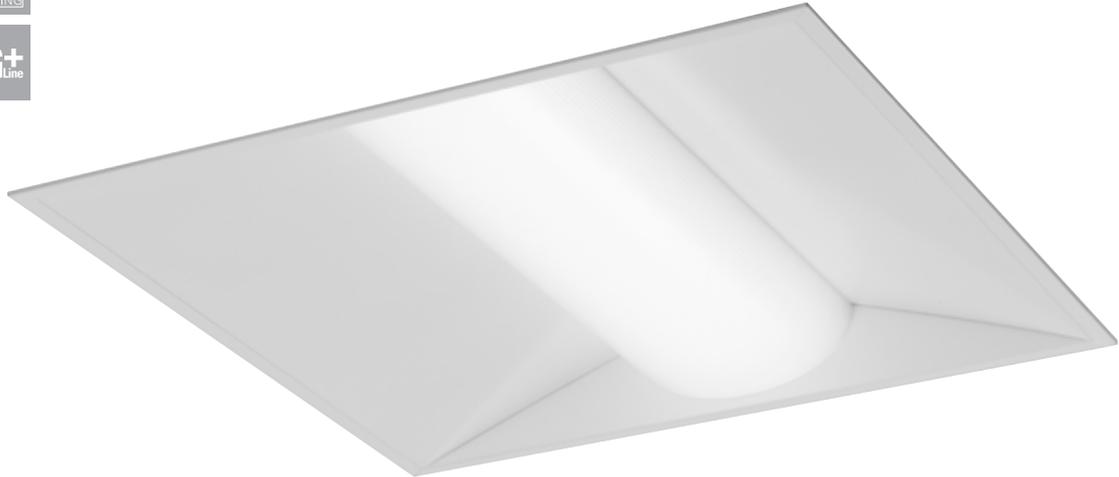


# Rengo



Rengo provides a modern architectural contoured appearance, providing a striking modular fixture and building depth into Eaton's recessed offering.

Class leading efficacy performance levels are displayed, with performance figures reaching 120Llm/cW, making this a very attractive proposition in today's market to meet the demanding energy saving targets many customers are specifying to.

With the excellent distribution of light from the bespoke diffuser, and outputs ranging from 2500 - 7200; these products can service a wide range of end users from commercial office buildings up to high output retail applications.

- High efficacies of up to 120 Llm/cW
- Close colour tolerance: MacAdam 3 SDCM
- Excellent light transmission & LED source obscurity via the bespoke diffuser
- Fully integral LED emergency, powered via main LED strip
- Ceiling depth: 80mm
- Quick and simple installation with lay-in and draw up option
- High energy efficiency and optical performance delivers ECA compliant variants and reduced cost of ownership

### Light Engine and Control Gear Options

- High Output, high efficacy LED chip set optimised for recessed panel options
- Energy efficient fixed output control gear as standard
- Dimming option - DALI

### Materials

- Body - Full steel box construction powder coated in RAL9016 finish
- Diffuser - Polycarbonate

### Installation Notes

- Suitable for exposed 'T' ceilings, concealed fix
- Order side support arms for 'draw up' applications (ordered separately) e.g. MSBKX bearer bracket (external fixing access required)
- Standard bearer arms accommodate 20mm to 62mm supporting grid heights
- Refer to technical support for further information on bracket options and ceiling compatibility
- Side cat flap for ease of access to electrical terminations for rapid installation
- Terminal block with 2 x 2.5mm<sup>2</sup> cable capacity
- Fused as standard
- May aid lighting scheme design to comply with BS EN 12464-1 - refer to lighting design guide on page 468

### Options

- Fully integral LED emergency conversion, 3 hour duration
- CG Line+ self-test emergency versions available, reducing maintenance costs and offering ease of compliance with testing requirements

### Catalogue Numbers

Variant	Cat No	Lumen Output (lm)	Wattage (W)	Efficacy (Llm/ cW)	Weight (kg)	Emergency Cat No	Weight (kg)
Standard 2500	REN66254KZ	2715	23.9	113.6	4.09	ELREN66254KZ	4.79
Standard 3300	REN66334KZ	3431	31.9	107.4	4.09	ELREN66334KZ	4.79
Standard 4500	REN66454KZ	4572	38.3	119.5	4.09	ELREN66454KZ	4.79
Standard 6000	REN66604KZ	6121	54.7	112	4.09	ELREN66604KZ	4.79
Standard 7200	REN66724KZ	7270	69.4	104.8	4.09	ELREN66724KZ	4.79

For DALI Dimming option replace character Z with DD , e.g. REN66254KZ becomes REN66254KDD

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](mailto:LightingTechnicalUK@Eaton.com)

Llm/cW = luminaire lumens per circuit watt

### Accessories

Description	Cat No
Draw-up - External fix side support arms	MSBKX

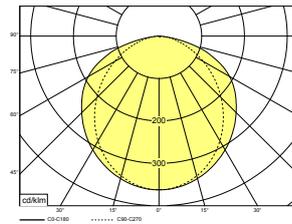
For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/Rengo.html>

### Specification

To specify state: Recessed aesthetic profile LED luminaire, of full box welded construction with post coat powder paint, RAL9016 finish, for lay-in and draw up installations, with UV stabilised polycarbonate diffuser and high efficiency LED modules, Eaton's Rengo range part no \_\_\_\_\_

### Photometric Data

Cat. No: REN66254KZ



LOR 100%  
DLOR 100%  
ULOR 0%  
SHR Nom 1:1.25  
SHR Max 1:1.42

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	57	67	74	80	87	92	96	100	103
0.7	0.3	0.2	49	59	67	73	81	86	91	96	100
0.7	0.1	0.2	43	53	61	67	76	82	86	92	97
0.5	0.5	0.2	55	65	72	77	84	89	92	96	99
0.5	0.3	0.2	48	58	65	71	79	84	88	93	96
0.5	0.1	0.2	43	53	60	66	74	80	84	90	93
0.3	0.5	0.2	53	63	70	74	81	85	89	93	95
0.3	0.3	0.2	47	57	64	69	76	81	85	90	93
0.3	0.1	0.2	42	52	59	65	73	78	82	87	91
0	0	0	40	50	57	62	69	74	78	83	86
BZ-class			5	5	5	5	5	5	5	4	4

See page 468 for design guide

### Dimensions

All dimensions in mm

