

## AJAX



### Features:

The street light is engineered with high pressure die-cast aluminum housing and UV-resistant polycarbonate, ensuring durability and long-term performance. Designed for efficiency, it delivers up to 70% energy savings, offering a short ROI period and sustainable operation. Equipped with world-class, approbated components including LEDs and drivers, the luminaire ensures reliable performance with THD <15 and a power factor ≥0.9 for improved energy quality. It supports both horizontal and vertical mounting, making it adaptable to different pole types. The driver box features a tool-less opening mechanism, providing ease of maintenance and service.

For flexibility in application, the optics can be configured as Type II, Type III, or asymmetric, making it ideal for roads, pathways, and pedestrian crossings. Side entry and vertical pole mounting options further enhance its versatility.

### Technical Specifications:

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

Wattage : 20 - 240W

High Lumen : 165lm/W

3 STEP Mac Adam

High efficiency, low flicker driver

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

Pole Mounted



Wattage(W)	:	20	40	60	80	100	120	150	180	200	240
Finish	:	Grey (G)	Customized (C)								
Kelvin*	:	1800K	2700K			3000K		4000K		5000K	6000K
Optics	:	Type II	Type III		Asymmetric						
CRI	:	70+	80+								
Driver	:	ON/OFF	0/1-10V			DALI					

\*Special Color & Finish on request

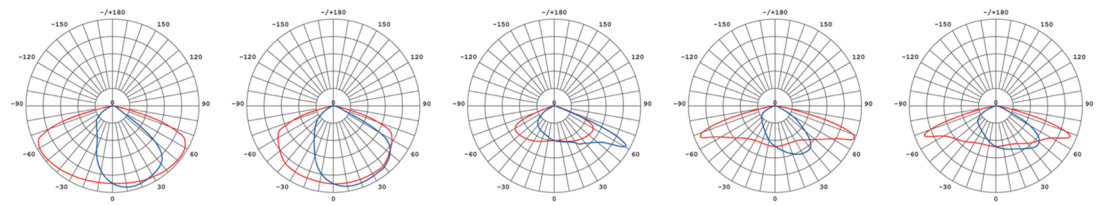
### Product Code (863705240):

Wattage	Lumens(lm)	Dimension (LxWxxH)mm
20	3,300LM	610x190x143
40	6,600LM	610x190x143
60	9,900LM	610x190x143
80	13,200LM	660x240x143
100	16,500LM	660x240x143
120	19,800LM	660x240x143
150	24,750LM	660x240x143
180	29,700LM	762x290x143
200	33,000LM	762x290x143
240	39,600LM	762x290x143

