

ILLUMA



Features:

ILLUMA high bay light manufactured using die-casting technology with ADC12 aluminum, it offers excellent thermal management. Equipped with a Zhaga socket, this fixture allows easy integration with smart lighting systems and future upgrades. Additionally, the built-in microwave sensor enhances energy efficiency by enabling motion detection, automatically adjusting brightness based on occupancy.

High mechanical strength, high heat and shock resistance. Instant start, no flickering and Ideal for frequent switching.

Energy Savings up to 50%. Anti rusting stainless steel screws, Weather, Chemical and UV resistance, Well-balanced light dispersing (No shadows).

High light Transmissivity, Elimination of the dazzling effect (No glare). Emergency and Sensor available on request.

Available options: 1) Emergency lighting (EM kit) 2) Motion sensor.

Technical Specifications:

Input Voltage: 220-240 V AC, 50 Hz.

Wattage: 100-500W

High Lumen: 170lm/W

3 STEP Mac Adam

High efficiency, low flicker driver

Lamp Type: SMD

Operating Temperature: -20°C to 50°C

Warranty: 5 Years

Life Time: 50,000hrs at ta 70 °C

(L70/B10)

Fields of Application:

Warehouses

Exhibition halls

Indoor

Stadiums

Workshops

Factories

Shopping malls

Installation Method:

Suspended

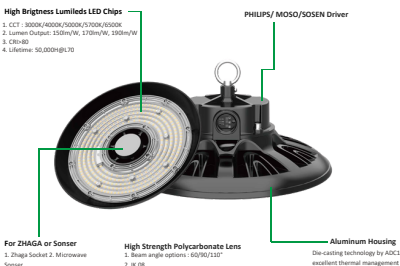
Wattage(W)	:	100	150	200	240	300	400	500
Finish	:	Black(B)						
Kelvin*	:	3000K	4000K	5000K	5700K		6500K	
Beam Angle	:	60°	90°	120°				
CRI	:	70+	80+					
Driver	:	ON/OFF	0/1-10V	DALI	Phase Dimming		Bluetooth	

*Special Color & Finish on request

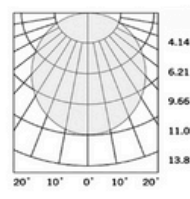
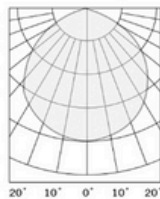
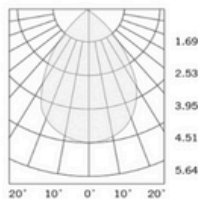
Product Code (969447500):

Wattage	Lumens(lm)	Dimension(ØxH) mm
100	17,000LM	260x143
150	25,500LM	287x147
200	34,000LM	305x149
240	40,800LM	305x149
300	51,000LM	342x168
400	68,000LM	342x168
500	85,000LM	447x178

*Luminous flux value is calculated for 4000K CRI>80



Photometric:



Standards

EN 60598-1

EN 60598-2-2

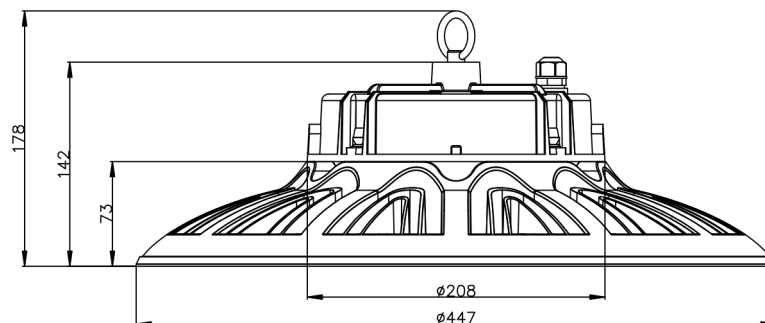
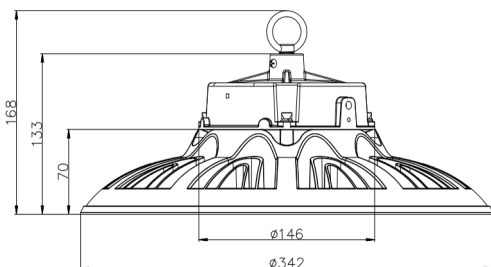
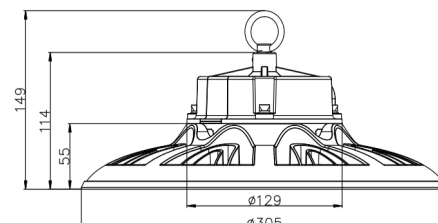
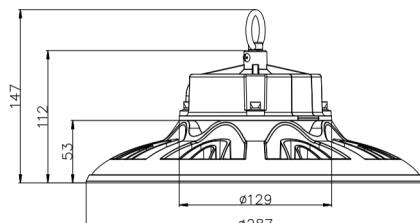
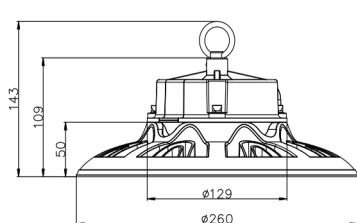
EN 60598-3-2

EN 60598-3-3

Order Code Ex: 969447500 30K 60D 7 1 B

CCT	Beam Angle	CRI	Driver	Finish
30K - 3000K	60D - 60°	7->70	1 - ON/OFF	B-Black
40K - 4000K	90D - 90°	8->80	2 - 0/1-10V	
50K - 5000K	120D - 120°		3 - DALI	
57K - 5700K			4 - Phase Dimming	
65K - 6500K			5 - Bluetooth	

MECHANICAL DRAWING



ACCESSORIES



Zhaga Socket



Microwave Sensor



Alu Reflector



U Bracket



Safety Steel Rope

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at $\pm 5\%$. Unless stated otherwise, the values apply to an ambient temperature of 25°C