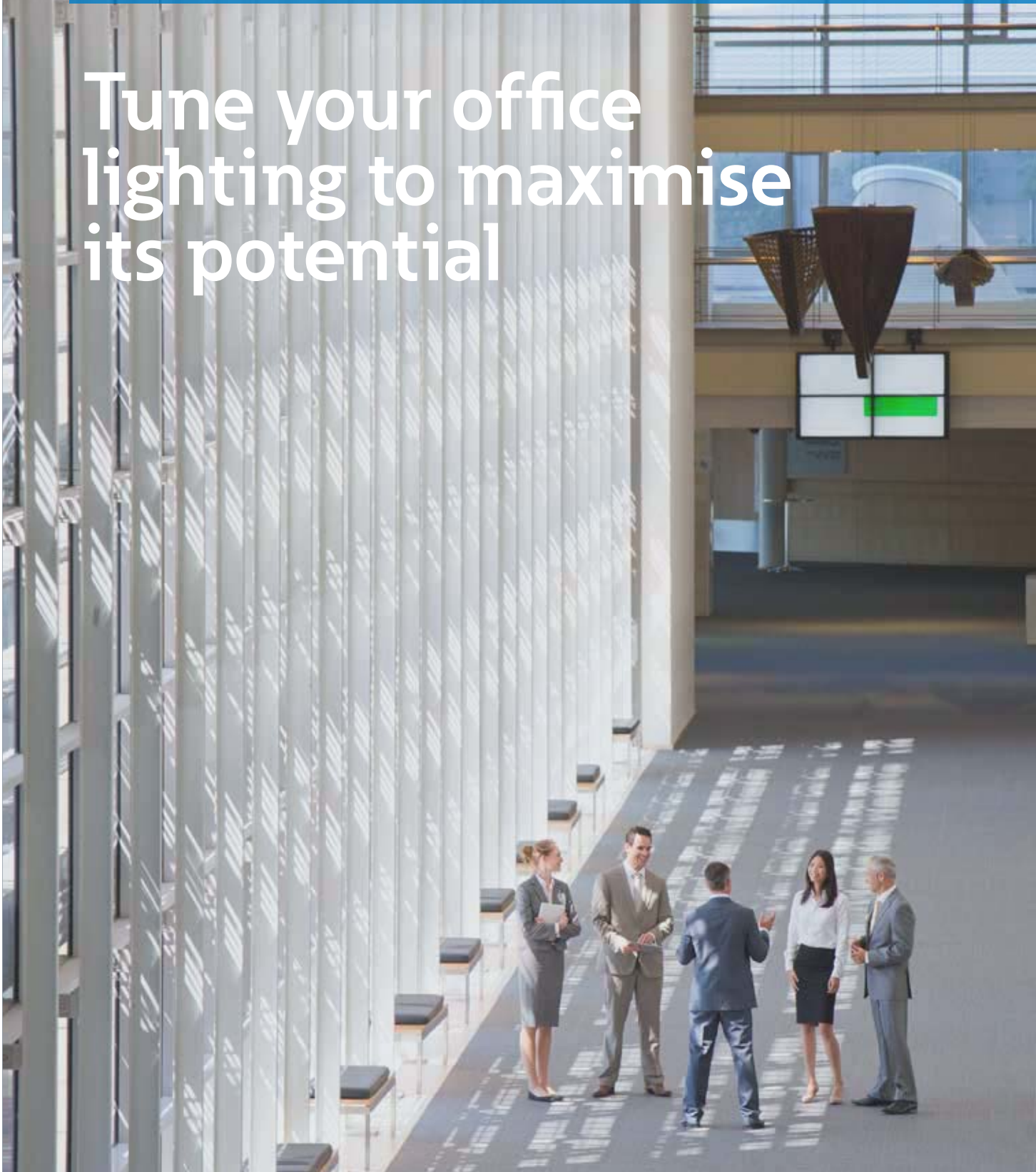


Commercial office LED lighting
Small and large commercial environments

Tune your office lighting to maximise its potential



EATON

Powering Business Worldwide



Energizing a world that demands more.

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Powering business worldwide

As a global power management company, we help customers worldwide manage the power needed for buildings, aircraft, trucks, cars, machinery and businesses.

Eaton's innovative technologies help customers manage electrical, hydraulic and mechanical power more reliably, efficiently, safely and sustainably.



Powering Business Worldwide



We deliver:

- **Electrical solutions** that use less energy, improve power reliability and make the places we live and work safer and more comfortable
- **Hydraulic and electrical solutions** that enable machines to deliver more productivity without wasting power
- **Aerospace solutions** that make aircraft lighter, safer and less costly to operate, and help airports operate more efficiently
- **Vehicle drivetrain and powertrain solutions** that deliver more power to cars, trucks and buses, while reducing fuel consumption and emissions

We provide integrated solutions that help make energy, in all its forms, more practical and accessible.

