The RXS Trimless Gimbal is the latest addition to the popular RXS architectural downlight family.

Integrating the latest multi-die LED chip technology and offered with both a trimless gimbal and sleek trimmed fixed bezel, this exceptional new product also boasts a choice of fixed output and dimmable control gear, 3 beam angle options and 3000K or 4000K colour temperatures.

A key benefit is the first fix plaster-in bezel allows the control gear and head unit to be accessed and removed if required for maintenence or redecoration.

The gimbal function of the standard luminaire head allows a class leading 30 degree tilt in all directions and the machined decorative bezel can be customised to add a unique aesthetic or function to suit a variety of applications.

- Low profile housing for low ceiling voids
- Efficient thermal management maximises LED output, efficacy and life
- Pre-wired driver connection for rapid installation
- Available with fixed output, 1-10V, DALI or Phase dimmable control gear to maximise energy saving
- 3000K and 4000K colour temperature options, all >80 CRI
- Contemporary minimalist aesthetic with simple twist lock action to retain the head into the first fix bezel minimalising installation time
- Luminaire head and control gear assembly are easily removed from the first fix trimless bezel for ease of maintenance and redecoration

Lamp and Control Gear Options

- Multi-die LED technology
- 3 step MacAdam elipse
- 3000°K warm white or 4000°K neutral white, >80 CRI
- Range of 350mA driver options
- Dimming options include 1-10V, DALI and Phase-dim

Materials

- Heatsink - die-cast aluminium with polycarbonate cable clamp black finish
- Ceiling clips - spring steel
- First fix bezel - injection moulded polycarbonate black finish
- Decorative front bezel - die-cast aluminium, silver or white finish
- Reflector - high grade anodised aluminium

Options

- 3 beam angle options: 61°, 54° and 31°
- Colour temperature choice; 3000°K and 4000°K
- Decorative feature bezel can be tailored to project requirements. Options include: Haloglass, 'deep front' recessed optic, kick reflector and 'letterbox' features. Refer to example images
- Decorative bezel available in silver or white finish
- Slim line minimal trim fixed bezel option available with simple spring clip retention in white or silver finish
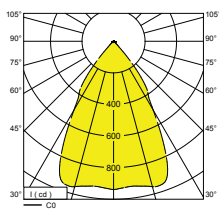
Installation Notes

- Shallow profile to suit low ceiling voids, allow minimum 100mm clearance around and 35mm above the luminaire for adequate ventilation and air flow. Do not cover with insulation
- Pre-wired driver for rapid installation
- Luminaire head located into the first fix bezel with a simple twist lock action - installed using the insertion tool provided
- Luminaire head is easily removed from first fix trimless bezel for ease of maintenance and redecoration
- Check orientation of the first fix bezel suits the tilt function of the chosen feature bezel
- Haloglass and 'deep front' option are locked in the vertical position as standard
- Kick reflector option has full 30° rotation on top spider only
- 'Letterbox' and standard bezel have full 30° rotation in all directions
- First fix bezel is secured with spring clips, first fix plasterboard adhesive is recommended prior to the plaster skim being applied
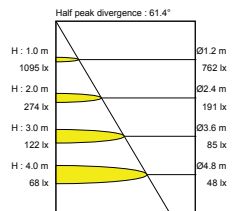- First fix bezel is suitable for up to 25mm ceiling depths

Specification

To specify state: Multi-die LED architectural downlight with trimless first fix bezel and gimble action/slimline fixed bezel, 3000°K/4000°K CCT, 61/54/31 degree beam angle with silver/white machined feature bezel as Eaton's RXS Trimless Gimbal, part no._____
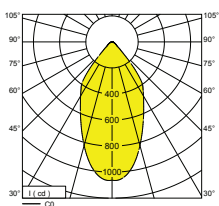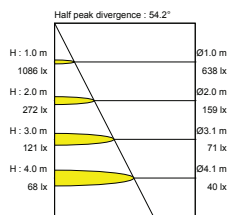
Photometric Data
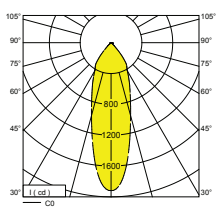

Cat. No. RXS1M-1TG4KWZ
RXS Trimless Gimbal - Wide

Half peak divergence : 61.4°

H : 1.0 m	1095 lx	Ø1.2 m	762 lx
H : 2.0 m	274 lx	Ø2.4 m	191 lx
H : 3.0 m	122 lx	Ø3.6 m	85 lx
H : 4.0 m	68 lx	Ø4.8 m	48 lx

Cat. No. RXS1M-1TG4KWZ
RXS Trimless Gimbal - Wide

Cat. No. RXS1M-1TG4KMZ
RXS Trimless Gimbal - Medium

Half peak divergence : 54.2°

H : 1.0 m	1086 lx	Ø1.0 m	638 lx
H : 2.0 m	272 lx	Ø2.0 m	159 lx
H : 3.0 m	121 lx	Ø3.1 m	71 lx
H : 4.0 m	68 lx	Ø4.1 m	40 lx

