

SOHEIL 3



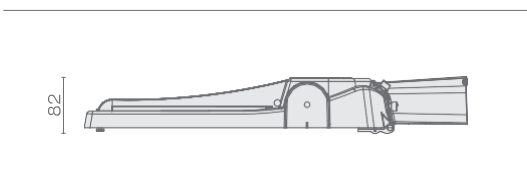
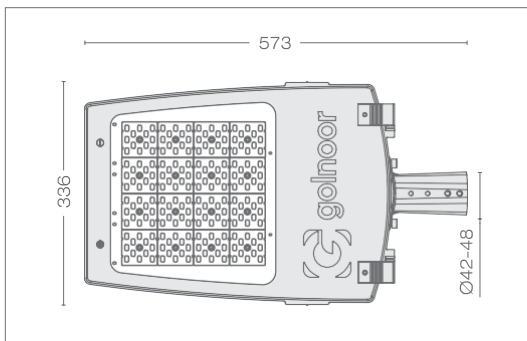
Mechanical Characteristics	
Parameter	200W
Ingress Protection (IP)	IP66
Body Material	Aluminum die-cast
Lens Material	Tempered Glass
Protection against mechanical impacts (IK)	IK07
Coating of body	Electrostatic Powder painting
Pipe holder diameter (mm)	Ø 42 - 48
Weight (Kg)	6.8

Product Code	Nominal Product Power
364200	200W

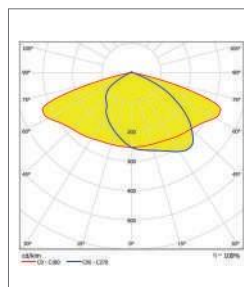
Electrical Characteristics	
Parameter	200W
Nominal Input Voltage & Frequency (V-AC/Hz)	230/50
Input Voltage Range (V-AC/Hz)	180 - 265/50 - 60
Nominal Power (W)	200
Power Factor	0.95<
Nominal Input Current (A@V)	0.92@230
LED Module Operating Voltage (V-DC)	24
Total Harmonic Distortion (THD)	%15 ≥
LED Module Type	None-Integrated
Class of Protection Against Electric Shock	I

Optical Characteristics	
Parameter	200W
Light Source	SMD LED(Mid power)
Number of LEDs (pcs)	192
Nominal Power of Single LED (W)	1.5
Luminous Flux (Lm)	23000
System Luminous Efficiency (Lm/W)	115
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



Photometric Data



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	50000
Rated Abrupt Failure Value (%)	15