



FL-I 18 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 are IP66 and IK09 rated.

They are produced in versions from 735W to 1010W. They are extremely efficient, with a luminous power up to 155952 lm.

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

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

Applications

- Stadiums
- Exhibitions
- Gyms
- Industries
- Warehouses

DALI

0-10V

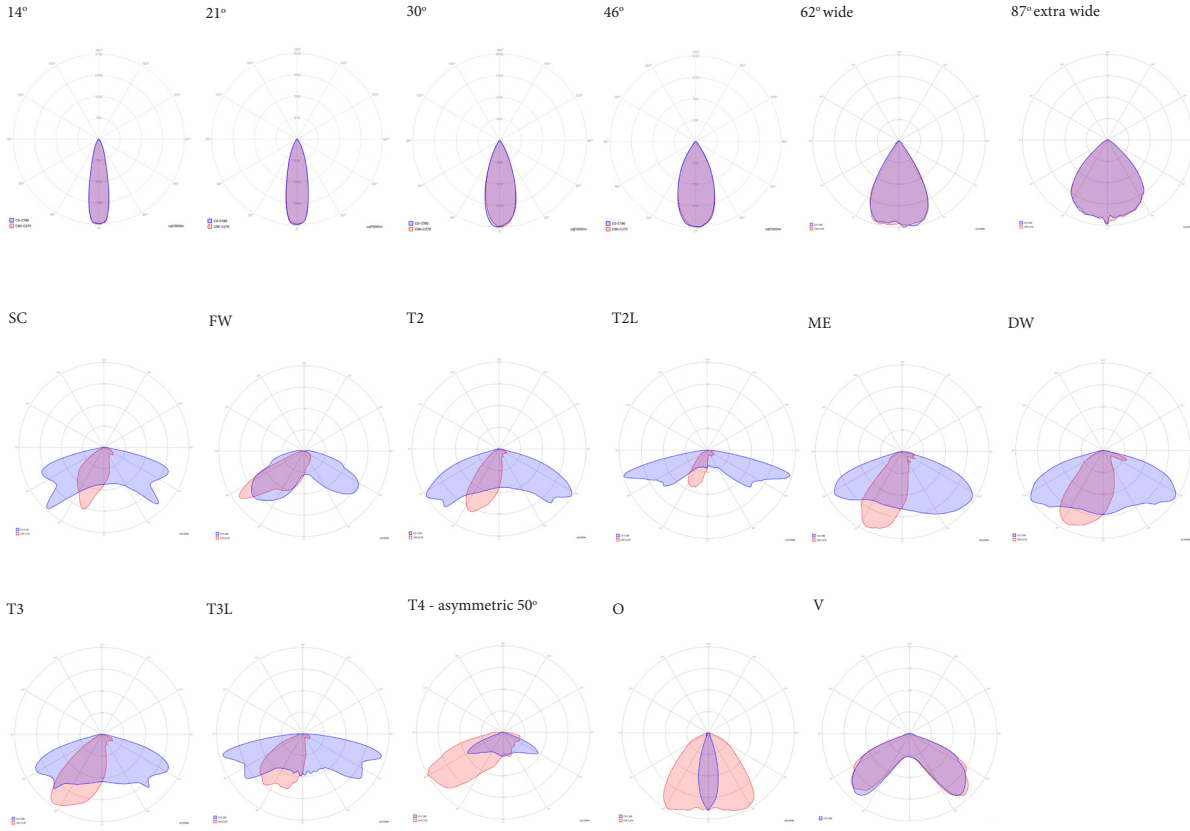
Em 3h

BLUE
TOOTH

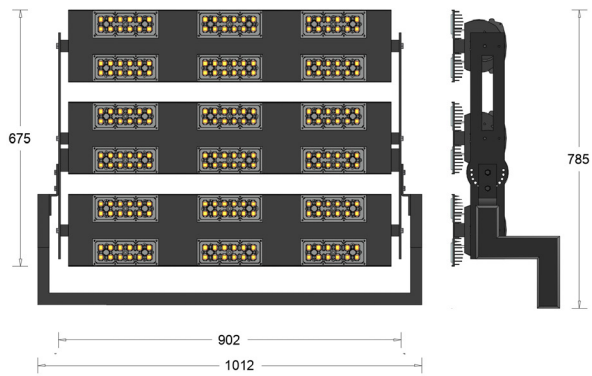
Manufactured in Greece



Polar Intensity Diagram



FL-I 18 modules dimensions





Type	FL-I - 18 modules
Luminous Flux	86832 lm - 163728 lm
Power	735W - 1010W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	121 - 162 lm/W
Power Factor	0,95
Surge Protection	10KV
CRI	70 - 90
CCT	2700K - 5000K
IP Rating	IP66
IK Rating	IK09
Body	Aluminium
EPA	0,47m ²
Finishing	Powder Coating - RAL selection
Dimensions	902mm X 715mm X 523mm
Weight	37,5 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



FLJ - 18 modules Versions						
Watt	Code	CCT	CRI	Lumens	Lm/W	
735W	FL-I-18-827-735	2700	80	93744	128	
	FL-I-18-730-735	3000	70	107352	146	
	FL-I-18-830-735	3000	80	96768	132	
	FL-I-18-740-735	4000	70	112968	154	
	FL-I-18-840-735	4000	80	101736	138	
	FL-I-18-750-735	5000	70	112968	154	
	FL-I-18-850-735	5000	80	101736	138	
790W	FL-I-18-827-790	2700	80	106056	134	
	FL-I-18-730-790	3000	70	121176	153	
	FL-I-18-830-790	3000	80	109296	138	
	FL-I-18-740-790	4000	70	127656	162	
	FL-I-18-840-790	4000	80	114912	145	
	FL-I-18-750-790	5000	70	127656	162	
