

# **FSB** LED LUMINAIRE FOR SUSPENDED CEILING

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



# FSB30K, FSB30P, FSB40K, FSB40P FSB60K, FSB60P, FSB60B FSB80B, FSB120B

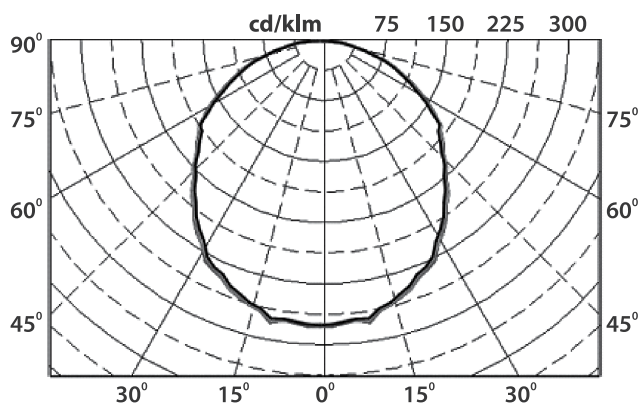


## APPLICATION

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

## SPECIFICATIONS

	FSB30K	FSB30P	FSB40K	FSB40P	FSB60K	FSB60P	FSB60B	FSB80B	FSB120B
AC Input Voltage					90 ÷ 305 V AC				
DC Input Voltage					127 ÷ 431 V DC				
Mains Frequency					47 ÷ 63 Hz				
LED Power	27.3 W	27.3 W	36.4 W	36.4 W	57 W	57 W	57 W	72.8 W	114 W
Power Efficiency					91 %				
Total Power	30 W	30 W	40 W	40 W	62.8 W	62.8 W	62.8 W	80 W	125.6 W
LED Luminous Flux	3320 lm	3320 lm	4139 lm	4139 lm	6700 lm	6700 lm	6700 lm	8278 lm	13400 lm
Junction Temperature	65°C	65°C	65°C	65°C	75°C	75°C	75°C	65°C	75°C
Optical Cover Efficiency (Matt)					79 %				
Real Luminaire Efficacy (LER)	87 lm/W	87 lm/W	81 lm/W	81 lm/W	84 lm/W	84 lm/W	84 lm/W	81 lm/W	84 lm/W
Real Lamp Luminous Flux for:									
Outdoor White (4000 ÷ 6200 K)	2623 lm	2623 lm	3218 lm	3218 lm	5310 lm	5310 lm	5310 lm	6436 lm	10620 lm
Neutral White (3700 ÷ 5000 K)	2453 lm	2453 lm	2824 lm	2824 lm	4966 lm	4966 lm	4966 lm	5648 lm	9932 lm
Color Rendering Index for Outdoor White Neutral White					CRI – 70 typical CRI > 70				
Operating Temperature					-20° ÷ +55°C				
Operating Humidity					10 ÷ 95 % RH				
Lifespan L70					> 120 000 h				
Ingress protection rating					IP 64				
Electrical Safety Class					Class II				
Optical cover					Matt PMMA				
Dimensions L	595 mm	1195 mm	595 mm	1195 mm	595 mm	1195 mm	1195 mm	1195 mm	1195 mm
W	595 mm	295 mm	595 mm	295 mm	595 mm	295 mm	595 mm	595 mm	595 mm
H					47 mm				
Weight					4 ÷ 4.2 kg		7.7 kg	8.2 kg	8.4 kg
Emergency	3 hours; 320 lm								



Eulumdat (.ldt) files will be sent upon request

## ORDERING FSB

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Power						Emergency
030 - 30 W						-- no
040 - 40 W						E - yes
060 - 62.8 W						
080 - 80 W						
120 - 125.6 W						
	Design			Color temperature		
	K - 595 x 595 mm			0 - Outdoor White		
	P - 1195 x 295 mm			1 - Neutral White		
	B - 1195 x 595 mm					

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