

**"Lumen maintenance 60%
better than a 2D. 80% at
8,000 hours."**

**"Over 70% more
efficient than many opal
2D types."**

**"47 ll/cw with
SI controller"**

**"53 ll/cw with
PK controller"**

**"Utilises
circular T5
lamps"**

RZ430 - Wall & Ceiling Range

*"The RZ430 with its 40W T5 lamp and SI controller is **over 70% more efficient** than a 38W 2D with traditional opal diffuser and **twice as efficient** as another manufacturer's 'High Output' version."*

'SI' Diffuser Comparison Table

The SI diffuser is a modern alternative to Opal due to its visual appeal combined with excellent LOR and glare control.

	SI Diffuser	Opal Diffuser	Competitors 525mm "High Output" version
Lamp:	1 x 40W T5 C	1 x 38W 2D	2 x 36W TCF
LOR	61%	38%	29%
Circuit Watts	43W	39.7W	72.5W
Lumen Output	3300	2850	5600
Lumens c/w	76	72	77
LEF	47	26	22.5
L2 Compliance	Compliant	Not Compliant*	Not Compliant*
Lumens Emitted	2013	1055	1624
80% Lamp Lumen Maintenance	At 8,000 hours, 80% output.	At 5,000 hours, 80% output.	At 10,000 hours, 80% output.

*The lack of L2 compliance does not prohibit the use of this type of fitting where the average of 45 ll/cw is met.



SI diffuser with white body.
(Supplied as standard)



Angled White bezel. /AW



Angled Chrome bezel. /AC



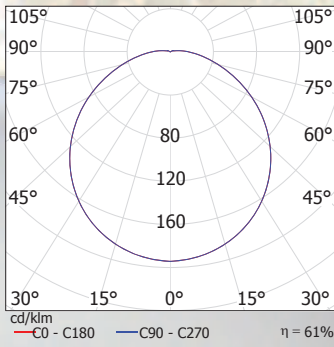
Rolled White. /RW



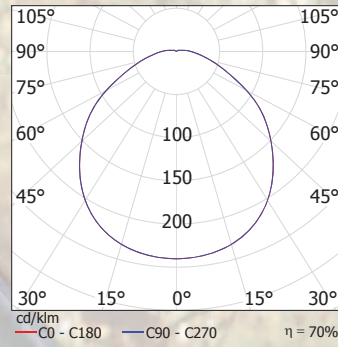
Rolled bezel
with special order
metallic silver bezel.

Polar Curves

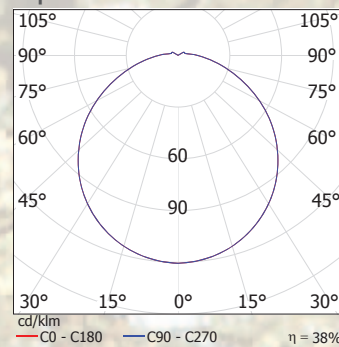
SI Diffuser



PK Diffuser



Opal Diffuser



RZ with high LOR
PK controller. /PK

How this efficiency translates to real world savings

A 12 metre corridor x 1.5m wide x 2.7m high.
Calculations measures on the floor with no wall zone.

	RZ430/SI	Typical 38W 2D luminaire with Opal diffuser
Quantity	5 (3EM)	9 (3EM)
Lux Level	158	162
Energy in W/m ²	11.94	19.85
W/m ² per 100 lux	7.5	12.22

The Result

45% less fittings
45% less installation costs
38% less energy consumption
and **3,000 hours longer** maintained lamp life.

*"With **energy savings** like this, would your client want you to specify anything else?"*

Special Ceiling Bezel



Special ceiling bezel to stop luminaire edges being accessible and minimise the likelihood of luminaire being pulled from the ceiling. /CC



Big White bezel. /BW



Big Chrome bezel. /BC

RZ430

Description

A modern wall or ceiling mounted luminaire. Either as a basic fitting or with bezel attachments to enhance styling.

Standard

Standard luminaire is solid white unless otherwise specified, can be used with bezels and emits some backlight. For full backlight please specify clear bezel. /CL



Lamp

Power:
1 x 40W TL5 C

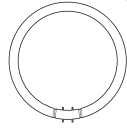
Lumen Output:
3300 @ 25°C

Lumen Efficiency:
76 lm/w

Colour Options:

- 3000K
- 4000K

Lumen Maintenance:
Lamp output after 2 years based on 11 hours per day (8,000 hours) = 80%



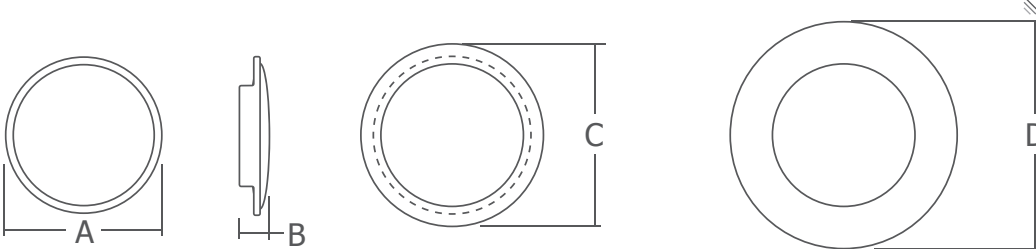
Construction

The base is made of highly durable Tp(a) compliant polycarbonate. The diffusers are also Tp(a) rated.

Control Gear

High Frequency fixed output as standard but DSI, DALI and 1-10V ballasts are available.

Dimensions



Standard Fitting

A: Fitting Ø 430mm
B: Fitting Depth 110mm

Small Bezel Options

C: Angled 460mm
Rolled 490mm

Big Bezel Option

D: Big 520mm

Mounting

Fitting can be either wall or ceiling mounted. BESA fixings or side conduit knockouts are possible. Fitting can accommodate conduit fixings even with additional bezels.

Emergency

Independently tested to ensure temperature compliance of batteries, ballast and inverter. All measured temperatures are within component limits.

Emergency Options:

- BLF 6% 5 cell battery - Standard on 3M
- BLF 8% 6 cell battery - Standard on Self Test

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sales@lumitron.co.uk

Ordering

Standard Fitting:

The RZ as standard is finished in solid white with High Frequency control gear for 1 x 40W T5 circular lamp.

RZ430/140T5C/HF/WH

To alter or add items please see tables below:

Lamp	Reference
40W TL5 3000K	/WL830
40W TL5 4000K	/WL840

Control Gear	Reference
High Frequency	/HF
HF DALI Dimming	/HFDAL
HF digital Dimming	/HFDIG
1-10V Dimming	/HFDIM

Diffuser	Reference
Satine Diffuser	/SI
Prismatic Diffuser	/PK
Opal Diffuser	/OP

Bezel	Reference
Rolled White	/RW
Rolled Chrome	/RC
Angled White	/AW
Angled Chrome	/AC
Big White	/BW
Big Chrome	/BC

Non standard colour finish available on any bezel. Please contact sales.

Backlight	Reference
Clear	/CL
Green	/GR
Red	/RE
Blue	/BL

Emergency	Reference
3 Hour	/3M
3 Hour self test	/3STM

Specify Example:

To specify an RZ luminaire:

RZ430/140T5C

To add: 1-10V Dimming (/HFDIM)
SI Controller (/SI)
Angled Chrome (/AC)
3 Hour EM (/3M)
840 Colour Lamp (/WL840)

Would result in order code:
RZ430/140T5C/HFDIM/SI/AC/3M/
WL840

Clear.



Green.



Red.



Blue.

