

Luminaire Specification

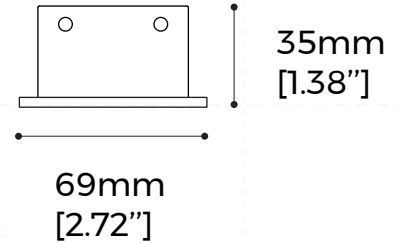
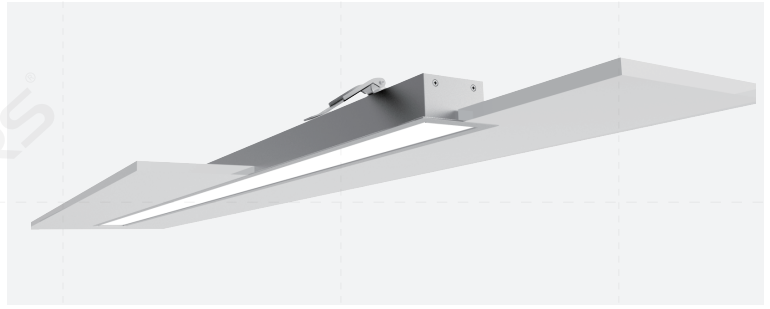
BE6935FD_Luminaire

— BASIC series



[Features]

- Material: AL6063-T5, spraying surface / anodizing
- Coating: Silver anodized (RAL9006), Black (RAL9005), White (RAL9003)
- Lighting direction: downward
- Light efficiency: 110 LM/W (Regular/ Emergency model), 130 LM/W (High efficiency model)
- Dimming method: Non/ DALI-2+PUSH/ 1-10V/CASAMBI/ Tuya WIFI/Tuya Bluetooth/Tuya Zigbee optional
- Length: 1200mm/1800mm/2400mm 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(Emergency power model/CASAMBI/Tuya WIFI/Tuya Bluetooth/Tuya Zigbee:3 years)



[Photo-electric parameters]

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	CCT	Lumen (LM)
Regular/ Emergency power models	LLS-BE6935FDXSS1200(N) LLS-BE6935FDXSS1200(E)	1200mm [3.94ft]	220VAC~ 240VAC	0.7 [0.18A/ft]	27 [6.85W/ft]	30 [7.61W/ft]	>80	2700K	2730 [690LM/ft]
								3000K	2790 [710LM/ft]
								3500K	2850 [720LM/ft]
								4000K	2970 [750LM/ft]
								5000K	2970 [750LM/ft]
								6500K	2970 [750LM/ft]
							>90	2700K	2330 [590LM/ft]
								3000K	2380 [600LM/ft]
								3500K	2430 [620LM/ft]
								4000K	2530 [640LM/ft]
								5000K	2530 [640LM/ft]
								6500K	2530 [640LM/ft]
Dial switch CCT control	LLS-BE6935FDXSS1200(T)						>80	3000K	/
								4300K	2970 [750LM/ft]
								6500K	/
							>90	3000K	/
								4300K	2530 [640LM/ft]
								6500K	/

Regular	LLS-BE6935FDXSS1800(N)	1800mm [5.91ft]	220VAC~ 240VAC	1.0 [0.17A/ft]	38 [6.43W/ft]	40 [6.77W/ft]	>80	2700K	3850 [650LM/ft]
								3000K	3930 [670LM/ft]
								3500K	4010 [680LM/ft]
								4000K	4180 [710LM/ft]
								5000K	4180 [710LM/ft]
								6500K	4180 [710LM/ft]
							>90	2700K	3270 [550LM/ft]
								3000K	3340 [5700LM/ft]
								3500K	3410 [580LM/ft]
								4000K	3550 [600LM/ft]
								5000K	3550 [600LM/ft]
								6500K	3550 [600LM/ft]
Dial switch CCT control	LLS-BE6935FDXSS1800(T)						>80	3000K	/
								4300K	4180 [710LM/ft]
								6500K	/
							>90	3000K	/
								4300K	3550 [600LM/ft]
								6500K	/
Regular	LLS-BE6935FDXSS2400(N)	2400mm [7.87ft]	220VAC~ 240VAC	1.4 [0.18A/ft]	53 [6.73W/ft]	60 [7.62W/ft]	>80	2700K	5360 [680LM/ft]
								3000K	5480 [700LM/ft]
								3500K	5600 [710LM/ft]
								4000K	5830 [740LM/ft]
								5000K	5830 [740LM/ft]
								6500K	5830 [740LM/ft]
							>90	2700K	4560 [580LM/ft]
								3000K	4660 [590LM/ft]
								3500K	4760 [600LM/ft]
								4000K	4960 [630LM/ft]
								5000K	4960 [630LM/ft]
								6500K	4960 [630LM/ft]
Dial switch CCT control	LLS-BE6935FDXSS2400(T)						>80	3000K	/
								4300K	5830 [740LM/ft]
								6500K	/
							>90	3000K	/
								4300K	4960 [630LM/ft]
								6500K	/