With 2014 sales of \$22.6 billion, Eaton has approximately 100,000 employees around the world and sells products in more than 175 countries.



Eaton's electrical business

Eaton is a global leader with expertise in:

- Power distribution and circuit protection
- Backup power protection
- Solutions for harsh and hazardous environments
- Lighting and security
- Structural solutions and wiring devices
- Control and automation
- Engineering services

Eaton is positioned through its global solutions to answer today's most critical electrical power management challenges. With 100 years of electrical experience behind us, we're energized by the challenge of powering up a world that demands twice as much energy as today. We're anticipating needs, engineering products and creating solutions to energize our markets today and in the future.

We are dedicated to ensuring that reliable, efficient and safe power is available when it's needed most.

Eaton.com



Designed-in compliance

Designing with Eaton recessed luminaires opens up a number of possibilities for diverse solutions. In typical Commercial Office applications, a user defined brief can be easily accommodated.

Visual communication is vital to the efficient and cohesive aspects of a Commercial Office environment. This is recognised in many lighting design guides. Good recognition and interaction with a person in that space increases productivity amongst workers.

High levels of cylindrical illumination is seen as a key marker towards achieving this. The examples below show how Cornell 625 can help deliver class leading lighting design performance.

Spacing Model

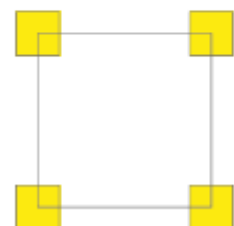
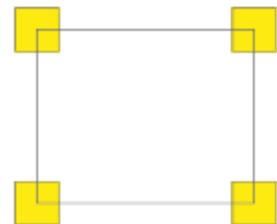
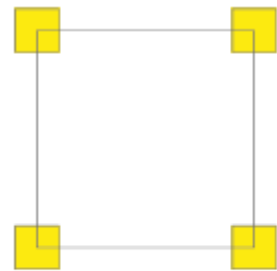
3.0 x 3.0M	CNL625444KZ
Average illuminance	450 lux
Cylindrical illuminance	181 lux
Modelling index	0.4

Spacing Model

2.4 x 3.0M	CNL625444KZ
Average illuminance	500 lux
Cylindrical illuminance	203 lux
Modelling index	0.4

Spacing Model

2.4 x 2.4M	CNL625334KZ
Average illuminance	550 lux
Cylindrical illuminance	210 lux
Modelling index	0.38



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

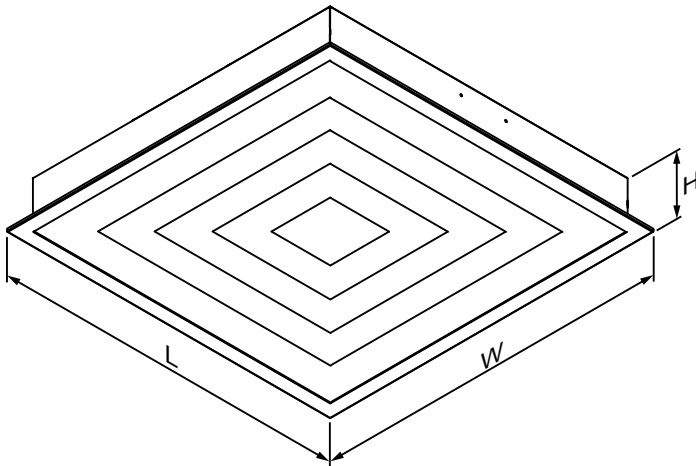
- Body - welded, full box steel construction, powder coated in RAL9016 finish
- Panel optic - Dynamic Aspect™ diffuser combination with 65° cut-off angle characteristics
- Panel frame - monolithic seamless steel construction, powder coated in RAL9016 finish

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



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

Llm/cW = luminaire lumens per circuit watt

Accessories

Description	Cat No
CORNELL 625 BEARER KIT (2 bearer brkts)	CNL625BK

Options

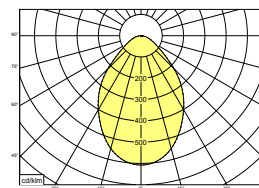
- We offer a range of product support contracts to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

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	2	3	3	3

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

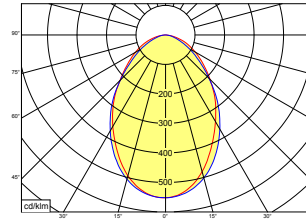
Llm/cW = luminaire lumens per circuit watt

