

PL910 POLE MOUNTED LED LUMINAIRE

PL910 is a professional-grade pole light series engineered for performance-critical outdoor applications, with power outputs available up to 240W. Designed with a compact architectural form and adjustable mounting configuration, the PL910 supports standard spigot entry sizes, making it equally suited to retrofit upgrades and new infrastructure deployments.

ELECTRICAL PARAMETERS

Input Voltage:	120-277VAC
Power Consumption:	Power Options 20W-240W
LED Driver Classification:	Constant Current Integral
Light Source Classification:	Philips SMD3030

MECHANICAL SPECIFICATIONS

Minimum IK Rating:	IK08
IP Protection Rating:	IP66
Nominal Body Dimensions:	215mm
Nominal Body Length:	479mm / 591mm
Construction Material:	Aluminium
Spigot Configuration:	Suitable for Spigot OD 60mm
Recommended Ambient Temp:	-20°C - 60°C



CONFIGURATION OPTIONS

Available in dark grey finish

Optional sensor and PE photocell by request

1-10V dimmable control available by request



PHOTOMETRIC INFORMATION

Typical Lumen Efficacy:	130-170lm/W
CCT Colour Temperature:	3000K / 4000K / 5000K / 5700K
Typical Colour Rendering (Ra):	>80Ra
Light Distribution Options:	TII / TIII / TIV IES Options

CONTROL OPTIONS

PL910 can be customised or configured according to the needs of your project. Dimming and control options are available by special request. Control protocols include DALI, Casambi, Wireless, 1-10V, analogue dimming.

CASAMBI



COMPLIANCE & CERTIFICATION

IESNA2002

AS/NZS60598, LM79, LM80

Lifespan: Exceeds L80B20 >50,000HRS

ORDERING INFORMATION

Model Number:	PL910
Specify LED CCT:	3000K / 4000K / 5000K / 5700K
Specify Wattage Size:	Refer to Table
Specify Optic	TII / TIII / TIV IES Options
Colour Finish:	Dark Grey (GY) / Custom
Optional Accessory:	Wall Mounted Spigot Bracket
Control Option:	Non-Dimmable / 1-10V / PE Cell / Sensor

All product details are subject to change without notice. Final specifications may vary.



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sales reps:



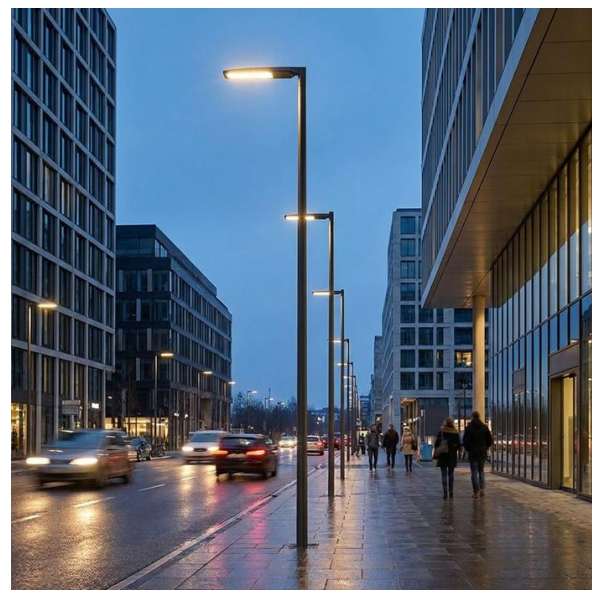
mobile: 0488 839 917



mobile: 0488 844 503



LUMINAIRE SHOWN MOUNTED TO TR6
SERIES POLE
(POLES AVAILABLE SEPARATELY)



GENERAL INFORMATION	
Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)
HOUSING AND FINISH	
Housing	Diecasting aluminium
Optic	Polycarbonate
Protector	Glass
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 7040
OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-35°C to + 50°C
Operating Humidity	10-90%RH
Mounting Option	Vertical pole mounted
Warranty	5 years
PERFORMANCE	
Power	20W/30W/40W/50W/60W/70W/80W/90W/ 100W/110W/120W/130W/140W/150W/ 160W/170W/180W/190W/200W/210W/ 220W/230W/240W
Efficacy	130-170lm/W
Power Efficiency	≥85%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

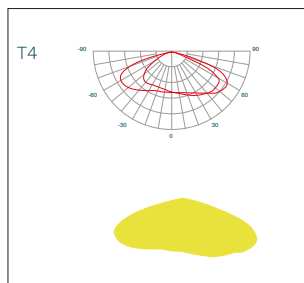
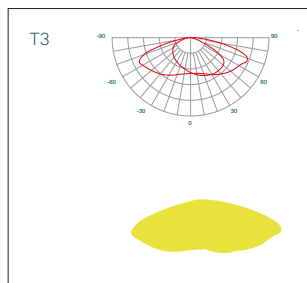
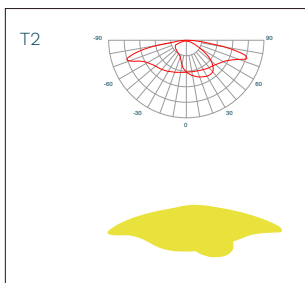
ELECTRICAL INFORMATION	
Electrical Class	Class I
Nominal Voltage	120-277V 50/60Hz
Power factor (at fullload)	0.95@120VAC
Surge Protection Options (KV)	10KV-Line-Line / 10KV-Line-Earth
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Withstand Voltage	1.5KV 60S 10mA
OPTICAL INFORMATION	
LED Type	SMD3030
Beam Angle	T2 / T3 / T4
Recommended installation height	6m to 12m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour Temperature	3000K / 4000K / 5000K / 5700K / 6500K
Colour Rendering Index (CRI)	CRI>80 standard CRI>90 optional
Upward Light Output Ratio (ULOR)	0%
LIFETIME OF THE LEDS @ TA 25°C	
All configurations	
L70B50	> 100,000h
L80B20	> 50,000h
L90B10	> 30,000h
Switching Cycles	> 100,000 times

※Lamp switch must control L line or control L and N lines.

※Ra measurement tolerance is ±2.

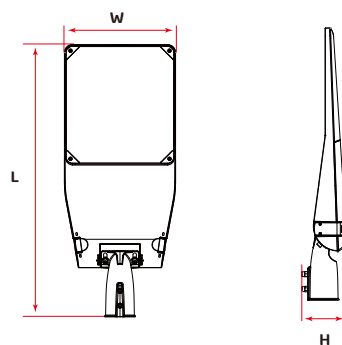


LIGHT DISTRIBUTIONS

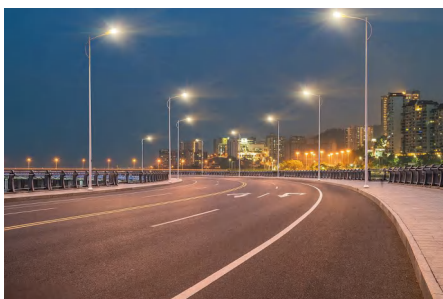


TYPICAL SIZE OPTIONS

Power	Size
20W/30W/30W	L506.9*W208.8*H102mm
50W/60W/70W	L575.8*W208.8*H118.9mm
80W/90W/100W/ 110W/120W	L632.3*W244.9*H120.3mm
130W/140W/150W	L682.3*W244.9*H120.3mm
160W/170W/180W/ 190W/200W/210W/ 220W/230W/240W	L732.3*W298.9*H120.3mm



Adjustable
Spigot
Orientation



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