

# Caton 625



Caton 625 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.

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
- 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

### 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
- Order side support bracket set for 'draw up' applications (ordered separately) CTN625BK
- Rear socket and plug (included) for rapid installation
- May aid lighting scheme design to comply with EN 12464-1

### Options

- 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

### 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, as Eaton's Caton range part no \_\_\_\_\_

### Catalogue Numbers

Variant	Lumen Output	Wattage	Llm/cW	Cat No	Weight (kg)
3400 lm	3315	33	100.4	CTN625344KZ	5.6
4000 lm	4030	40	100.8	CTN625404KZ	5.6

For DALI Dimming option replace character Z with DD , e.g. CTN625404KZ becomes CTN625404KDD

For further information, contact our Technical Support and Application department on +44 (0) 1302 303240 or email [LightingTechnicalUK@Eaton.com](mailto:LightingTechnicalUK@Eaton.com)

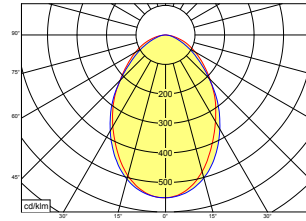
Llm/cW = luminaire lumens per circuit watt

### Accessories

Description	Cat No
CATON 625 BEARER KIT (2 bearer brkts)	CTN625BK

### Photometric Data

Cat No: CTN66404KZ



SHR nom: 1.00  
SHR max: 1.181

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	0.0	0.0	48	57	63	68	74	79	82	86	89
BZ-class			3	3	3	3	3	3	3	3	3

### Dimensions

Product	L (mm)	W (mm)	H (mm)
Caton 625	622	622	90

