

# Cornell 625



Cornell 625 is an exciting new recessed lighting development which breaks the conventional mold. Using innovative materials and geometry, Cornell 625 brings a new approach to office and area lighting design. Its unique Dynamic Aspect™ diffuser system brings life and vitality to every space. With its seemingly 'variable' geometry effect, excellent luminance and glare control compliance, it is now the optimum solution.

Connections are all external, saving valuable time on site and maintaining internal integrity. Cornell 625 is also available with optional side brackets for pull-up applications, making it truly adaptable for a wide range of ceilings.

- Outstanding 'quality of light' optical performance
- Backlit construction for even lighting distribution and thermal efficiency
- High efficacies of up to 114 Llm/cW
- Dynamic Aspect™ diffuser combination may contribute to EN124641 requirements for scheme compliance
- Quick and simple installation with a lay-in or pull up (additional brackets required) solution complete with plug/socket mains and DALI connection
- Close colour tolerance: MacAdam 3 SDCM

### Light Engine and Control Gear Options

- High output, high efficacy LED chip set optimised for recessed panel options
- >80 CRI 4000°K
- Energy efficient fixed output control gear as standard
- Dimming option - DALI

### Materials

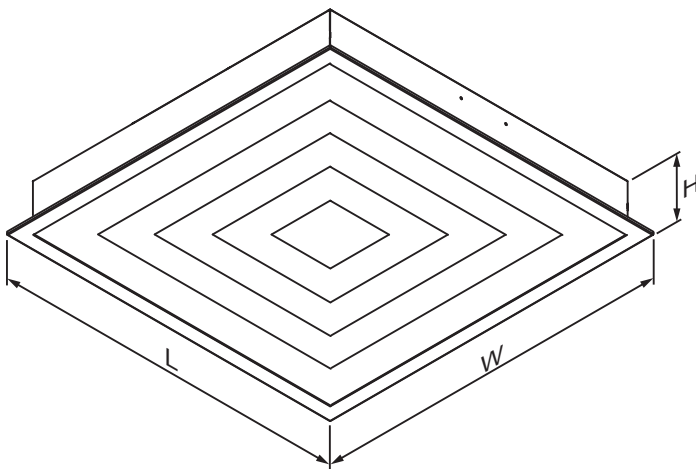
- Body - welded, full box steel construction, powder coated in RAL9016 finish
- Panel optic - Dynamic Aspect™ diffuser combination with 65° cut-off angle characteristics
- Panel frame - monolithic seamless steel construction, powder coated in RAL9016 finish

### Installation Notes

- Suitable for exposed 'T' and some "half tee" metal pan ceilings
- Order side support bracket set for 'draw up' applications (ordered separately) CNL625BK
- Rear socket and plug (included) for rapid installation
- May aid lighting scheme design to comply with EN 12464-1

### Dimensions

Product	L (mm)	W (mm)	H (mm)
Cornell 625	622	622	92



### Options

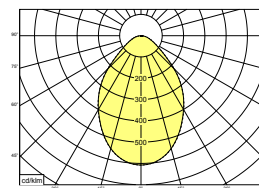
- We offer a range of product support contracts to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

### Specification

To specify state: Recessed back-lit LED luminaire, of full box welded construction with post coat powder paint, RAL9016 finish, for lay-in installations, with Dynamic Aspect™ diffuser and high efficiency LED modules, as Eaton's Cornell range part no

### Photometric Data

Cat. No: CNL625344KZ



LO 3525 lm  
SHR nom: 1.00  
SHR max: 1.183

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	66	76	82	87	93	97	100	104	106
0.7	0.3	0.2	60	70	76	81	88	93	96	100	103
0.7	0.1	0.2	55	65	72	77	84	89	93	98	101
0.5	0.5	0.2	65	74	80	84	90	94	97	100	102
0.5	0.3	0.2	59	69	75	80	86	90	93	97	100
0.5	0.1	0.2	55	64	71	76	82	87	90	95	98
0.3	0.5	0.2	64	72	78	82	87	91	93	96	98
0.3	0.3	0.2	58	67	74	78	84	88	91	94	96
0.3	0.1	0.2	54	64	70	74	81	85	88	92	95
0.0	0.0	0.0	52	61	67	72	78	81	84	88	90
BZ-class	2	2	3	3	3	3	2	3	3	3	3

### Catalogue Numbers

Variant	Lumen		Wattage (w)	Llm/cW	Cat No	Weight (kg)
	Output					
3400 lm	3376		29.4	114.8	CNL625344KZ	5.1
4400 lm	4337		39.6	109.5	CNL625444KZ	5.1

For DALI Dimming option replace character Z with DD, e.g. CNL625344KZ becomes CNL625344KDD

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
CORNELL 625 BEARER KIT (2 bearer brkts)	CNL625BK