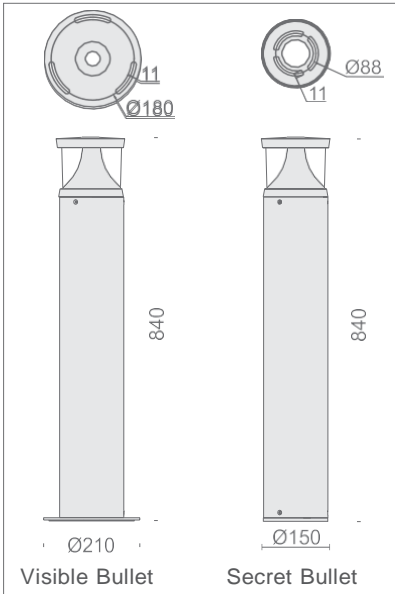




Mechanical Characteristics	
Parameter	Performance
Ingress Protection (IP)	IP65
Body Material	Base= Iron
	Optics=Aluminum
Lens Material	Polycarbonate (PC)
Coating of body	Electrostatic Powder Painting
Weight (Kg)	8.5
Size (Secret installation) (cm)	Ø150 x H840
Size (Visible installation) (cm)	Ø210 x H840
Product Code	Nominal Product Power
369018	18 W



Electrical Characteristics	
Parameter	Performance
Nominal Input Voltage & Frequency (V-AC/Hz)	230/50
Input Voltage Range (V-AC/Hz)	180 - 265/50 - 60
Nominal Power (W)	18
Nominal Input Current (A@V)	0.08@230
Power Factor	0.95 <
LED Module Operating Voltage (V-DC)	30
LED Module Type	None-Integrated
Class of Protection Against Electric Shock	I

Optical Characteristics with White	
Parameter	Performance
Light Source	SMD LED
Number of LEDs (pcs)	20
Nominal Power of Single LED (W)	1.5
Luminous Flux (Lm)	1530
System Luminous Efficiency (Lm/W)	85
Color Temperature (°K)	3000, 4000, 6500
Color Rendering Index	75
SDCM (Initial & Working Value)	5SDCM
Photometric Code	730/559, 740/559, 765/559
Lumen Maintenance Angle (Degrees)	9

Electrical Characteristics with Blue & Green	
Parameter	Performance
Nominal Input Voltage & Frequency (V-AC/Hz)	230/50
Input Voltage Range (V-AC/Hz)	180 - 265/50 - 60
Nominal Power (W)	18
Nominal Input Current (A@V)	0.08@230
Power Factor	0.95 <
Light Source	SMD LED
Number of LEDs (pcs)	20
Nominal Power of Single LED (W)	1.5
Dominant Wave length (nm)	Blue =450 , Green =530
Dominant Wave length dispersal (nm)	5

General Characteristics	
Parameter	Performance
Rated Ambient Temperature (tq) Related to Luminaire Performance (°C)	25
Working Temperature Range (°C)	-20 ~ +50
Maximum Allowed Humidity (%)	95
Rated Median Useful Life	70000
Rated Abrupt Failure Value (%)	15

