

LED FLOODLIGHT

FL-I 1 module Series

Techlumen LED Floodlight FL-I offers powerful high-performance lighting.

It is produced in various versions of power and light beam.

The 14° and 30° versions are an ideal solution for lighting large areas.

It is made of aluminum and can be painted with electrostatic powder coating in any RAL color. FL-1 is IP66 and IK09 rated. Anodised Aluminum is optional.

It is produced in versions from 12W to 56W. It is extremely efficient, with a luminous power up to 9098 lm.

The optics are made of PC with high mechanical and thermal resistance. FL-I-1 is produced with 5-year warranty and have L80B20 > 70000h.

DALI

0-10V

Em 3h

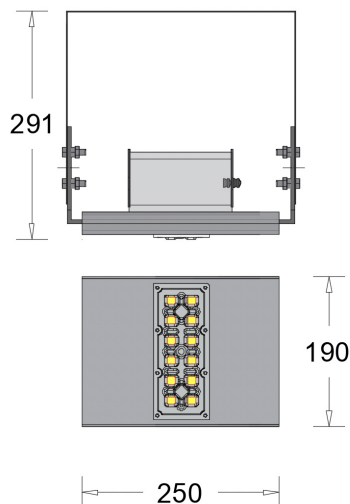
BLUE
TOOTH



Manufactured in Greece



Dimensions



Pros

- Low working temperature
- It produces little heat compared to other types of lighting
- Requires no maintenance
- Long life - 5 years warranty
- Easy installation
- High reliability
- Excellent performance with low power consumption
- High brightness
- High color rendering up to 90 CRI
- Instant start - immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- Resistance to shock and vibration

Type	FL-I - 1 module
Luminous Flux	2028 lm - 9096 lm
Power	12W - 56W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	118 lm/W - 204 lm/W
Power Factor	0,95
Surge Protection	10KV
CRI	70 - 90
CCT	2700K - 5000K
IP Rating	IP66
IK Rating	IK09
Body	Aluminium
EPA	0.045m²
Finishing	Powder Coating - RAL selection
Dimensions	250mm X 190mm X 115mm
Weight	3.7kg
Warranty	5 years
Compliances:	CE EN 60598-1:2012+A11:2022 EN 60598-2-1:2022 EN 60598-2-2:2023 EN 55015:2019+A11:2020 EN 62471:2008 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 EN 61547:2009 EN 62493:2015+A1:2022 ASTM B117-16 EN 60068-2-11 Directive (LVD) 2014/35/EU Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2015/863/EU Directive (GPS) 2015/863/EU Directive (EuP) 2001/95/EC Directive 2009/125/EC EC Regulation 1194/2012

FL-I - 1 module Versions					
Watt	Code	CCT	CRI	Lumens	Lm/W
12W	FL-I-1-827-12	2700	80	2028	169
	FL-I-1-730-12	3000	70	2328	194
	FL-I-1-830-12	3000	80	2100	175
	FL-I-1-740-12	4000	70	2448	204
	FL-I-1-840-12	4000	80	2208	184
	FL-I-1-750-12	5000	70	2448	204
20W	FL-I-1-850-12	5000	80	2225	185
	FL-I-1-950-12	5000	90	2030	169
	FL-I-1-827-20	2700	80	3084	154
	FL-I-1-730-20	3000	70	3528	176
	FL-I-1-830-20	3000	80	3180	159
	FL-I-1-740-20	4000	70	3708	185
26W	FL-I-1-840-20	4000	80	3348	167
	FL-I-1-750-20	5000	70	3708	185
	FL-I-1-850-20	5000	80	3348	167
	FL-I-1-950-20	5000	90	2856	143
	FL-I-1-827-26	2700	80	3816	147
	FL-I-1-730-26	3000	70	4356	168
32W	FL-I-1-830-26	3000	80	3924	151
	FL-I-1-740-26	4000	70	4596	177
	FL-I-1-840-26	4000	80	4140	159
	FL-I-1-750-26	5000	70	4596	177
	FL-I-1-850-26	5000	80	4140	159
	FL-I-1-950-26	5000	90	3540	136
38W	FL-I-1-827-32	2700	80	4524	141
	FL-I-1-730-32	3000	70	5172	162
	FL-I-1-830-32	3000	80	4656	146
	FL-I-1-740-32	4000	70	5448	170
	FL-I-1-840-32	4000	80	4908	153
	FL-I-1-750-32	5000	70	5448	170
38W	FL-I-1-850-32	5000	80	4908	153
	FL-I-1-950-32	5000	90	4200	131
	FL-I-1-827-38	2700	80	5208	137
	FL-I-1-730-38	3000	70	5964	157
	FL-I-1-830-38	3000	80	5376	141
	FL-I-1-740-38	4000	70	6276	165
38W	FL-I-1-840-38	4000	80	5652	149
	FL-I-1-750-38	5000	70	6276	165
	FL-I-1-850-38	5000	80	5652	149
	FL-I-1-950-38	5000	90	4824	127

FL-I - 1 module Versions					
Watt	Code	CCT	CRI	Lumens	Lm/W
44W	FL-I-1-827-44	2700	80	5892	134
	FL-I-1-730-44	3000	70	6732	153
	FL-I-1-830-44	3000	80	6072	138
	FL-I-1-740-44	4000	70	7092	161
	FL-I-1-840-44	4000	80	6384	145
	FL-I-1-750-44	5000	70	7092	161
49W	FL-I-1-850-44	5000	80	6384	145
	FL-I-1-950-44	5000	90	5460	124
	FL-I-1-827-49	2700	80	6480	132
	FL-I-1-730-49	3000	70	7404	151
	FL-I-1-830-49	3000	80	6684	136
	FL-I-1-740-49	4000	70	7800	159
53W	FL-I-1-840-49	4000	80	7032	144
	FL-I-1-750-49	5000	70	7800	159
	FL-I-1-850-49	5000	80	7032	144
	FL-I-1-950-49	5000	90	6000	122
	FL-I-1-827-53	2700	80	6876	130
	FL-I-1-730-53	3000	70	7860	148
56W	FL-I-1-830-53	3000	80	7080	134
	FL-I-1-740-53	4000	70	8268	156
	FL-I-1-840-53	4000	80	7452	141
	FL-I-1-750-53	5000	70	8268	156
	FL-I-1-850-53	5000	80	7452	141
	FL-I-1-950-53	5000	90	6360	120
56W	FL-I-1-827-56	2700	80	7740	138
	FL-I-1-730-56	3000	70	8556	153
	FL-I-1-830-56	3000	80	7908	141
	FL-I-1-740-56	4000	70	9096	162
	FL-I-1-840-56	4000	80	8412	150
	FL-I-1-750-56	5000	70	9096	162
56W	FL-I-1-850-56	5000	80	8412	150
	FL-I-1-950-56	5000	90	7044	125

Polar Intensity Diagram



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ISO 9001:2015
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 ISO 45001:2018
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