

Luminaire Specification

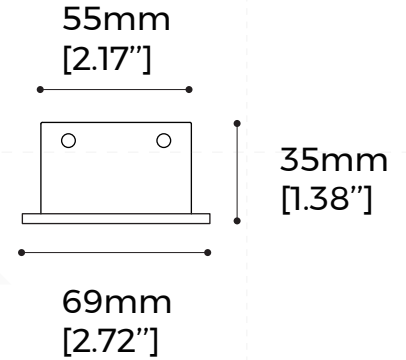
BE6935FP_Luminaire

— BASIC series



[Features]

- Material: AL6063-T5, spraying surface / anodizing
- Coating: Silver anodized (RAL9006), Black (RAL9005), White (RAL9003)
- Lighting direction: downward
- Light efficiency: 90 LM/W
- U G R: UGR<19(X=4H,Y=8H)
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- Length: 1200mm/1800mm optional, (other length on request)
- SDCM≤3(ANSI)
- CRI:80/90
- CCT:2700/3000/3500/4000/5000/6500/3000-6500K optional
- Input voltage: AC220-240V
- Application: Indoor
- Installation method: Recessed
- IP grade: IP20
- Certification: CB, CE, UKCA, ROHS, Reach
- Warranty: 5 years



[Photo-electric parameters]

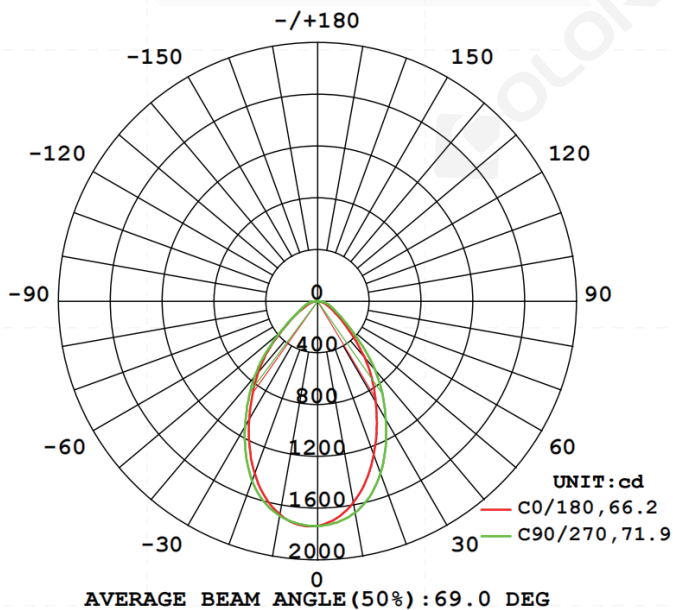
Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	CCT	Lumen (LM)
Normal	LLS-BE6935FPXSS1200(N)	1200mm [3.94ft]	220VAC~240VAC	0.13 [0.03A/ft]	27 [6.85W/ft]	30 [7.61W/ft]	>80	2700K	2330 [590LM/ft]
								3000K	2390 [610LM/ft]
								3500K	2430 [620LM/ft]
								4000K	2520 [640LM/ft]
								5000K	2520 [640LM/ft]
								6500K	2520 [640LM/ft]
							>90	2700K	1960 [500LM/ft]
								3000K	2000 [510LM/ft]
								3500K	2060 [520LM/ft]
								4000K	2150 [550LM/ft]
								5000K	2150 [550LM/ft]
								6500K	2150 [550LM/ft]

Normal	LLS-BE6935FPXSS1800(N)	1800mm [5.91ft]	220VAC~ 240VAC	0.18 [0.03A/ft]	38 [6.43W/ft]	42 [7.10W/ft]	>80	2700K	3290 [560LM/ft]
								3000K	3370 [570LM/ft]
								3500K	3420 [580LM/ft]
								4000K	3550 [600LM/ft]
								5000K	3550 [600LM/ft]
								6500K	3550 [600LM/ft]
							>90	2700K	2770 [470LM/ft]
								3000K	2820 [480LM/ft]
								3500K	2900 [490LM/ft]
								4000K	3030 [510LM/ft]
								5000K	3030 [510LM/ft]
								6500K	3030 [510LM/ft]

Note:

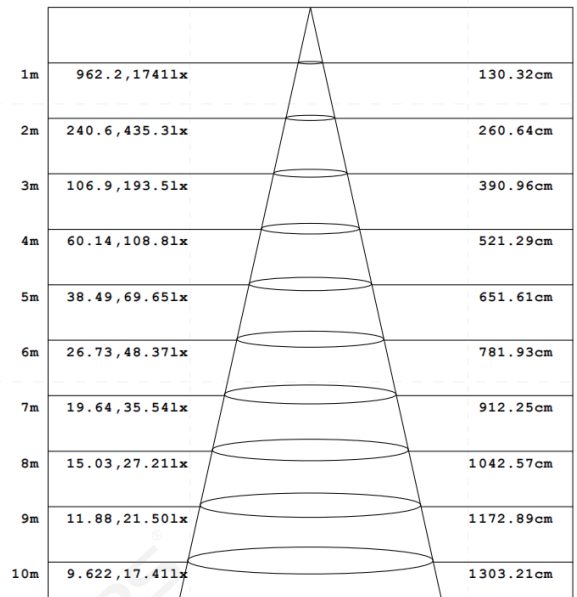
1. The above parameters were tested based on 1.2M(3.94') standard products;
2. luminous flux is allowed to have a ±10% error range;
3. The above parameters are typical values.

