



Kingfisher Lighting

Part of the LUCECO group of companies

Datasheet

The I-TRON Series



Specification Text

The I-TRON shall be manufactured from high-pressure die-cast aluminium and shall be powder coated with an anthracite grey marine grade finish. It shall have Zhaga D4i certification. It shall have a power output ranging between 11.9W - 100.0W, with an efficacy from 136.0 - 156.0 lm/W. It shall produce 1,680 - 14,640 luminaire lumens. The I-TRON shall utilise reflector-based optics to create a comfortable low glare illumination with distributions to suit pathway and street applications. It shall have a fully programmable DALI driver. The luminaire shall come in 2700K, 3000K and 4000K and be rated IK09 and IP66 with post top and side entry options. The I-TRON will suit many functional projects

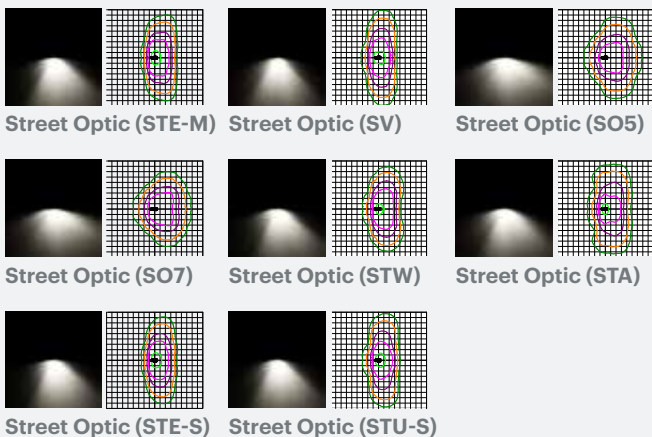
For DarkSky Specifications, the luminaire shall produce a CCT of 2700K.



Specification

Weight:	6.0 kg
Windage:	0.03 m ² - 0.13 m ²
Material:	Die-cast Aluminium
Paint Finish:	Semi-Gloss Satin Grey

Optics



Product Description

The I-TRON Series is a high-performance street light. The modular lens and reflector based system with high-transparency tempered glass offers energy efficient, quality output.

Key Features

- 11.9W - 132.0W
- 1,560 – 19,410 Luminaire Lumens
- Efficacy up to 165 lm/W
- 2700K, 3000K, 4000K, CRI>70
- IP66, IK09
- Lifetime > 100,000hrs, L90, B10
- Marine Grade as Standard
- Programmable
- Part Night Dimming

IP66	IK09	100,000 hrs LIFETIME	
5 YEARS WARRANTY	Marine Grade Finish	EM	Control Compatible

