

FSBH LED LUMINAIRE FOR SUSPENDED CEILING

- WORLDWIDE POWERED
- ACTIVE POWER FACTOR CORRECTION (PFC)
- VERY HIGH ENERGY EFFICIENCY
- LEDs – 160 LM/W
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE



FSBH30L, FSBH60K, FSBH60P FSBH80B, FSBH120B

Very high efficiency

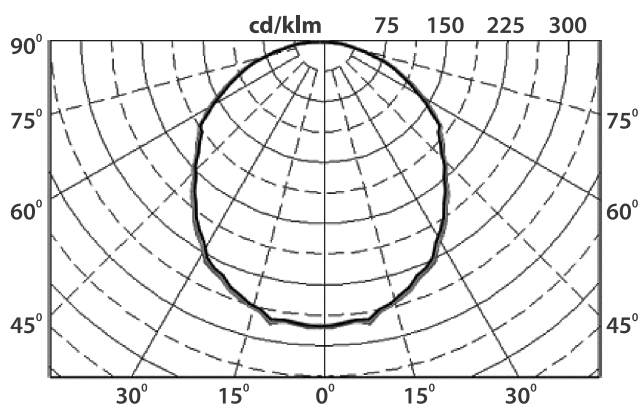


APPLICATION

FSBH is applicable to illuminate spaces in offices, factory areas, storage terminals, supermarkets, sports and exhibition halls and more.

SPECIFICATIONS

SPECIFICATIONS		FSBH30L	FSBH60K	FSBH60P	FSBH80B	FSBH120B
AC Input Voltage					90 ÷ 305 V AC	
DC Input Voltage					127 ÷ 431 V DC	
Mains Frequency					47 ÷ 63 Hz	
LED Power		30.4 W	54.4 W	54.4 W	73.8 W	108 W
Power Efficiency		88 %	91 %	91 %	88 %	91 %
Total Power		34.5 W	59.7 W	59.7 W	84 W	119.4 W
LED Luminous Flux		3 822 lm	6880 lm	6880 lm	9724 lm	12760 lm
Junction Temperature		70°C	75°C	75°C	75°C	75°C
Optical Cover Efficiency (Matt)					84 %	
Real Luminaire Efficacy (LER)		92 lm/W	96.8 lm/W	96.8 lm/W	97 lm/W	96.8 lm/W
Real Lamp Luminous Flux for:						
Outdoor White	(4000 ÷ 6200 K)	3 200 lm	5 780 lm	5 780 lm	7 720 lm	11 560 lm
Neutral White	(3700 ÷ 5000 K)	2 970 lm	5 073 lm	5 073 lm	7 169 lm	10 145 lm
Color Rendering Index for Outdoor White					CRI – 70 typical	
Neutral White					CRI > 70	
Operating Temperature					- 20° ÷ +55°C	
Operating Humidity					10 ÷ 95 % RH	
Lifespan L70					> 160 000 h	
Ingress protection rating					IP 64	
Electrical Safety Class					Class II	
Optical cover					Matt PMMA	
Dimensions	L	595 mm	595 mm	1195 mm	1195 mm	1195 mm
	W	295 mm	595 mm	295 mm	595 mm	595 mm
	H			47 mm		
Weight		3 kg	4.2 kg	4.2 kg	8.4 kg	8.4 kg
Emergency		3 hours; 320 lm				



Eulumdat (.ldt) files will be sent upon request

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Power	Design	Emergency	Color temperature
030 - 34.5 W	L - 595 x 295 mm	- - no	0 - Outdoor White
060 - 59.7 W	K - 595 x 595 mm	E - yes	1 - Neutral White
080 - 84.0 W	P - 1195 x 295 mm		
120 - 119.4 W	B - 1195 x 595 mm		

C E EN61000-6-3:1997, EN61000-6-1:1997
Quality Assurance ISO 9001:2008; AQAP 2110