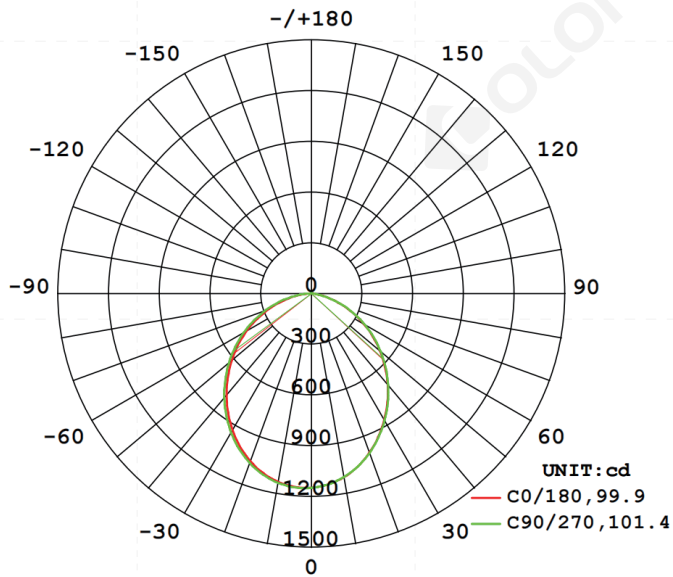
High-efficiency models	LLS-BE6935FDXSS1200(H)	1200mm [3.94ft]	220VAC~ 240VAC	0.7 [0.18A/ft]	27 [6.85W/ft]	30 [7.61W/ft]	>80	2700K	3230 [820LM/ft]
								3000K	3300 [840LM/ft]
								3500K	3370 [860LM/ft]
								4000K	3510 [890LM/ft]
								5000K	3510 [890LM/ft]
								6500K	3510 [890LM/ft]
	>90	2700K	2740 [700LM/ft]						
		3000K	2800 [710LM/ft]						
		3500K	2860 [730LM/ft]						
		4000K	2980 [760LM/ft]						
		5000K	2980 [710LM/ft]						
		6500K	2980 [710LM/ft]						
	LLS-BE6935FDXSS1800(H)	1800mm [5.91ft]	220VAC~ 240VAC	1.0 [0.17A/ft]	38 [6.43W/ft]	40 [6.77W/ft]	>80	2700K	4540 [770LM/ft]
								3000K	4640 [790LM/ft]
								3500K	4740 [800LM/ft]
								4000K	4940 [840LM/ft]
								5000K	4940 [840LM/ft]
								6500K	4940 [840LM/ft]
>90							2700K	3860 [650LM/ft]	
							3000K	3950 [670LM/ft]	
							3500K	4030 [680LM/ft]	
							4000K	4200 [710LM/ft]	
							5000K	4200 [710LM/ft]	
							6500K	4200 [710LM/ft]	
LLS-BE6935FDXSS2400(H)	2400mm [7.87ft]	220VAC~ 240VAC	1.4 [0.18A/ft]	53 [6.73W/ft]	60 [7.62W/ft]	>80	2700K	6340 [810LM/ft]	
							3000K	6480 [820LM/ft]	
							3500K	6610 [840LM/ft]	
							4000K	6890 [870LM/ft]	
							5000K	6890 [870LM/ft]	
							6500K	6890 [870LM/ft]	
						>90	2700K	5400 [690LM/ft]	
							3000K	5510 [700LM/ft]	
							3500K	5630 [710LM/ft]	
							4000K	5860 [740LM/ft]	
							5000K	5860 [740LM/ft]	
							6500K	5860 [740LM/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.