Cat. No. RXS1M-1TG4KMZ
RXS Trimless Gimbal - Medium

Cat. No. RXS1M-1TG4KNZ
RXS Trimless Gimbal - Narrow

Half peak divergence : 30.8°

H : 1.0 m	2100 lx	Ø0.6 m	1388 lx
H : 2.0 m	525 lx	Ø1.1 m	347 lx
H : 3.0 m	233 lx	Ø1.7 m	154 lx
H : 4.0 m	131 lx	Ø2.2 m	87 lx
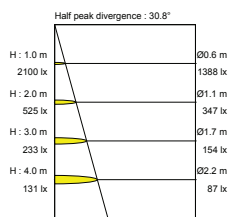
Cat. No. RXS1M-1TG4KNZ
RXS Trimless Gimbal - Narrow

Dimensions

Trimless Gimbal

112mm Deep front = 132mm

ø 30mm

132mm
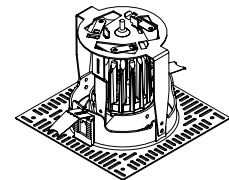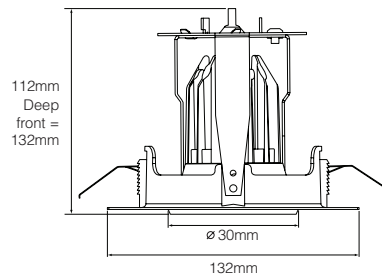
Min: 102mm
Max: 105mm

Slimline Fixed Bezel

82mm

80mm

65mm

ø 75mm

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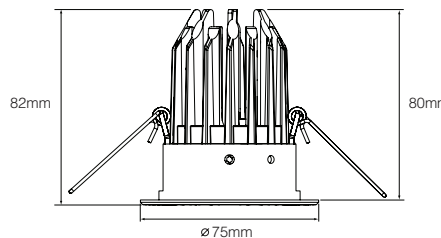
Downlights & Spotlights
RXS Trimless Gimbal

Installation Sequence

1. Obtain first fix items only

2. Cut aperture, insert first fix bezel and feed cable
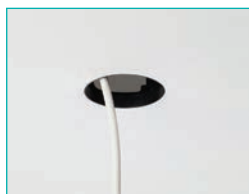

3. Secure first fix bezel with 2 clips provided

4. Apply plasterboard first fix adhesive. Allow to dry

5. Apply plaster skim

6. Trim aperture of excess plaster. Paint as required

7. Obtain luminaire and control gear

8. Connect control gear and feed through bezel
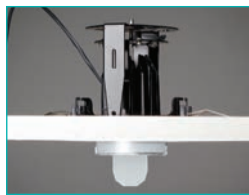

9. Form insertion tool as shown

10. Align slots in both frames

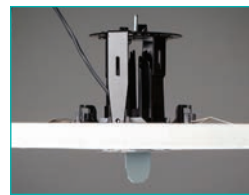11. Push luminaire head up - keep alignment

12. Head guide pins will touch the upper frame

13. Rotate head clockwise to engage guide pins

14. Head now flush with ceiling after rotation

15. Resistance felt from spring clips

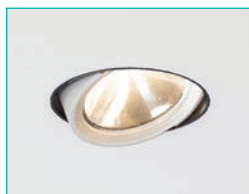16. Rotate further to engage 3 x spring clips

17. Final rotation

18. Spring clips engaged

19. Finished vertical position - tool removed

20. Tilt as required

21. Check product operation

Luminaire Options

Standard Bezel	Haloglass	Letterbox	Kick Reflector	Deep Front Bezel

Catalogue Numbers

Part Number	Beam Angle	Lumen Output (lm)	Wattage (w)	Luminaire Efficacy (Llm/cW)	Weight (kg)
Trimless Gimbal (silver bezel finish)					
RXS1M-1TGS3KWZ	Wide (61°)	1061	16	66.3	0.41
RXS1M-1TGS4KWZ	Wide (61°)	1167	16	72.9	0.41
RXS1M-1TGS3KMZ	Medium (54°)	947	16	59.2	0.41
RXS1M-1TGS4KMZ	Medium (54°)	1023	16	63.9	0.41
RXS1M-1TGS3KNZ	Narrow (31°)	1014	16	63.3	0.41
RXS1M-1TGS4KNZ	Narrow (31°)	1095	16	68.4	0.41
First Fixed Bezel (white bezel finish)					
RXS1M-1FTBW3KWZ	Wide (61°)	1061	16	66.3	0.36
RXS1M-1FTBW4KWZ	Wide (61°)	1167	16	72.9	0.36
RXS1M-1FTBW3KMZ	Medium (54°)	947	16	59.2	0.36
RXS1M-1FTBW4KMZ	Medium (54°)	1023	16	63.9	0.36
RXS1M-1FTBW3KNZ	Narrow (31°)	1014	16	63.3	0.36
RXS1M-1FTBW4KNZ	Narrow (31°)	1095	16	68.4	0.36

For the bezel finish the character after the TG or FTB is S for Silver or W for White

For DALI control gear options replace the Z suffix with **DD** in the part code; eg. RXS1M-1TGSKWZ becomes RXS1M-1TGS3KW**DD**

For 1-10V control gear options replace the Z suffix with **R** in the part code; eg. RXS1M-1TGS3KWZ becomes RXS1M-1TGS3KW**R**

For Phase-Dim control gear options replace the Z suffix with ZD in the part code; eg. RXS1M-1TGSKWZ becomes RXS1M-1TGS3KW**ZD**

Decorative bezel options for the trimless plasterboard option, replace 'TG' with: Haloglass = **TGH**, Letterbox = **TGL**, Kick Reflector = **TGK**, Deep Front = **TGD**

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