

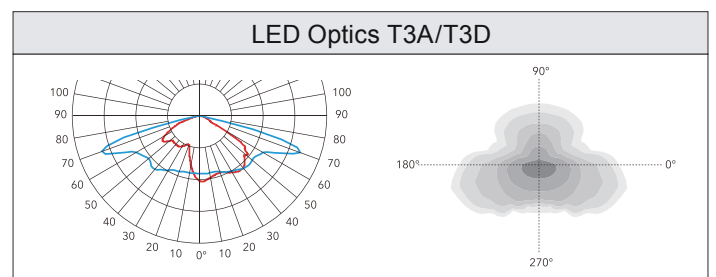
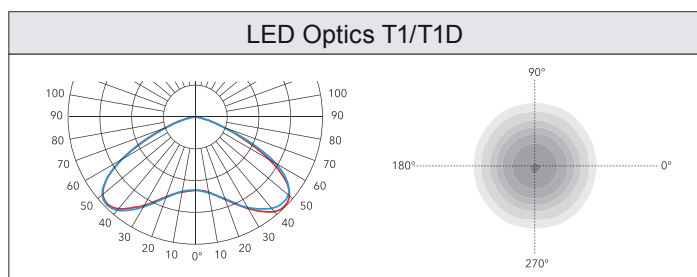


A classic crown luminaire inspired by traditional railway gas lanterns. Supplied with an elegant bracket for pole mounting and in a range of outputs.

- Die-cast aluminium housing with polycarbonate diffuser.
- Optical lenses offering visual comfort and uniform light distribution.
- High quality LED chips and driver with in built surge protection up to 20KV.
- Classic design supplied with pole mounting bracket.
- UV protected pure polyester powder coated housing offering high corrosion resistance.
- Suitable for use with a range of controls and remote management systems.
- All external screws are 304 stainless steel as standard.
- RAL9005, other RAL colours available on request.



Optics



Product Specification

CODE	OPTIC	LED Qty	CCT	LUMENS	CRI	POWER	IP	IK	WEIGHT
CAL-S60	T1	36	3000/4000	8310/8910	>70	60W	IP66	IK08	11.2
CAL-S60	T3A			8100/8700					
CAL-S80	T1	36	3000/4000	10960/11850	>70	80W	IP66	IK08	11.2
CAL-S80	T3A			10800/11600					
CAL-S100	T1	36	3000/4000	13650/14650	>70	100W	IP66	IK08	11.2
CAL-S100	T3A			13500/14500					
CAL-M120	T1	48	3000/4000	16270/17350	>70	120W	IP66	IK08	13.8
CAL-M120	T3A			15600/16800					
CAL-M150	T1	48	3000/4000	20190/21640	>70	150W	IP66	IK08	13.8
CAL-M150	T3A			19500/21000					
CAL-M180	T1	64	3000/4000	24400/25830	>70	180W	IP66	IK08	14
CAL-M180	T3A			23400/25200					

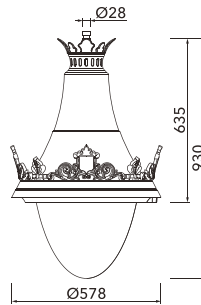
General Specification

Input voltage	220-240V
Input frequency	50/60Hz
Surge protection	20KV
LED Chips	Philips 5050
Lifetime	L70 100,000hours L80 70,000 hours L90 34,000 hours
SDCM	SDCM<6
Class	Class I
Ambient temperature	-20°C to +50°C
Material	High pressure die-cast aluminium housing with PC cover
Finish	Polyester powder coat cured under heat
RAL colour	RAL9005

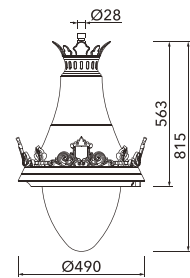
Driver Details

Product	CAL-S60	CAL-S80	CAL-S100	CAL-M120	CAL-M150	CAL-M180
Driver	PHILIPS LP					
Dimming control	1-10V					
Driver current	780mA	710mA	870mA	800mA	980mA	770mA
Inrush current	35A, 210µs	48A, 278µs	48A, 278µs	45A, 315µs	45A, 315µs	65A, 378µs
Power factor	0.95	0.95	0.95	0.95	0.95	0.95

Dimensions



CAL-M



CAL-S