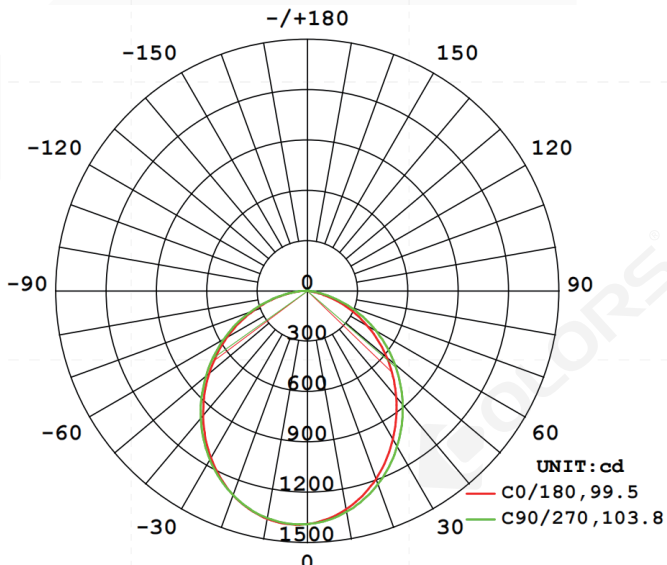
[Optical Parameter]

[Regular/Dial switch CCT control]



AVERAGE BEAM ANGLE (50%) : 100.6 DEG
 luminous intensity
 distribution diagram

[High-efficiency models]



AVERAGE BEAM ANGLE (50%) : 101.6 DEG
 luminous intensity
 distribution diagram

Flux out: 1897 lm

Height	Eavg, Emax	Diameter
1m	425.3, 1151lx	237.72cm
2m	106.3, 287.6lx	475.45cm
3m	47.25, 127.8lx	713.17cm
4m	26.58, 71.9lx	950.90cm
5m	17.01, 46.0lx	1188.62cm
6m	11.81, 31.9lx	1426.34cm
7m	8.679, 23.4lx	1664.07cm
8m	6.645, 17.9lx	1901.79cm
9m	5.250, 14.2lx	2139.52cm
10m	4.253, 11.5lx	2377.24cm

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

AAI Figure

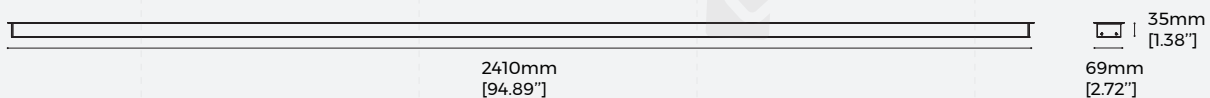
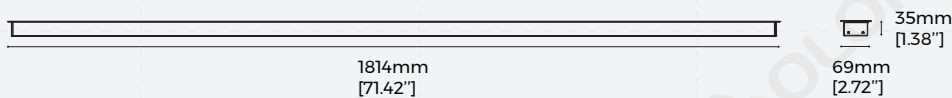
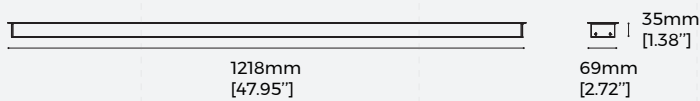
Flux out: 2308 lm

Height	Eavg, Emax	Diameter
1m	517.3, 1392lx	236.09cm
2m	129.3, 348.1lx	472.18cm
3m	57.47, 154.7lx	708.27cm
4m	32.33, 87.0lx	944.35cm
5m	20.69, 55.6lx	1180.44cm
6m	14.37, 38.6lx	1416.53cm
7m	10.56, 28.4lx	1652.62cm
8m	8.082, 21.7lx	1888.71cm
9m	6.386, 17.1lx	2124.80cm
10m	5.173, 13.9lx	2360.89cm


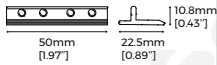




Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

AAI Figure

[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	

[Product Type]

[Regular/High-efficiency models]

· Dimming method: Non/ DALI-2/ PUSH/ 1-10V/CASAMBI/WIFI/Bluetooth/Zigbee optional



· CASAMBI Dimming

Technical parameters:

- Input Voltage: 220-240VAC/50Hz
- APP supported version: iPhone iOS10/iPad iOS 10/Android 4.4 and above
- Can act as a repeater
- Support APP remote dimming, brightness adjustment, group control and scene control, etc.

