



EPHM HIGH BAY LED LUMINAIRES for fixing to the ceiling and for pendant installation

WORLDWIDE POWERED

ACTIVE POWER FACTOR CORRECTION (PFC)

LEDs – 160 LM/W

NARROW/WIDE LENSES

HERMETIC

DIFFERENT VERSION FIXED

EPHM – VERY HIGH ENERGY EFFICIENCY

– NO MAINTENANCE COSTS

– LONG LIFECYCLE

– HIGH QUALITY AREA ILLUMINATION

– ERGONOMICAL – CLOSE TO NATURAL LIGHT

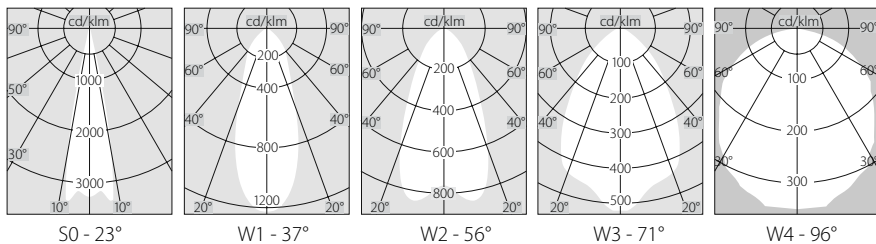
– ECOLOGICAL – MERCURY AND LEAD FREE



EPHM30, EPHM40, EPHM60, EPHM100, EPHM150, EPHM240

Purpose

The EPHM type floodlights have been designed for lighting of indoor sites as: industrial zones – for example production shops, warehouses and port terminals, sports facilities, halls, etc. where high level of hermetization is required.



SPECIFICATIONS

EPHM30 EPHM40 EPHM60 EPHM100 EPHM150 EPHM240

AC Input Voltage	90 ÷ 305 V AC						
DC Input Voltage	127 ÷ 431 V DC						
Mains Frequency	47 ÷ 63 Hz						
Power Factor (PF) at 230 V	min 95 %						
Power Factor (PF) at 115 V	min 98 %						
LED Power	30.4 W	36.9 W	56.7 W	88 W	138 W	218 W	
Power Efficiency	90 %	90 %	90 %	93 %	94 %	94 %	
Total Power	34.5 W	42 W	63 W	95 W	147 W	232 W	
LED Light Output	160 lm/W						
Current Efficiency	81 %						
LED Luminous Flux	3822 lm	4862 lm	7394 lm	11939 lm	18927 lm	29576 lm	
Junction Temperature	70°C						
Lens Efficiency	82 %						
Real Luminaire Efficacy (LER)	98 lm/W						
Color Rendering Index (CRI)	65 ÷ 80						
Real Lamp Luminous Flux for Outdoor White (4000 ÷ 6200 K)	3200 lm	4160 lm	6190 lm	9995 lm	15845 lm	24760 lm	
for Neutral White (3700 ÷ 5000 K)	2970 lm	3862 lm	5740 lm	9268 lm	14693 lm	22960 lm	
Light Distribution Angle	S0 - 23°, W1 - 37°, W2 - 56°, W3 - 71°, W4 - 96°						
Operating Temperature	- 40° ÷ +45°C						
Operating Humidity	10 ÷ 95% RH						
Lifespan L70	> 160 000 h						
Ingress protection rating	IP 66						
Electrical Safety Class	Class II						
Body	Marine Grade Aluminium Alloy Stainless steel or coloured UV protected polycarbonate						
Optical cover	glass tempered						
Built in sensor for automatic "ON/OFF" switching	option						
Dimensions (with Installation parts)	L W H	280 mm 140 mm	340 mm 140 mm	440 mm 140 mm	440 mm 180 mm	680 mm 200 mm	980 mm 220 mm
Weight (with Installation parts)	2.2 kg 2.5 kg 3 kg 4.5 kg 6.5 kg 8.0 kg						
Emergency	3 hours; 320 lm						

ORDERING EPHM