[Optical Parameter]



luminous intensity
distribution diagram

Flux out: 1375 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

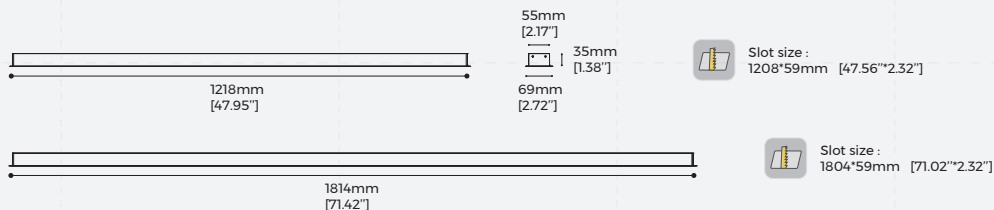
AAI Figure

【Product UGR】


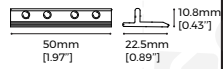






ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	14.5	15.7	14.7	15.9	16.1	15.3	16.5	15.6	16.7	16.9	
3H	15.0	16.1	15.3	16.3	16.6	16.0	17.2	16.3	17.4	17.6	
4H	15.2	16.2	15.5	16.5	16.7	16.4	17.5	16.7	17.7	18.0	
6H	15.2	16.2	15.6	16.5	16.8	16.8	17.8	17.1	18.0	18.3	
8H	15.2	16.2	15.5	16.4	16.7	16.9	17.8	17.2	18.1	18.4	
12H	15.2	16.1	15.5	16.4	16.7	16.9	17.9	17.3	18.2	18.5	
4H	2H	14.7	15.8	15.0	16.0	16.3	15.4	16.5	15.8	16.8	17.0
	3H	15.4	16.3	15.8	16.6	16.9	16.4	17.3	16.7	17.6	17.9
	4H	15.7	16.6	16.1	16.9	17.2	16.9	17.7	17.3	18.1	18.4
	6H	15.9	16.6	16.3	17.0	17.4	17.4	18.1	17.8	18.5	18.9
	8H	15.9	16.5	16.3	16.9	17.3	17.5	18.2	18.0	18.6	19.0
	12H	15.8	16.5	16.3	16.8	17.3	17.6	18.3	18.1	18.7	19.1
8H	4H	15.9	16.6	16.3	17.0	17.4	17.0	17.7	17.4	18.0	18.4
	6H	16.1	16.7	16.6	17.1	17.6	17.6	18.1	18.0	18.5	19.0
	8H	16.1	16.6	16.6	17.1	17.6	17.8	18.3	18.3	18.7	19.2
	12H	16.1	16.5	16.6	17.0	17.5	17.9	18.4	18.4	18.8	19.3
12H	4H	15.9	16.5	16.3	16.9	17.3	17.0	17.6	17.4	18.0	18.4
	6H	16.2	16.7	16.6	17.1	17.6	17.5	18.0	18.0	18.5	19.0
	8H	16.2	16.6	16.7	17.1	17.6	17.8	18.2	18.3	18.7	19.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.9 / - 1.1					+ 0.6 / - 0.7					
1.5H	+ 0.9 / - 0.9					+ 0.7 / - 0.6					
2.0H	+ 1.6 / - 1.3					+ 1.4 / - 0.8					

CIE Pub.117, 2523 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.2$)

【Product mechanical data】



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Splicing bar	Size: L50*W22.5*H10.8mm [Inch size: L1.97**W0.89**H0.43"]	EX-17	Splicing Accessories
	/	Recessed buckle	Size: L68.5*W35*H31.6mm [Inch size: L2.70**W1.38**H1.24"]	RB-02	Installation Accessories
	/	L shaped corner	Without lighting source; Size: L150*W150*H35mm [Inch Size:L5.91**W5.91**H1.38"]	L90-BE6935	Customizable interconnected corners
	/	L shaped corner (light from outward)	Without lighting source; Size: L150*W150*H69mm [Inch Size:L5.91**W5.91**H2.72"]	L90W-BE6935	
	/	L shaped corner (light from inward)	Without lighting source; Size: L150*W150*H69mm [Inch Size:L5.91**W5.91**H2.72"]	L90N-BE6935	
	/	T shaped corner	Without lighting source; Size: L300*W184.5*H35mm [Inch Size:L11.81**W7.26**H1.38"]	T90-BE6935	
	/	X shaped corner	Without lighting source; Size: L300*W300*H35mm [Inch Size:L11.81**W11.81**H1.38"]	X90-BE6935	

[Packing]

Model	Demension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Carton size (mm)
LLS-BE6935FPXSS1200(N) -T27NW8D-DC	1218*69*35 [47.95"*2.72"*1.38"]	1	6	1.40	8.40	13.0	1298*215*210 [51.10"*8.46"*8.27"]
LLS-BE6935FPXSS1800(N) -T38NW8D-DC	1814*69*35 [71.42"*2.72"*1.38"]	1	6	1.90	11.40	18.0	1894*215*210 [74.57"*8.46"*8.27"]

[Attentions]

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use