

FL-I 2 modules

LED FLOODLIGHTS

Techlumen FL-I series LED Floodlights offer powerful high-performance lighting.

They are produced in various versions of power and light beam.

The 14° and 30° versions are an ideal solution for lighting large areas. It is suitable for installation in columns of >16m height and ideal for stadium, parking spaces and port facilities lighting.

They are made of aluminum and can be painted with electrostatic powder coating in any RAL color. FL-I-2 modules are IP66 and IK09 rated.

They are produced in versions from 64W to 118W. They are extremely efficient, with a luminous power up to 18072 lm.

The optics are made of PC with high mechanical and thermal resistance. Optionally they can be made of anodized aluminum.

FL-I are produced with 5-year and 7-year warranty and have L80B20 > 70000h.



Applications

- Stadiums
- Exhibitions
- Gyms
- Industries
- Warehouses
- Tunnels

DALI

0-10V

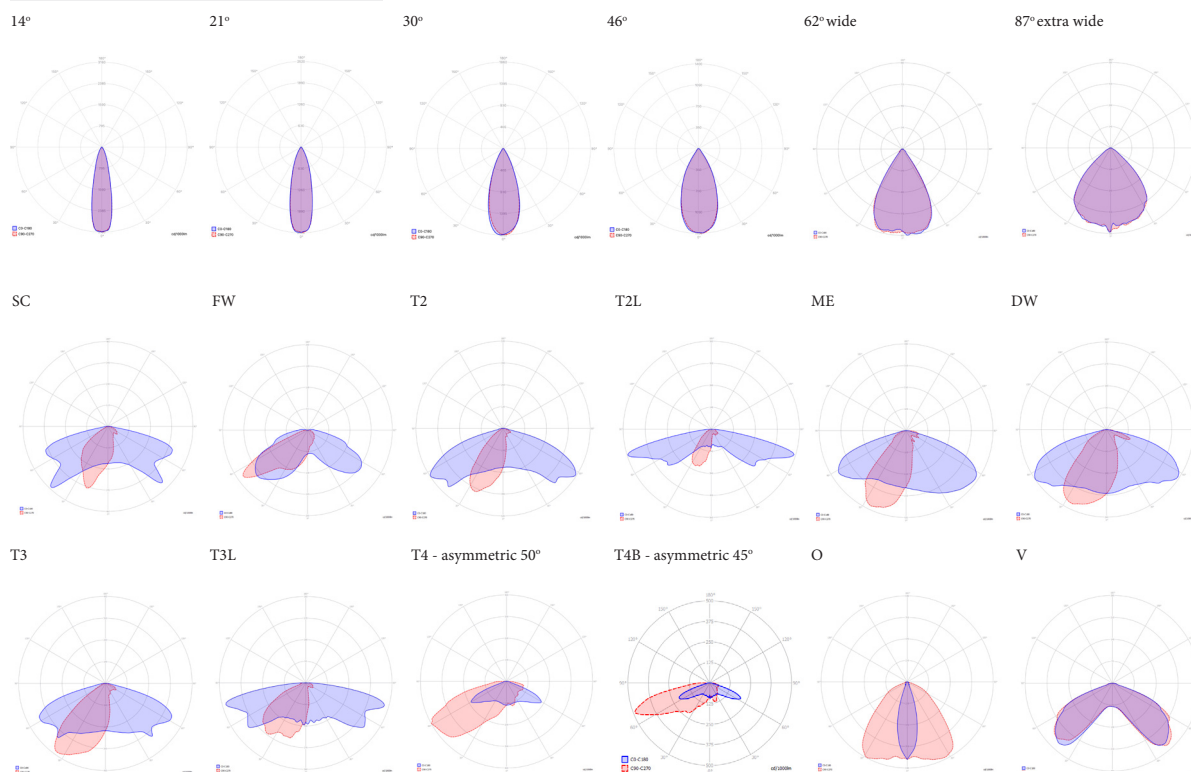
Em 3h

BLUE
TOOTH

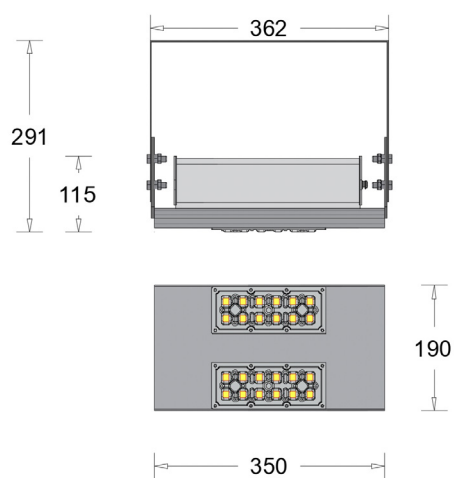
Manufactured in Greece



Polar Intensity Diagram



FL-I 2 modules dimensions





Type	FL-I - 2 modules
Luminous Flux	8400 lm - 18072 lm
Power	64W - 118W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	118 - 170 lm/W
Power Factor	0.95
Surge Protection	10KV
CRI	70 - 90
CCT	2700K - 5000K
IP Rating	IP66
IK Rating	IK09
Body	Aluminium
EPA	0,066m²
Finishing	Powder Coating - RAL selection
Dimensions	350mm X 190mm X 115mm
Weight	4.5 kg
Warranty	5 years
Compliances:	CE EN 60598-1:2021+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 - 2 modules Versions						
Watt	Code	CCT	CRI	Lumens	Lm/W	
64W	FL-I-2-827-64	2700	80	9048	141	
	FL-I-2-730-64	3000	70	10344	162	
	FL-I-2-830-64	3000	80	9312	146	
	FL-I-2-740-64	4000	70	10896	170	
	FL-I-2-840-64	4000	80	9816	153	
	FL-I-2-750-64	5000	70	10896	170	
76W	FL-I-2-850-64	5000	80	9816	153	
	FL-I-2-950-64	5000	90	8400	131	
	FL-I-2-827-76	2700	80	10416	137	
	FL-I-2-730-76	3000	70	11928	157	
