are important. It combines a low-profile die-cast aluminium bezel with a matt black darklight baffle to help minimise direct glare.

The range includes an integral IP44 protective lens, a precision moulded 40-degree reflector, Tridonic LED engine and driver system, and options for dimming, DALI-based control, emergency conversion, Casambi wireless control, narrow beam output and finish changes.



#### Low-glare design

Architectural downlight format with a matt black darklight baffle for glare control.



#### 40-degree reflector

Precision moulded reflector listed as standard, with a 20-degree narrow beam option.



#### IP44 lens

Integral IP44 protective lens fitted as standard.



#### Tridonic system

Tridonic LED engine and driver system for stable commercial specification.



#### Control options

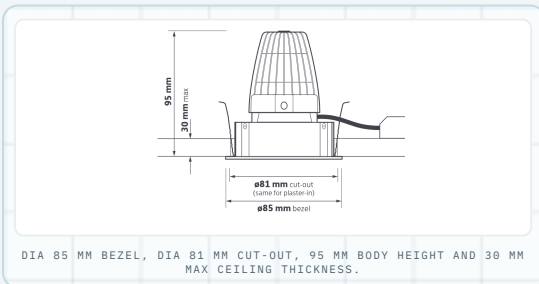
DALI, SwitchDIM, DSI, mains dimming, emergency and Casambi options are available.

## Key Features

- + Low-glare architectural downlight.
- + Discreet minimal bezel, die-cast from pure aluminium.
- + White bezel in RAL 9003 as standard.
- + Matt black darklight baffle in RAL 9005 developed to minimise glare.
- + Integral IP44 protective lens fitted as standard.
- + Precision moulded 40-degree reflector.
- + Tridonic LED engine and driver system.
- + Thermally optimised 24 super-fin die-cast heatsink.
- + Short-circuit, overload and temperature protection.

## Dimensions

PRODUCT DRAWING



Bezel diameter

**Dia 85 mm**

Cut-out

**Dia 81 mm**

Body height

**95 mm**

Ceiling thickness

**30 mm max**

## Ordering Information

OUTPUT (LM)	POWER (W)	COLOUR TEMP	MODEL REF.
600 lm	8.0	2700K	BEAM.001
675 lm	6.5	3000K	BEAM.002
700 lm	6.5	4000K	BEAM.003
850 lm	10.0	2700K	BEAM.004
850 lm	8.0	3000K	BEAM.005
900 lm	8.0	4000K	BEAM.006

## Options

#### CONTROLS

/ECO, /MDIM, /BTC

#### EMERGENCY

/EM, /EMD, /EMi, /EMDi

#### BEAM AND COLOUR

/NB, /R9

#### FINISH AND MOUNTING

/PI, /BK, /WSB

#### PRODUCT VARIATIONS

PV - Contact Sales

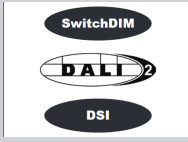
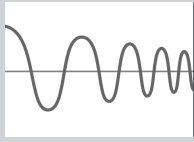






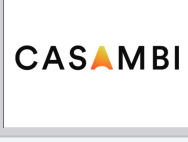



#### EXAMPLE CODE

BEAM.005/BTC/NB


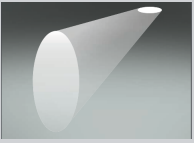

# Specification Options

control, emergency, beam, finish and product-variation choices for Beam schedules.

## Specification Options

 <p><b>/ECO</b> SwitchDIM, DALI or DSI</p>	 <p><b>/MDIM</b> Mains dimming</p>	 <p><b>/NB</b> 20-degree narrow beam reflector</p>	 <p><b>/EM</b> EM conversion</p>
 <p><b>/EMD</b> DALI and self-test EM conversion</p>	 <p><b>/EMi</b> EM conversion with integral indicator</p>	 <p><b>/EMDi</b> DALI and self-test EM conversion with integral indicator</p>	 <p><b>/R9</b> Ra90 high colour rendering</p>
 <p><b>/BTC</b> Casambi wireless network inc dim</p>	 <p><b>/PI</b> Plaster-in bezel version (cut-out Dia 81 mm)</p>	 <p><b>/BK</b> Black bezel - RAL 9005</p>	 <p><b>/WSB</b> White softlight baffle - RAL 9003</p>

## Product Variations

 <p><b>PV - Contact Sales</b> Other colours and specifications available on request</p>	 <p><b>PV - Contact Sales</b> Wall wash variant available</p>	 <p><b>PV - Contact Sales</b> Square variant available</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.