

1 Caton



Caton offers an alternative form for commercial lighting applications. High efficiency distribution and sleek curves give form and function in one package.

A uniquely constructed polycarbonate tri-extruded diffuser combines a precision Microprism centre panel with Opaline blend side elements to produce a vibrant yet comfortable effect.

Emergency operation, via a discrete LED, is optically controlled with an advanced lens making exceptional spacing possible.

Rapid installation is a key benefit thanks to the side mounted plug and socket arrangement, connections are all external to save valuable time on site.

- Tri-extruded diffuser with soft organic modelling
- Contemporary aesthetics and space integration
- High efficacies of up to 100 Llm/cW which exceeds the requirements of UK Building Regulations: Part L and Section 6 (Scotland)
- May contribute to EN12464-1 requirements for scheme compliance across all variants
- Close colour tolerance: MacAdam 3 SDCM
- Quick and simple installation with a lay-in solution complete with plug/socket mains and DALI connection
- 3 hour maintained emergency versions available
- Exceptional spacing from the integral LED emergency reduces the number of emergency luminaires required

Light Engine and Control Gear Options

- High output, high efficacy LED chip set optimised for controlled recessed lighting applications
- Energy efficient high frequency control gear as standard
- Dimming option - DALI

Materials

- Body - welded, full box steel construction, powder coated in RAL9016 finish 60% gloss
- Optic - Polycarbonate UV stable tri-extruded diffuser
- Outer bezel frame – monolithic seamless steel construction, powder coated in RAL9016 finish

Installation Notes

- Suitable for exposed 'T', concealed fix and some metal pan ceilings
- Suitable for UGR <19 applications
- Order side support bracket set for 'draw up' applications (ordered separately) CTNPBK
- Rear socket and plug (included) for rapid installation
- Emergency variants are fused as standard
- May aid lighting scheme design to comply with BS EN 12464-1 - refer to the lighting design guide on page 468 (Lighting Solutions)

Options

- Fully integral LED emergency conversion, 3 hour duration
- CGLine+ self-test emergency versions available, reducing maintenance costs and offering ease of compliance with testing requirements
- We offer a range of product support contracts to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

Catalogue Numbers

Variant	Lumen Output	Wattage	Llm/cW	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
3400 lm	3315	33	100.4	CTN66344KZ	4.73	ELCTN66344KZ	5.13
4000 lm	4030	40	100.8	CTN66404KZ	4.73	ELCTN66404KZ	5.13

For DALI Dimming option replace character Z with DD , e.g. CTN66404KZ becomes CTN66404KDD

For Sensor option add the characters ISM, e.g. CTN66404KZ becomes ISMCTN66404KZ

Emergency versions also available with automatic test functionality, e.g. CG Line+

For further information, contact our Technical Support and Application department on 01302 303240 or email LightingTechnicalUK@Eaton.com

Llm/cW = luminaire lumens per circuit watt

Accessories

Description	Cat No
CATON BEARER KIT (2 bearer brkts)	CTNBK

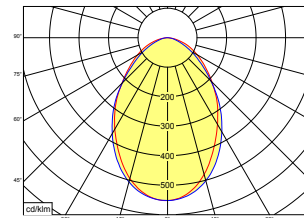
For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/caton-recessed-ceiling.html>

Specification

To specify state: Recessed architectural luminaire, of full box welded construction with post coat powder paint, RAL9016 finish, for lay-in / pull up installations. Complete with organic tri-extruded diffuser and high efficiency LED modules. LED emergency option with unique lens optic delivering up to 10m x 10m coverage distribution, Eaton's Caton range part no _____

Photometric Data

Cat No: CTN66404KZ



Utilisation factors / TM5

Reflectances			Room Index									
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0	
0.7	0.5	0.2	63	73	79	84	91	95	99	103	105	
0.7	0.3	0.2	56	66	73	78	85	90	94	99	102	
0.7	0.1	0.2	50	60	68	73	81	86	90	96	99	
0.5	0.5	0.2	61	71	77	82	88	92	95	99	101	
0.5	0.3	0.2	55	65	71	76	83	88	91	96	98	
0.5	0.1	0.2	50	60	67	72	79	84	88	93	96	
0.3	0.5	0.2	60	69	75	79	85	89	92	95	97	
0.3	0.3	0.2	54	63	70	75	81	85	89	93	95	
0.3	0.1	0.2	50	59	66	71	78	82	86	90	93	
0	0	0	48	57	63	68	74	79	82	86	89	
BZ-class			3	3	3	3	3	3	3	3	3	

SHR nom: 1.00
SHR max: 1.181

See page 468 for design guide

Dimensions

