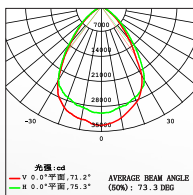
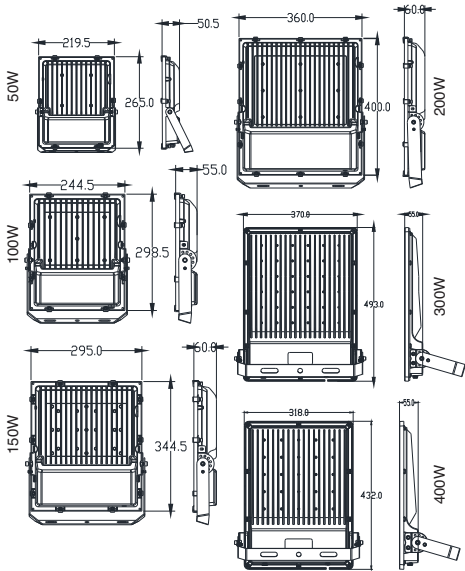




Butterfly Fusion X

LED FLOOD LIGHT SERIES





Dist (M)	Enadir (k)
10m	1.000
11m	0.826
12m	0.694
13m	0.592
14m	0.510

Technical Specifications

Electrical Characteristics

Wattage	50W	100W	150W	200W	300W	400W
	Other wattages also available ranging from 35W to 400W					
LED Driver	Vossloh Schuabe / Suncome / XCHLY / Philips					
LED Driver Type	Constant Current Programmable LED					
Voltage Range	100V - 277V 50/60HZ					
Power Factor	>0.95 (nominal power)					
Drive Current	100mA - 700mA					
Surge Protection	10KV Dedicate SPD					

Light Technical Characteristics

Lumen Package (Lm)	7000	14000	21000	28000	42000	56000
	Other lumen packages also available ranging from 4,900 Lm to 56,000 Lm					
System Efficacy	>140 Lm/W					
Light Output Ratio (LOR)	>85%					
Light Source	Lumileds 3030 2D or TYF-3030					
LED Efficiency	>195Lm/W or >170 Lm/W					
CRI	Minimum 70					
Beam Angle	Standard Beam Angle 90 x 150 Degree Type II M (other Type(s) also available)					
Color Temperature	CW -5700K/ NW -4000K/ WW -3000K ±500K					
Lifetime	>50,000 hours (up to 120,000 hours)					
Photometric Data	IES / LDT Photometric Data File are available					

Environmental Characteristics

Installation	Typical Flood Light Installation
Working temperature	-40°C to 55°C
Wind force	Up to 150 km/h
Relative humidity	Up to 95%RH

Mechanical Parameters

Housing material	High pressure die-cast aluminum					
Gasket material	Heat resistant silicone rubber					
Glass	Tempered Glass					
Finishing	Corrosion resistant powder coating					
Weight (Approx.)	1.5 Kg	2.0 Kg	3.5 Kg	5.0 Kg	5.5 Kg	7.5 Kg.
Certifications	CE LVD & CE EMC					
Classifications	IP66 & IK08					

Unique Features

Easy Maintenance Future Proof Design	Dynamic opening of gear Compartment, Upgradable to solar or any other future technologies
Applications	General Outdoor Lighting, Security Lighting, Sports Lights etc.

Butterfly
Fusion X

SMART LED ROAD LIGHT SERIES

Butterfly[®]
LED LIGHTS
The Future of Lighting