



TTL Ephesus M3S / TTL M3H



Luminaire type :

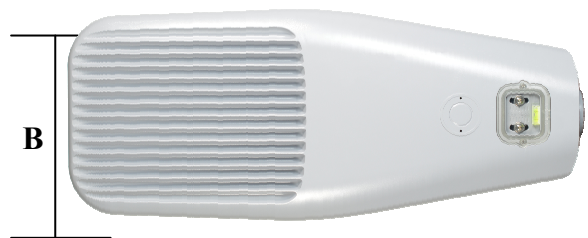
LED-Top or Side mounted luminaire

Pole height:

TTL M3S / M3H up to 12 m

Application areas :

ME class roads and parking lots



*Special finish on request

Product specifications	TTL M3S-90	TTL M3S-108	TTL M3H-75
Luminous flux	10.400 lm ± %10	12.500 lm ± %10	10.400 lm ± %10
Power consumption	90 W	108 W	75 W
Color	Neutral White		
Color temperature*	4000 K, Different color temperature optional		
color rendering	CRI > 70		
System efficiency	115 lm/W		139 lm/W
Beam Angle	Asymmetrical		
Optical system	PMMA Lenses optics		
System life	>100.000 h at 25°		
Operating temperature	-40° - +50° C		
Enclosure rating, Protection class	IP66, Protection class I		
Dimmable	Optional Auto dimming, PLC or HNS (half-night switching)		

Electrical characteristics	
Mains voltage / frequency	220 ~ 240VAC / 50 ~ 60Hz
Mode of operation	Constant Current
Power factor	PF > 0,9
Maintenance factor	0,89
Certifications	ENEC 10, VDE Pending

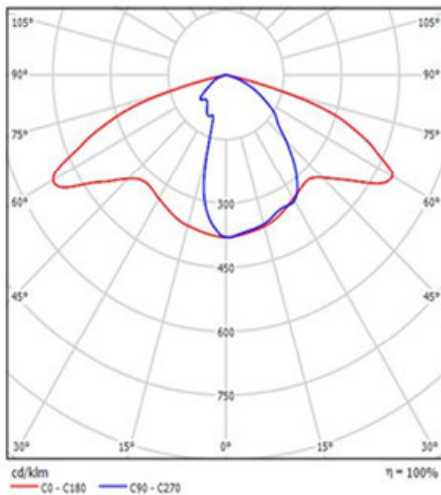
Mechanical characteristics	
Dimensions (LxWxH)	866 x 370 x 94 mm
Housing / Surface	Diecast aluminum / powder coating
Impact resistance (IK)	IK08, 4mm safety glass
Weight	11 kg



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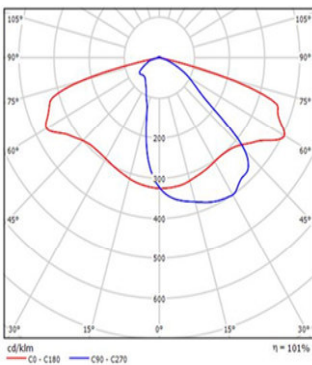
Photometric data TTL M3S / TTL M3H

Light distribution V1 - Standard

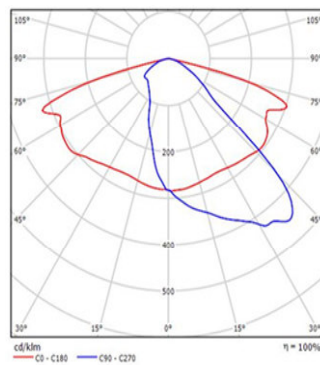


There are different optical modules for the Street Lighting available to ensure optimal light distribution. Here some typical street optics. Other optics for enhanced requirements available!

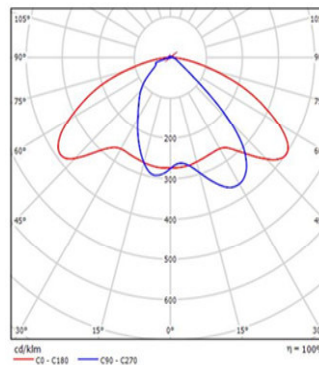
Light distribution V2



Light distribution V3



Light distribution V4



Light distribution V5