	FL-I-2-830-76	3000	80	10752	141	
	FL-I-2-740-76	4000	70	12552	165	
88W	FL-I-2-840-76	4000	80	11304	149	
	FL-I-2-750-76	5000	70	12552	165	
	FL-I-2-850-76	5000	80	11304	149	
	FL-I-2-950-76	5000	90	9648	127	
	FL-I-2-827-88	2700	80	11784	134	
	FL-I-2-730-88	3000	70	13464	153	
97W	FL-I-2-830-88	3000	80	12144	138	
	FL-I-2-740-88	4000	70	14184	161	
	FL-I-2-840-88	4000	80	12768	145	
	FL-I-2-750-88	5000	70	14184	161	
	FL-I-2-850-88	5000	80	12768	145	
	FL-I-2-950-88	5000	90	10920	124	
97W	FL-I-2-827-97	2700	80	12960	134	
	FL-I-2-730-97	3000	70	14808	153	
	FL-I-2-830-97	3000	80	13368	138	
	FL-I-2-740-97	4000	70	15600	161	
	FL-I-2-840-97	4000	80	14064	145	
	FL-I-2-750-97	5000	70	15600	161	
97W	FL-I-2-850-97	5000	80	14064	145	
	FL-I-2-950-97	5000	90	12000	124	

FL-I - 2 modules Versions						
Watt	Code	CCT	CRI	Lumens	Lm/W	
100W	FL-I-2-827-100	2700	80	13104	131	
	FL-I-2-730-100	3000	70	14976	150	
	FL-I-2-830-100	3000	80	13488	135	
	FL-I-2-740-100	4000	70	15768	158	
	FL-I-2-840-100	4000	80	14208	142	
	FL-I-2-750-100	5000	70	15768	158	
106W	FL-I-2-850-100	5000	80	14208	142	
	FL-I-2-950-100	5000	90	12144	121	
	FL-I-2-827-106	2700	80	13752	130	
	FL-I-2-730-106	3000	70	15720	148	
	FL-I-2-830-106	3000	80	14160	134	
	FL-I-2-740-106	4000	70	16536	156	
112W	FL-I-2-840-106	4000	80	14904	141	
	FL-I-2-750-106	5000	70	16536	156	
	FL-I-2-850-106	5000	80	14904	141	
	FL-I-2-950-106	5000	90	12720	120	
	FL-I-2-827-112	2700	80	14376	128	
	FL-I-2-730-112	3000	70	16440	147	
118W	FL-I-2-830-112	3000	80	14832	132	
	FL-I-2-740-112	4000	70	17328	155	
	FL-I-2-840-112	4000	80	15600	139	
	FL-I-2-750-112	5000	70	17328	155	
	FL-I-2-850-112	5000	80	15600	139	
	FL-I-2-950-112	5000	90	13344	119	
118W	FL-I-2-827-118	2700	80	15768	134	
	FL-I-2-730-118	3000	70	17160	145	
	FL-I-2-830-118	3000	80	15480	131	
	FL-I-2-740-118	4000	70	18072	153	
	FL-I-2-840-118	4000	80	16296	138	
	FL-I-2-750-118	5000	70	18072	153	
118W	FL-I-2-850-118	5000	80	16296	138	
	FL-I-2-950-118	5000	90	13920	118	

- 50°C upon request