Accessories

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

Photometric Data

Cat No: CTN66404KZ



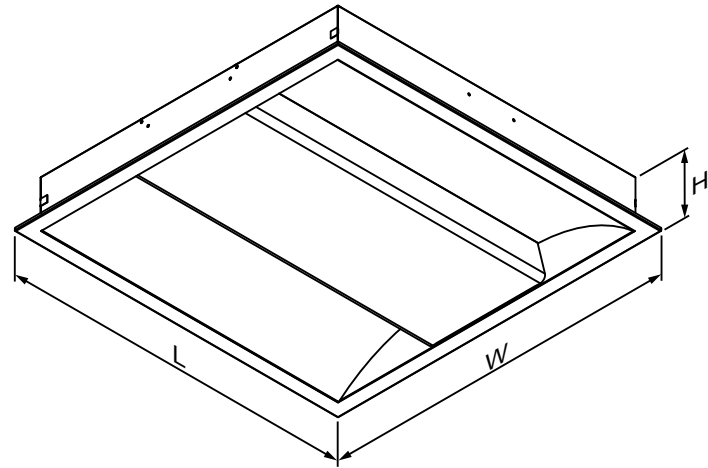
SHR nom: 1.00
SHR max: 1.181

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



Taliska P 625



Taliska P 625 brings together clean aesthetics with compliance enhancing features. The optical design and materials are a key feature to its appeal.

Designed with a Microprism and dispersal diffuser combination, luminance and glare limits required in office and other applications may be realised. Taliska P 625 offers a very versatile solution to many lighting applications

Simple installation is a key benefit thanks to the side mounted plug and socket arrangement. Connections are all external, saving valuable time on site and maintaining internal integrity. Taliska P 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 103 Llm/cW
- Microprism and dispersal 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

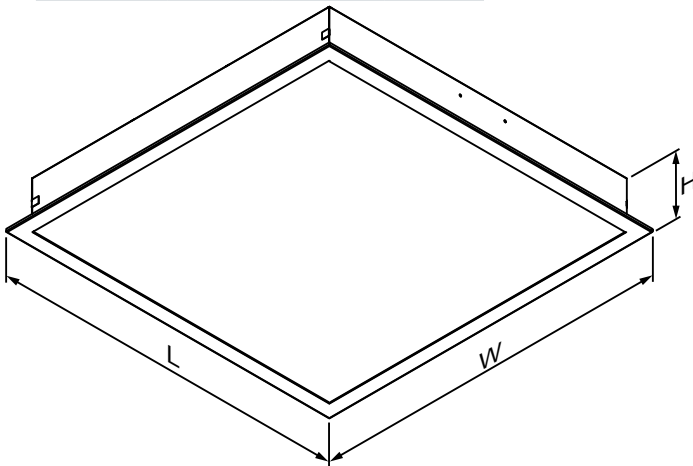
- Body - welded, full box steel construction, powder coated in RAL9016 finish
- Panel optic – acrylic microprism and dispersal diffuser combination with 65° cut-off angle characteristics
- Panel frame – monolithic seamless steel construction, powder coated in RAL9016 finish

Installation Notes

- Suitable for exposed 'T' and some "half tee" metal pan ceilings
- Order side support bracket set for 'draw up' applications (**ordered separately**) TALP625BK
- Rear socket and plug (included) for rapid installation
- May aid lighting scheme design to comply with BS EN 12464-1

Dimensions

Product	L (mm)	W (mm)	H (mm)
Taliska P 625	622	622	92



Catalogue Numbers

Variant	Lumen		Wattage (w)	Llm/cW	Cat No	Weight (kg)
	Output					
2400 lm	2428		23.6	102.8	TALP625244KZ	5.1
3400 lm	3355		33.9	98.7	TALP625344KZ	5.1
4200 lm	4231		45.3	95.1	TALP625424KZ	5.1

For DALI Dimming option replace character Z with DD, e.g. TALP625244KZ becomes TALP625244KDD

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

Llm/cW = luminaire lumens per circuit watt

Accessories

Description	Cat No
TALISKA P 625 BEARER KIT (2 bearer brkts)	TAL625BK

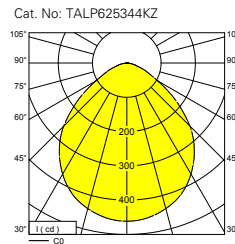
Options

- 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 acrylic microprism and dispersal diffuser combination and high efficiency LED modules as Eaton's Taliska P range part no _____

Photometric Data



LO 3355 lm
SHR nom: 1.50
SHR max: 1.53

			Utilisation factors / TM5								
Reflectances			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
70	50	20	70	78	84	88	94	98	101	104	107
70	30	20	63	71	78	83	90	94	97	101	104
70	10	20	59	67	74	79	86	90	94	98	102
50	50	20	68	76	82	86	91	95	97	101	103
50	30	20	62	70	77	81	87	91	94	98	100
50	10	20	58	66	73	77	84	88	91	96	98
30	50	20	67	74	80	84	89	92	94	97	99
30	30	20	62	69	75	80	85	89	91	95	97
30	10	20	58	65	72	76	82	86	89	93	95
0	0	0	56	63	69	74	79	83	85	89	91
BZ-class			2	2	2	2	2	2	2	2	2

VersaPanel 625



The VersaPanel 625 is a high performance IP44 LED flat panel luminaire that offers significant energy and maintenance savings.