CASAMBI

GET IT ON
App Store

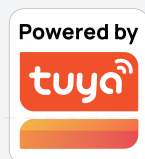
GET IT ON
Google play



· WIFI/Zigbee/Bluetooth Dimming

Technical parameters:

- Input Voltage: 220-240VAC/50Hz
- Input signal: WIFI/Zigbee/Bluetooth(optional)
- Remote distance: 30m(no barrier)
- Dimming range: 1-100% (Linear Dimming)
- Support APP remote dimming, timeline brightness auto-adjustment, group control and scene control, etc.



· Function



Brightness
Adjustment



Remote
Control



Timing &
Delay Time



Group &
Scene Control



Brightness
Gradient



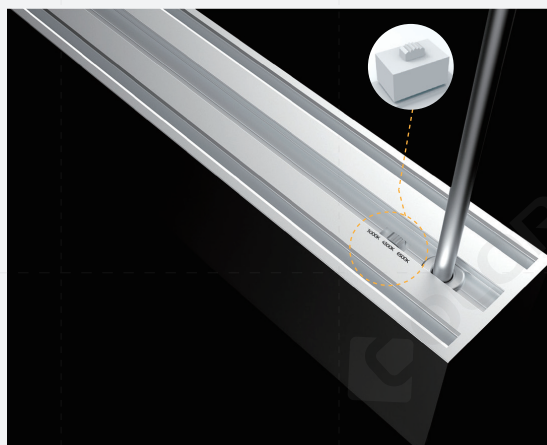
Power-Off
Memory



Do-Not
-Disturb

[Dial switch CCT control]

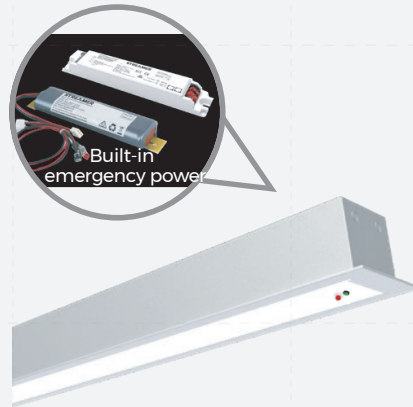
- Dimming method: Non/ DALI-2+PUSH/ 1-10V optional
- 3000K/4300K/6500K 3-tier CCT adjustable, can achieve general lighting demands









[Product Type]

【Emergency power model】

- Dimming method: Non/ DALI-2/ PUSH/ 1-10V optional
- Product length is 1.2m, other lengths need to be customized.



1. Test button : The test button is a open switch, if you press it, the emergency driver connects and goes into emergency mode. If you release the button, it will cuts off emergency driver and goes back to normal mode automatically.
2. If the luminaire is in the emergency state, press and hold the emergency test button for 5S to cancel the emergency state.
3. LED indicator : It can reflect / working / non working / charging / fully charged status,as detailed below.

Indicator	Color and led indication	Status	Comment
	Permanent green	Fully charged or charging mode	AC mode
	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	self-test function
	Slow flashing green (1 sec on, 1 sec off)	Duration test underway	self-test function
	Permanent red	Load failure	Open circuit / Short circuit
	Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery
	Green and red off	DC mode	Battery opration (emergency mode)

The emergency battery carries out self-tests automatically to ensure its functionality, it includes 3 types tests :

1. Initial test : As soon as mains supply is connected, the emergency battery will carry out a 3-seconds functional test automatically. In case of a failure, the LED will turn permanent red, otherwise , the charge mode will start.
2. Functional test : Refers to charging, discharging and the functioning of load, it will carry out for 10 seconds automatically every 30 calendar days.
3. Duration test : Refers to the test of batteries capacity, it carry out every 180 calendar days.

[Packing]

Model	Demension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	GW (kg)	Carton size (mm)
LLS-BE6935FDXSS1200(N) -T27NW8N-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-BE6935FDXSS1800(N) -T38NW8N-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"]
LLS-BE6935FDXSS2400(N) -T53NW8N-DC	2410*69*35 [94.89"*2.72"*1.38"]	1	6	2.50	15.00	23.5	2490*215*210 [98.03"*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