

Bijou / Bijou LED

3



IP54



Bijou IP54 is a decorative low profile surface luminaire using low energy compact fluorescent lamps and LED technology. Supplied complete with a white bezel as standard the aesthetics can be further enhanced using optional bezels in a variety of finishes. The base and diffuser are both manufactured from a grade of polycarbonate that meets the emergency glow wire test. This means that versions available as 3 hour maintained emergency options are ideal for both open areas and defined escape routes. The diffuser is attached using a twist and lock type action onto an internal gasket which gives an IP54 rating and this secure fixing has the additional benefit of making the luminaire suitable for wall and ceiling mounting.

- Decorative low profile luminaire c/w white bezel as standard
- Optional bezels in polished chrome, polished brass or satin silver finish
- Can be wall or ceiling mounted
- IP54 rated with a high protection to solid objects and wet conditions
- Twist and lock diffuser offers tool free lamp replacement
- Fully integral emergency option
- Supplied with lamp (2D)
- LED version for a high efficacy, low maintenance option
- LED life 35,000 hours to L70

Lamp Options

- 16W, 28W and 38W 2D compact fluorescent 3500°K - GR10q-cap
- 14W LED 4000°K

**Materials**

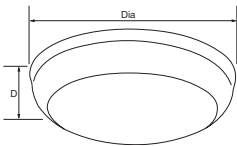
- Base, diffuser and bezel - injection moulded fire retardant polycarbonate

Installation Notes

- Suitable for direct fix onto normally flammable surfaces
- The twist and lock diffuser allows for a tool free lamp replacement making maintenance straightforward
- Supplied with lamp

Options

- High frequency control gear as standard
- Fully integral emergency conversion, 3 hour duration
- Supplied complete with white bezel as standard
- Major and minor sizes are available to best suit lamp types which range from 16W to 38W 2D
- Polished brass, polished chrome and satin silver finish bezels as accessory

Dimensions

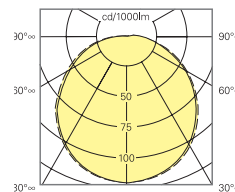
Lamp Type	Dia (mm)	D (mm)
1x16W 2D	275	82
1x28W 2D	335	107
1x38W 2D	335	107
1x28W 2D	335	107
LED	335	107
Small Bezel	275	53
Small Bezel	275	53
Small Bezel	275	53
Large Bezel	335	57
Large Bezel	335	57
Large Bezel	335	57

Specification

To specify state : Low profile compact fluorescent/LED luminaire for ceiling or wall surface mounting with integral emergency option. IP54 rated with injection moulded polycarbonate opal diffuser and housing and a range of coloured accessory bezels, as Bijou IP54 range, part no _____

Photometric Data

Cat. No. BJ28Z



LOR: 0.38
ULOR: 0.01
DLOR: 0.37
SHR nom: 1.50
SHR max: 1.62

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	
70	50	20	22	25	2	29	32	34	35	37	38	
	30		19	22	25	27	30	32	33	35	37	
	10		17	19	22	24	28	30	31	34	35	
50	50	20	21	24	26	28	31	32	34	35	36	
	30		18	21	24	26	29	30	32	43	35	
	10		16	19	22	24	27	29	31	32	34	
30	50	20	20	23	25	25	28	29	31	32	34	
	30		18	21	23	25	28	29	31	32	34	
	10		16	19	22	23	26	28	29	31	33	
0	0	0	15	18	20	22	25	26	28	29	31	
BZ-class			5	5	5	5	5	5	5	5	5	

See page 532 for design guide

Polished brass



Satin silver



Polished chrome

**Catalogue Numbers**

Lamp Type	Size Dia (mm)	Cat No	Emergency Cat No	Gear Type	Colour	Weight (kg)
1 x 16W 2D	275	BJ16Z	-	High Frequency	White	0.8
1 x 28W 2D	335	BJ28Z	-	High Frequency	White	1.4
1 x 38W 2D	335	BJ38Z	-	High Frequency	White	1.4
1 x 28W 2D	335	-	EBBJ28Z	High Frequency	White	2.0
Small Bezel	275	BJSBSIL	-	-	Satin Silver	0.1
Small Bezel	275	BJSBPC	-	-	Polished Chrome	0.1
Small Bezel	275	BJSBPB	-	-	Polished Brass	0.1
Large Bezel	335	BJLBSIL	-	-	Satin Silver	0.2
Large Bezel	335	BJLBPC	-	-	Polished Chrome	0.2
Large Bezel	335	BJLBPB	-	-	Polished Brass	0.2

LED

Cat No	Lumen Output	Wattage	Efficacy (Llm/cW)	Weight (kg)	Emergency cat no	Weight (kg)
BJ804KZ	1111	14.0	79.3	1.1	ELBJ804KZ	1.9