



## TTL Ephesus M4S / TTL M4H



**Luminaire type :**

LED-Top or Side mounted luminaire

**Pole height:**

TTL M4S / M4H up to 10 m

**Application areas :**

ME class roads and parking lots



\*Special finish on request

Product specifications	TTL M4S-68	TTL M4H-48
Luminous flux	7800 lm ± %10	7000 lm ± %10
Power consumption	68 W	48 W
Color	Neutral White	
Color temperature*	4000 K, Different color temperature optional	
color rendering	CRI > 70	
System efficiency	115 lm/W	145 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

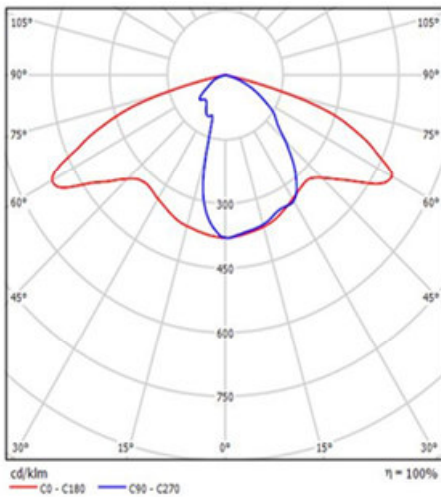
Mechanical characteristics	
Dimensions (LxWxH)	637 x 374.3 x 85.4mm
Housing / Surface	Diecast aluminum / powder coating
Impact resistance (IK)	IK08, 4mm safety glass
Weight	9,5 kg



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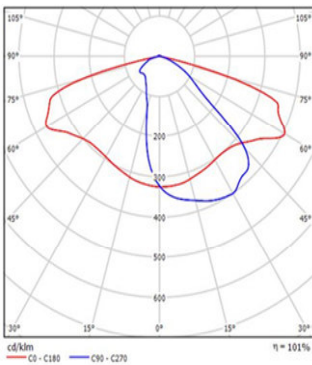
### Photometric data TTL M4S / TTL M4H

#### Light distribution V1 - Standard

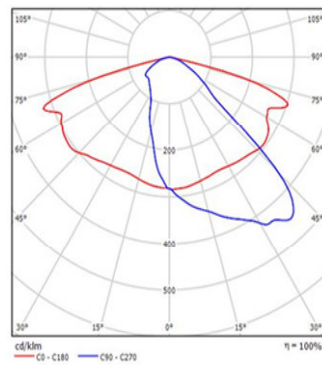


**There are different optical modules for the Street Lighting available to ensure optimal light distribution. Here some typical street optics. Other optics for enhanced requirements available!**

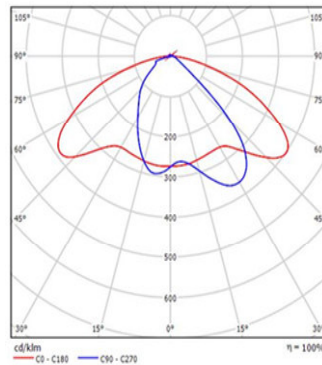
#### Light distribution V2



#### Light distribution V3



#### Light distribution V4



#### Light distribution V5