\*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

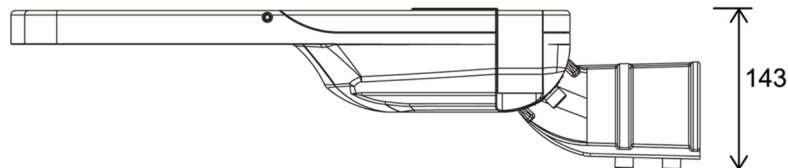
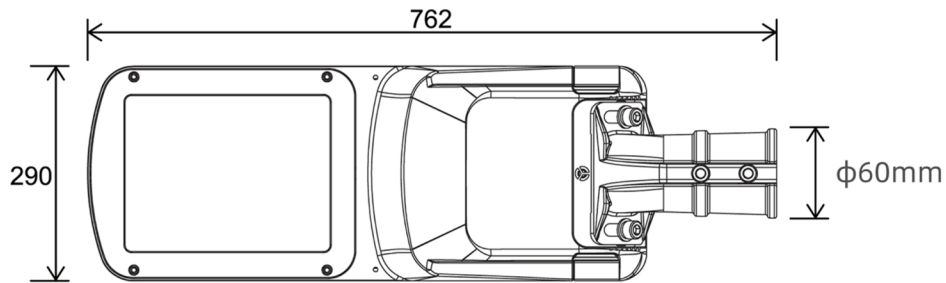
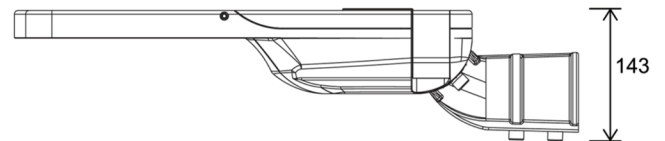
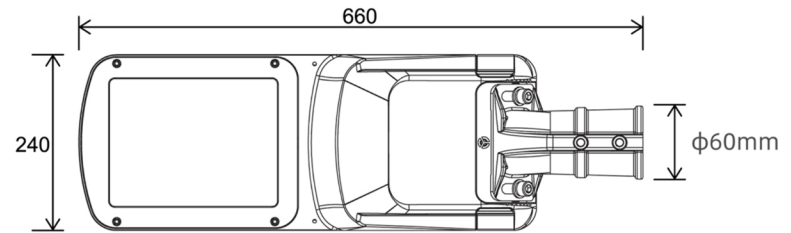
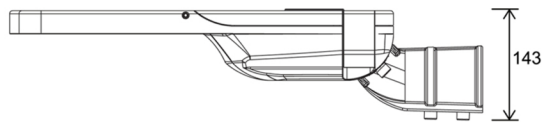
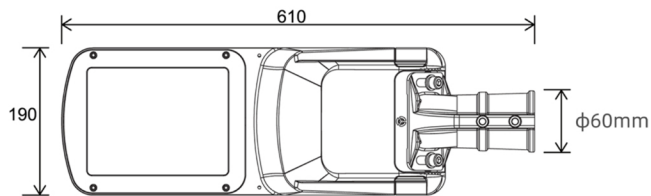
EN 60598-2-2

EN 60598-2-22

EN 60598-3-2

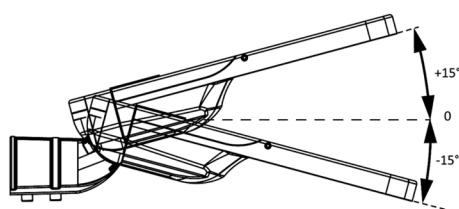
Order Code Ex: 863705240 18K Z 1 G

CCT	CRI	Driver	Finish
18K - 1800K	7->70	1 - ON/OFF	G-Grey
27K - 2700K	8->80	2 - 0/1-10V	C-Customized
30K - 3000K		3 - DALI	
40K - 4000K			
50K - 5000K			
60K - 6000K			

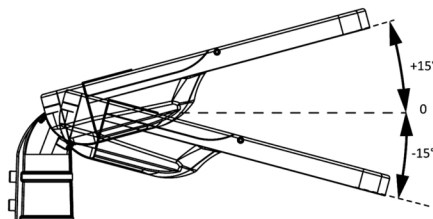


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# Flexible Flitter



Horizontal Installation  
±0-5-10-15°



Vertical Installation  
±0-5-10-15°

← Adjustable Fitter

Two Sizes Fitter →



Diameter: 60mm/2.36"



Diameter: 80mm/3.15"

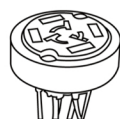
## Optional Accessories



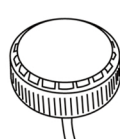
Photocell



Shorting Cap



NEMA Socket  
(3 / 5 / 7pin)



Motion Sensor



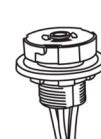
Smart Controller



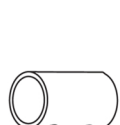
Camera



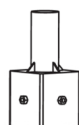
Knife switch



ZHAGA Socket



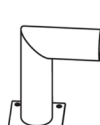
"60-40mm"



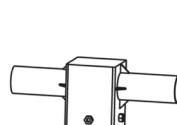
Square to round



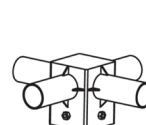
"T" Type



"L" Type



"2" in "1"



"4" in "1"



80mm fitter

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