

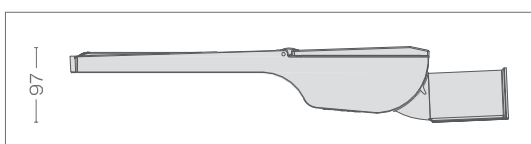
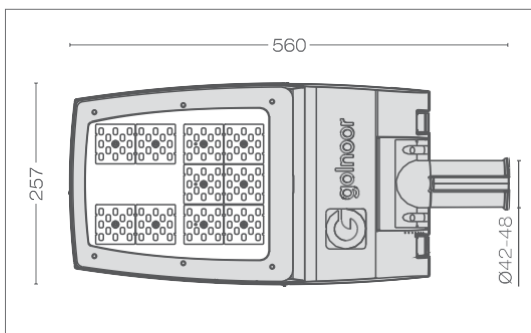
## SETAREH-M



Electrical Characteristics					
Parameter	60W	70W	80W	90W	100W
Nominal Input Voltage & Frequency (V-AC/Hz)	230/50				
Input Voltage Range (V-AC/Hz)	180 - 265/50 - 60				
Nominal Power (W)	60	70	80	90	100
Power Factor	0.95<				
Nominal Input Current (A@V)	0.275 @230	0.320 @230	0.370 @230	0.415 @230	0.460 @230
LED Module Operating Voltage (V-DC)	24				
Total Harmonic Distortion (THD)	%15 ≥				
LED Module Type	None-Integrated				
Class of Protection Against Electric Shock	I				

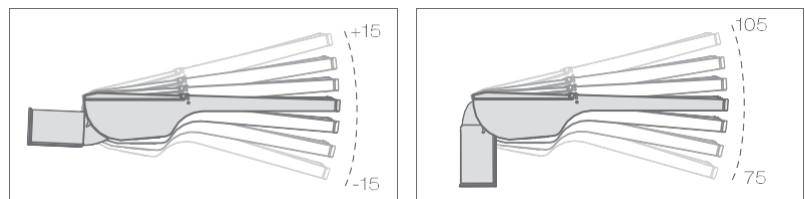
Mechanical Characteristics					
Parameter	60W	70W	80W	90W	100W
Ingress Protection (IP)	IP66				
Body Material	Aluminum die-cast				
Lens Material	Tempered Glass				
Protection against mechanical impacts (IK)	IK07				
Coating of body	Electrostatic Powder painting				
Pipe holder diameter (mm)	Ø 42 - 48				
Weight (Kg)	L560xW257xH97				
Dimension (Cm)	4.6				

Product Code	Nominal Product Power
357060	60W
357070	70W
357080	80W
357090	90W
357100	100W



Optical Characteristics					
Parameter	60W	70W	80W	90W	100W
Light Source	SMD LED (Mid power)				
Number of LEDs (pcs)	72	84	96	108	120
Nominal Power of Single LED (W)	1.5				
Luminous Flux (Lm)	7800	9100	10400	11700	13000
System Luminous Efficiency (Lm/W)	130				
Color Temperature (°K)	5000				
Color Rendering Index	75				
SDCM (Initial & Working Value)	5SDCM				
Photometric Code	750/559				
Lumen Maintenance Angle (Degrees)	9				

Color also available in 3000°K, 4000°K and 6500°K



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