	FL-I-18-850-790	5000	80	114912	145	
890W	FL-I-18-827-890	2700	80	116640	131	
	FL-I-18-730-890	3000	70	133272	150	
	FL-I-18-830-890	3000	80	120312	135	
	FL-I-18-740-890	4000	70	140400	158	
	FL-I-18-840-890	4000	80	126576	142	
	FL-I-18-750-890	5000	70	140400	158	
	FL-I-18-850-890	5000	80	126576	142	
	FL-I-18-950-890	5000	90	108000	121	

FLJ - 18 modules Versions						
Watt	Code	CCT	CRI	Lumens	Lm/W	
900W	FL-I-18-827-900	2700	80	117936	131	
	FL-I-18-730-900	3000	70	134784	150	
	FL-I-18-830-900	3000	80	121392	135	
	FL-I-18-740-900	4000	70	141912	158	
	FL-I-18-840-900	4000	80	127872	142	
	FL-I-18-750-900	5000	70	141912	158	
	FL-I-18-850-900	5000	80	127872	142	
950W	FL-I-18-827-950	2700	80	123768	139	
	FL-I-18-730-950	3000	70	141480	149	
	FL-I-18-830-950	3000	80	127440	134	
	FL-I-18-740-950	4000	70	148824	157	
	FL-I-18-840-950	4000	80	134136	141	
	FL-I-18-750-950	5000	70	148824	157	
	FL-I-18-850-950	5000	80	134136	141	
1010W	FL-I-18-827-1010	2700	80	139320	138	
	FL-I-18-730-1010	3000	70	154008	152	
	FL-I-18-830-1010	3000	80	142344	141	
	FL-I-18-740-1010	4000	70	163728	162	
	FL-I-18-840-1010	4000	80	151416	150	
	FL-I-18-750-1010	5000	70	163728	162	
	FL-I-18-850-1010	5000	80	151416	150	
	FL-I-18-950-1010	5000	90	126792	125	

- 50°C upon request

AFOI TSIOLAKI & SIA OE GP
 Industrial Zone of Thessaloniki
 Greece
 T: +302310 798 335
 F: +302310 799 868

ISO 9001:2015
 ISO 14001:2015
 ISO 45001:2018
 ISO 50001:2018
 e-mail: info@techlumen.gr
www.techlumen.gr

 facebook.com/Techlumen
 @Techlumen
 linkedin.com/company/tsiolakis-construction