



FALCON S



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 Hamriyah Free Zone Sharjah, UAE.

FALCON S 80W

LED STREET LIGHT

- Multiple **Beam** Choices – adaptable for any space.
- Tool free** - Easy maintenance.
- High Luminous efficacy - More light output.
- Efficient Heat Dissipation – Die-cast aluminum housing.
- Consistent Performance & Quality - Delivers stable brightness.



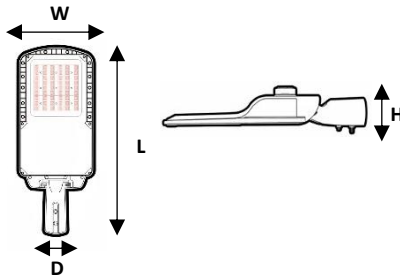
Falcon S-80

Technical		IK08	IP66	UGR <19	CRI >70
Light Source			SMD		-
Luminous Efficacy (subject to a tolerance of ±10%)			160		Lumen / Watt
Correlated Colour Temperature (CCT)			3000/4000/6500		Kelvin
Lifetime			50,000		Hours
McAdam Binning			3		Step
Housing					
Body			Aluminium		Die-cast
Lens / Diffuser			PC Lens		Clear Glass
Reflector			-		
Mounting			Pole		
Thermal					
Ambient Temperature (Ta)			-20 to 50		°Celsius
Storage Temperature (Ts)			-20 to 50		°Celsius
Humidity			10 to 95		RH(%)

ELECTRICAL CHARACTERISTICS

Control Option	ON/OFF	1-10V	
Rated Power	80	Watts	
Input Current (@ 230V)	0.34	Amps	
Input Voltage	100 to 240	VAC	
Frequency	50 to 60	Hertz	
Output Current	0.83	Amps	
Output Voltage	48 to 143	VDC	
Power Factor	≥0.9		

DIMENSIONAL DETAILS



All measurements are in mm

L	W	H	Arm Dia	Weight
570	200	88	68	4.3 Kg

PHOTOMETRIC DETAILS

Beam Angle	95.5°
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