



Bijou IP54 is a decorative low profile surface luminaire using low energy compact fluorescent lamps and high frequency control gear in all models. Supplied complete with a white bezel as standard the aesthetics can be further enhanced using optional bezels in a variety of finishes. Major and Minor sizes are available to best suit lamp types which range from 16w to 38w 2D and the luminaire is supplied complete with lamp. The base and diffuser are both manufactured from a grade of polycarbonate that meets the emergency glow wire test. This means that a 28w version is available as 3 hour maintained emergency 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 IP rating of 54 and this secure fixing has the additional benefit of making the luminaire suitable for wall and ceiling mounting.

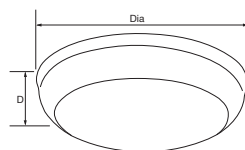
- Decorative low profile surface luminaire c/w white bezel
- Can be Wall or Ceiling mounted
- Polycarbonate Base and Diffuser - meets emergency glow wire test
- IP54 rated with a high protection to solid objects and wet conditions
- Twist and Lock diffuser offers tool free lamp replacement
- Optional bezels in Polished Chrome, Polished Brass or Satin Silver
- Two diameters Major (28 & 38w) Minor (16w)
- Supplied complete with white 3500°K 2D lamp

Catalogue Numbers

Lamp Type	Description	Cat No	Weight (kg)
1x16W 2D	Bijou IP54 16w High Frequency white finish	BJ16Z	0.8
1x28W 2D	Bijou IP54 28w High Frequency white finish	BJ28Z	1.4
1x38W 2D	Bijou IP54 38w High Frequency white finish	BJ38Z	1.4
1x28W 2D	Bijou IP54 28w HF Emergency white finish	EBBJ28Z	2.0
Small Bezel	Bijou Minor Bezel Satin Silver	BJSBSIL	0.1
Small Bezel	Bijou Minor Bezel Polished Chrome	BJSBPC	0.1
Small Bezel	Bijou Minor Bezel Polished Brass	BJSBPB	0.1
Large Bezel	Bijou Major Bezel Satin Silver	BJLBSIL	0.2
Large Bezel	Bijou Major Bezel Polished Chrome	BJLBPC	0.2
Large Bezel	Bijou Major Bezel Polished Brass	BJLBPB	0.2

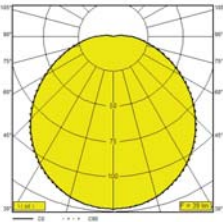
Dimensions

Lamp Type	Dia (mm)	D (mm)
1 x 16W 2D	275	82
1 x 28W 2D	335	107
1 x 38W 2D	335	107
Small Bezel	275	53
Large Bezel	335	57



Photometric Data & Fast Calculation Tables

Cat No. BJ16Z

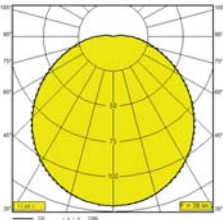


LOR: 38.7
 ULOR: 1.2
 DLOR: 37.5
 SHR nom: 1.50
 SHR max: 1.62

Utilisation Factors/TM5											
Reflection			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	28	30	33	35	36	38	39
70	30	20	19	22	25	27	30	32	34	36	37
70	10	20	17	20	23	25	28	30	32	34	36
50	50	20	21	24	27	29	31	33	34	36	37
50	30	20	19	22	24	26	26	31	32	34	36
50	10	20	17	20	22	24	27	29	31	33	35
30	50	20	21	23	26	28	30	32	33	34	35
30	30	20	18	21	24	26	28	30	31	33	34
30	10	20	16	19	22	24	27	29	30	32	33
0	0	0	16	18	21	22	25	27	28	30	31
BZ-class			5	5	5	5	5	5	5	5	5

Fast Calculation Table										
E	Lph	1 x 2D / 1050 lm								
IN	IN	Room Size (m ²)								
IX	M	20	30	40	50	70	80	90	100	
20	2.40	3	3	4	5	6	7	7	8	8
	2.60	3	3	4	5	6	7	8	8	
	2.80	3	4	4	5	6	7	8	8	
50	2.40	6	8	9	11	14	16	18	19	
	2.60	6	9	10	11	15	16	18	20	
	2.80	6	8	10	12	15	17	18	20	
100	2.40	11	15	18	21	28	31	35	38	
	2.60	12	15	19	22	29	32	36	39	
	2.80	12	16	20	23	30	33	36	40	
Maintenance Factor: 0.8 (refl: 70/50/20)										

Cat No. BJ28Z

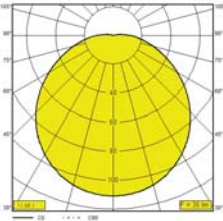


LOR: 38.0
 ULOR: 1.1
 DLOR: 36.9
 SHR nom: 1.50
 SHR max: 1.62

Utilisation Factors/TM5											
Reflection			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
70	30	20	19	22	25	27	30	32	33	35	37
70	10	20	17	19	22	24	28	30	31	34	35
50	50	20	21	24	26	28	31	32	34	35	36
50	30	20	18	21	24	26	29	30	32	43	35
50	10	20	16	19	22	24	27	29	31	32	34
30	50	20	20	23	25	28	29	31	32	34	
30	30	20	18	21	23	25	28	29	31	32	34
30	10	20	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

Fast Calculation Table										
E	Lph	1 x 2D / 2050 lm								
IN	IN	Room Size (m ²)								
IX	M	20	30	40	50	70	80	90	100	
20	2.40	2	2	2	3	3	4	4	4	
	2.60	2	2	2	3	3	4	4	4	
	2.80	2	2	2	3	4	4	4	4	
50	2.40	3	4	5	6	8	9	9	10	
	2.60	3	4	5	6	8	9	10	10	
	2.80	4	5	5	6	8	9	10	11	
100	2.40	6	8	10	11	15	17	18	20	
	2.60	6	8	10	12	15	17	19	20	
	2.80	7	9	10	12	16	17	19	21	
Maintenance Factor: 0.8 (refl: 70/50/20)										

Cat No. BJ38Z



LOR: 34.7
 ULOR: 1.0
 DLOR: 33.7
 SHR nom: 1.50
 SHR max: 1.62

Utilisation Factors/TM5											
Reflection			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	20	23	25	27	29	31	32	34	35
70	30	20	17	20	22	24	27	29	30	32	33
70	10	20	15	18	20	22	25	27	29	31	32
50	50	20	19	22	24	26	28	29	31	32	33
50	30	20	17	19	22	24	26	28	29	31	32
50	10	20	15	17	20	22	24	26	28	30	31
30	50	20	18	21	23	25	27	28	29	31	32
30	30	20	16	19	21	23	25	27	28	30	31
30	10	20	15	17	20	21	24	26	27	29	30
0	0	0	14	16	19	20	22	24	25	27	28
BZ-class			5	5	5	5	5	5	5	5	5

Fast Calculation Table										
E	Lph	1 x 2D / 2850 lm								
IN	IN	Room Size (m ²)								
IX	M	20	30	40	50	70	80	90	100	
20	2.40	1	2	2	2	3	3	3	4	
	2.60	1	2	2	2	3	3	3	4	
	2.80	1	2	2	2	3	3	3	4	
50	2.40	3	3	4	5	6	7	8	8	
	2.60	3	4	4	5	6	7	8	8	
	2.80	3	4	4	5	6	7	8	9	
100	2.40	5	6	8	9	12	13	15	16	
	2.60	5	7	8	9	12	14	15	16	
	2.80	5	7	8	10	12	14	15	17	
Maintenance Factor: 0.8 (refl: 70/50/20)										

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