Other Options Available

Contact for further details

- Colour Temperature Options

Mounting Options

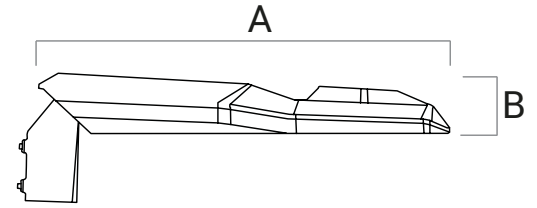
- Stirrup Post Top 60/76mm

Dimming Options

- Constant Light Output
- Programmable
- Part Night Dimming
- Step Dimming

Body Type	A	B	C	D
I-TRON Zero	535	93	295	60/76
I-TRON Micro	430	93	300	60/76

All measurements in mm



Code	Power (W)	Luminaire Lumens (lm)	Drive Current (mA)	Optic	CCT (K)	IP	IK	Weight (kg)	Driver Included	Driver Type
ITRO-PEN-STE-M-7040.60-1M1F	12.0	1,760	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7040.60-2M1F	23.0	3,550	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7040.60-3M1F	34.0	5,330	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7040.180-1M1F	35.0	5,000	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7040.180-2M1F	68.0	9,870	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7040.180-3M1F	100.0	14,750	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7027.60-1M1F	12.0	1,590	60	Street Optic (STE-M)	2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7027.60-2M1F	23.0	3,200	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7027.60-3M1F	33.0	4,800	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7027.180-1M1F	35.0	5,000	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7027.180-2M1F	68.0	9,870	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7027.180-3M1F	100.0	14,750	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STE-M-7040.180-4M1F7016S	132.0	19,410	180		4000	IP66	IK09	6.0	Yes	DALI
ITRMICRO-PEN-STE-M-7040.180-1M1F7016S	35.0	5,000	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7040.60-1M1F	12.0	1,760	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7040.60-2M1F	23.0	3,550	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7040.60-3M1F	34.0	5,330	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7040.180-1M1F	35.0	5,000	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7040.180-2M1F	68.0	9,870	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7040.180-3M1F	100.0	14,750	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7027.60-1M1F	12.0	1,590	60	Street Optic (SV)	2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7027.60-2M1F	23.0	3,200	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7027.60-3M1F	33.0	4,800	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7027.180-1M1F	34.0	4,500	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7027.180-2M1F	67.0	8,890	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SV-7027.180-3M1F	100.0	13,280	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7040.60-1M1F	12.0	1,730	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7040.60-2M1F	23.0	3,460	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7040.60-3M1F	34.0	5,210	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7040.180-1M1F	35.0	4,870	180	Street Optic (SO5)	4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7040.180-2M1F	68.0	9,670	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7040.180-3M1F	100.0	14,420	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7027.60-1M1F	12.0	1,560	60		2700	IP66	IK09	6.0	Yes	DALI

Code	Power (W)	Luminaire Lumens (lm)	Drive Current (mA)	Optic	CCT (K)		Weight (kg)	Driver Included	Driver Type	
ITRO-PEN-SO5-7027.60-2M1F	23.0	3,120	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7027.60-3M1F	33.0	4,690	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7027.180-1M1F	34.0	4,380	180	Street Optic (SO5)	2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7027.180-2M1F	67.0	8,700	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO5-7027.180-3M1F	100.0	12,980	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.60-1M1F	12.0	1,730	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.60-2M1F	23.0	3,460	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.60-3M1F	34.0	5,210	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.180-1M1F	35.0	4,870	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.180-2M1F	68.0	9,670	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.180-3M1F	100.0	14,420	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.180-4M1F7016S	132.0	18,980	180	Street Optic (SO7)	4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7027.60-1M1F	12.0	1,560	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7027.60-2M1F	23.0	3,120	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7027.60-3M1F	33.0	4,690	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7027.180-1M1F	34.0	4,380	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7027.180-2M1F	67.0	8,700	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7027.180-3M1F	100.0	12,980	180		2700	IP66	IK09	6.0	Yes	DALI
ITRMICRO-PEN-SO7-7040.180-1M1F7016S	35.0	4,870	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7040.60-1M1F	12.0	1,760	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7040.60-2M1F	23.0	3,550	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7040.60-3M1F	34.0	5,330	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7040.180-1M1F	35.0	5,000	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7040.180-2M1F	68.0	9,870	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7040.180-3M1F	100.0	14,750	180		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7027.60-1M1F	12.0	1,590	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7027.60-2M1F	23.0	3,200	60	Street Optic (STW)	2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7027.60-3M1F	33.0	4,800	60		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7027.180-1M1F	34.0	4,500	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7027.180-2M1F	67.0	8,890	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-STW-7027.180-3M1F	100.0	13,280	180		2700	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.60-1M1F	12.0	1,730	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.60-2M1F	23.0	3,460	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.60-3M1F	34.0	5,210	60		4000	IP66	IK09	6.0	Yes	DALI
ITRO-PEN-SO7-7040.180-1M1F	35.0	4,870	180		4000	IP66	IK09	6.0	Yes	DALI