pluxb

CE | EHC | IP66 | IK10

HALO

A++ ENERGY LEVEL | LED | F | RoHS | LM-80 | FLICKER FREE

Features:

The Highbay Light is a cutting-edge solution for industrial and commercial environments, combining advanced performance with sleek, functional design.

Constructed with a full die-cast aluminum housing, it offers durability, excellent heat dissipation, and corrosion resistance.

With high efficiency of up to 190 lm/W, low glare, and flicker-free operation, it ensures visual comfort and protects the eyes during extended use. Inventronics And Meanwell Driver are available on request.

Equipped with a variety of asymmetrical optical lenses, the luminaire provides professional and precise light distribution for optimized illumination. Its breakthrough design features a smooth, dust-proof housing, making it ideal for food processing applications where hygiene and easy cleaning are essential, while using non-toxic materials to ensure safety. Additionally, optional microwave motion sensors enhance energy efficiency, delivering reliable, high-performance lighting for industrial halls, warehouses, and production areas while combining aesthetic appeal with functional practicality.

Technical Specifications:

Input Voltage : 220- 240 V AC, 50 Hz.
Wattage : 20 - 150W
High Lumen : 190lm/W
3 STEP Mac Adam
High efficiency, low flicker driver
Surge Protection : 10KV/20KV
LED Type : 3030 / 5050 LumiLEDs
Operating Temperature: -40°C to 50°C
Glow Wire Test 850° C
Warranty : 5 Years
Life Time: 100,000hrs at ta 25°C
(L70/B10)

Fields of Application:

Local Roads
Express Roads
Town Roads
Pedestrians Crossing
Parking Areas

Installation Method

Suspended

Wattage(W)	:	20	30	50	80	100	120	150
Finish	:	Grey (G)		Customized (C)				
Kelvin*	:	3000K		4000K	5000K	5700K		
Optics	:	Type II		Type III				
CRI	:	70+		80+				
Driver	:	ON/OFF		0/1-10V	DALI			

*Special Color & Finish on request

Product Code (969480150):

Wattage	Lumens(lm)	Dimension (∅xH)mm
20	3,800LM	480x177
30	5,700LM	480x177
50	9,500LM	480x177
80	15,200LM	480x177
100	19,000LM	480x177
120	22,800LM	480x177
150	28,500LM	480x177

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

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 ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C
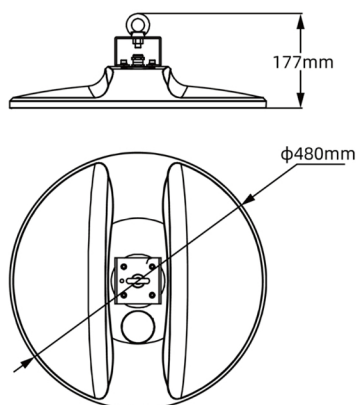
Photometric:
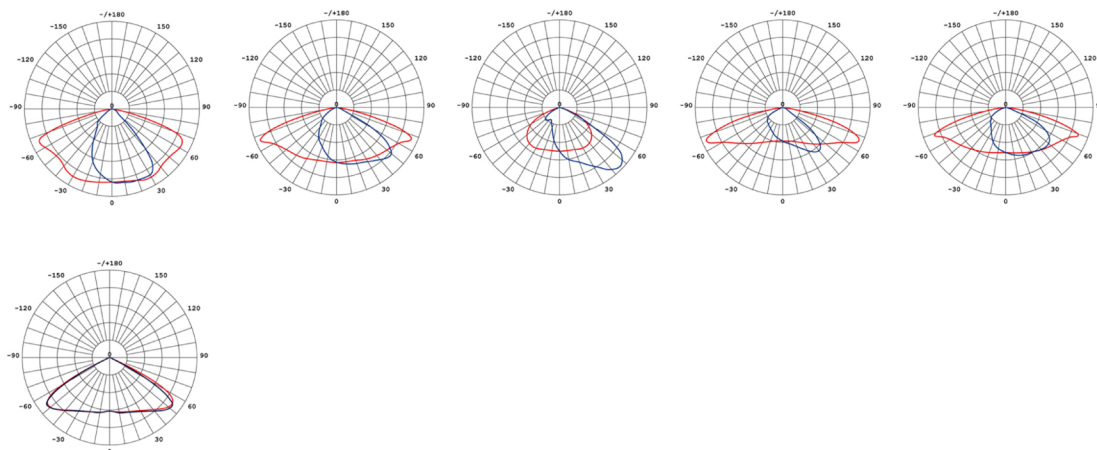
Standards

EN 60598-1
EN 60598-2-2
EN 60598-2-22
EN 60598-3-2

Dimensions:

177mm

φ480mm

Accessories:

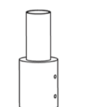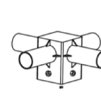|					
Photocell	Short Cap	NEMA Socket (3 /5 /7pin)	Motion Sensor	Smart Controller	ZHAGA Socket
"80-60mm"	"60-40mm"	Square to round	"T" Type	"L" Type	"2" in "1"	"4" in "1"
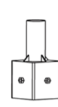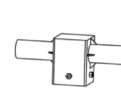
Order Code Ex: 969480150 30K   7 1 G

CCT	CRI	Driver	Finish
30K - 3000K	7->70	1 - ON/OFF	G-Grey
40K - 4000K	8->80	2 - 0/1-10V	C-Customized
50K - 5000K		3 - DALI	
57K - 5700K			

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 ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C