Sleek minimalist design, the VersaPanel is a direct equivalent to a traditional fluorescent solution with reduced energy consumption.

Suitable for a wide range of applications where a cost effective slim line lay-in solution is desired.

- Even lit appearance
- Easy to clean IP44 wipeable surface
- 3400 nominal lumen output
- 4000K colour temperature options
- Simple installation, low profile lay-in solution with plug/socket driver connection
- Efficacy of 93 Llm/cW
- ENEC driver, DALI option

Light Engine and Control Gear Options

- 4000K high output, high efficiency optimised LED panel illumination, >80CRI
- Fixed output LED driver (ENEC) as standard

Materials

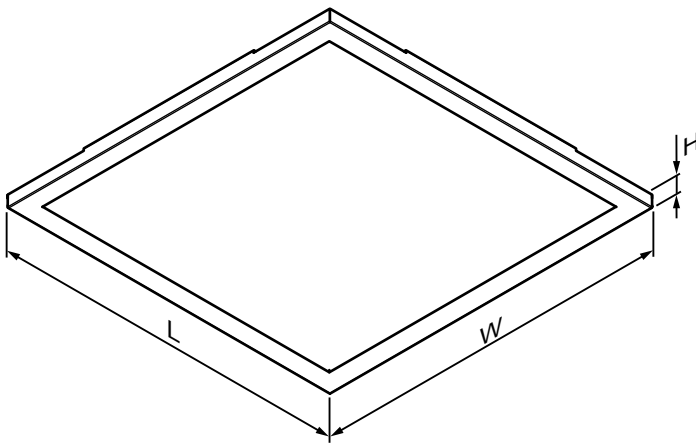
- Housing back plate – steel
- Panel frame – extruded aluminium / steel in white finish
- Panel optic – polystyrene

Installation Notes

- Suitable for exposed 'T' ceilings, lay-in installation
- Remote driver on plug and socket connection
- Mains connection is direct to the driver as standard
- The luminaire panels are IP44 rated. Please note the driver and gearbox are IP20 rated

Dimensions - LED Panel

Product	L (mm)	W (mm)	H (mm)
VersaPanel 625	622	622	14



Catalogue Numbers

Cat No	Description	Nominal Lumens	Max Wattage (W)	Lumen output	Efficiency (Lm/cW)	Colour Temperature °K	Weight (Kg)	Power Factor
VST625344KZ	VersaPanel 625 3400lm 4000K	3400	36	3350	93	4000K	3.7	>.95

For DALI option replace characters KZ with DD example VST625344KZ becomes VST625344DD

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

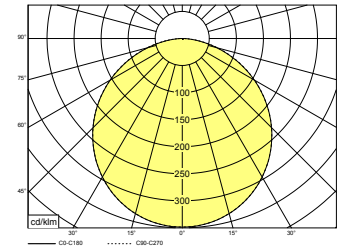
Lm/cW = luminaire lumens per circuit watt

Specification

To specify state; Flat panel edge lit LED, IP44 rated, with diffuse opal panel, extruded aluminium in white finish, plug/socket connection mains to ENEC driver (IP20) as Eaton's VersaPanel 625 range, part no _____

Photometric Data

Cat. No: VST625344KZ



LOR 100%
DLOR 100%
ULOR 0%
SHR max 1:1.46
SHR nom 1-1.25

Utilisation factors / TM5

Reflectances			Room index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	56	67	74	79	87	92	95	100	103
0.7	0.3	0.2	48	59	66	72	80	86	90	96	99
0.7	0.1	0.2	42	53	61	67	75	81	86	92	96
0.5	0.5	0.2	54	64	71	77	84	88	92	96	99
0.5	0.3	0.2	47	58	65	70	78	84	87	92	96
0.5	0.1	0.2	42	52	60	66	74	79	84	89	93
0.3	0.5	0.2	53	63	69	74	81	85	88	92	95
0.3	0.3	0.2	47	57	64	69	76	81	85	89	92
0.3	0.1	0.2	42	52	59	65	72	78	82	87	90
0	0	0	40	49	56	61	69	74	78	82	86
BZ-class			5	5	5	5	5	5	5	5	5





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