



## FL-I 4-modules

### LED FLOODLIGHTS

Techlumen FL 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 are IP66 and IK09 rated.

FL-I-4 module are produced in versions from 128W to 224W.

They are extremely efficient, with a luminous power up to 36384 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

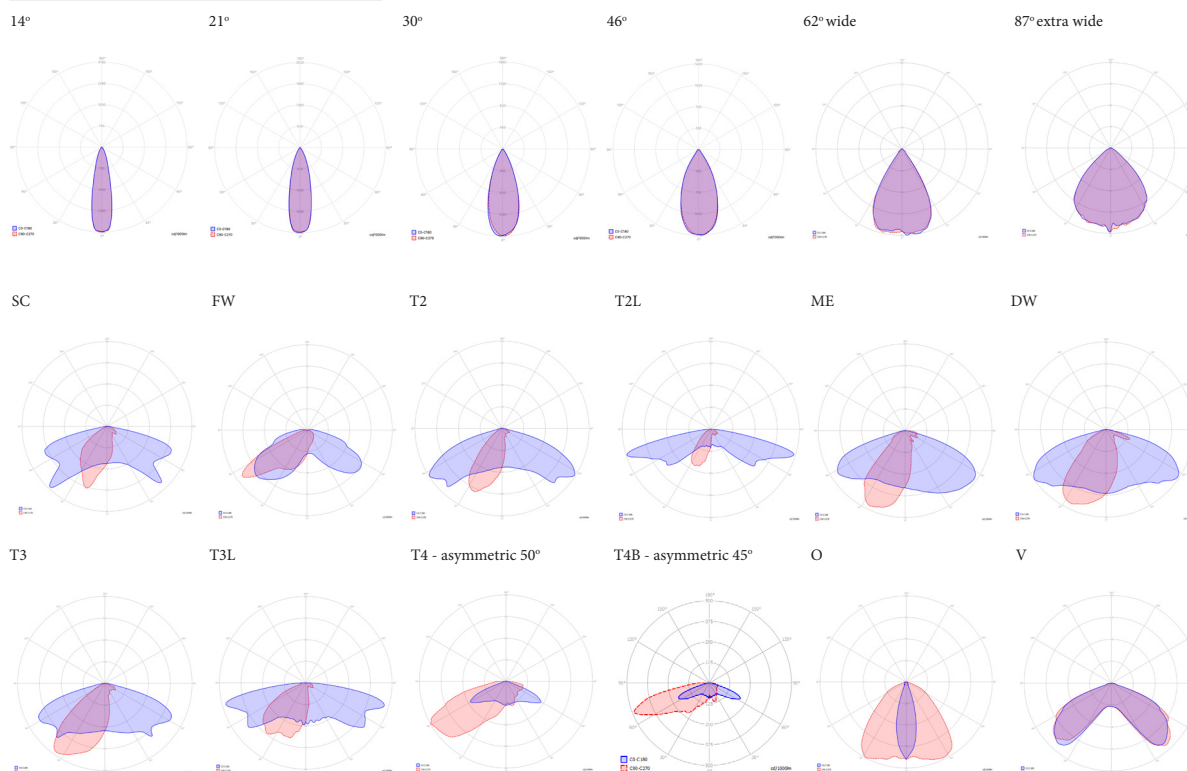
Em 3h

BLUE  
TOOTH

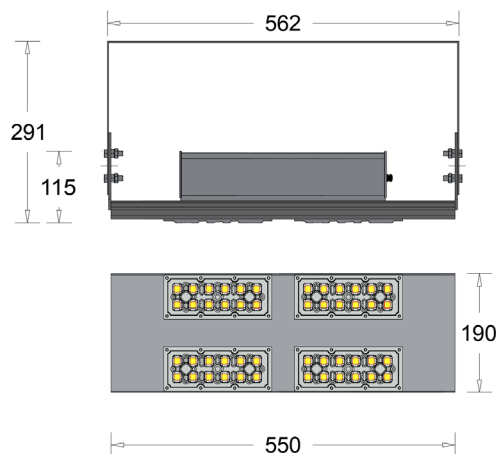
Manufactured in Greece



## Polar Intensity Diagram



## FL-I 4 modules dimensions





Type	FL-I - 4 modules
Luminous Flux	16800 lm - 36384 lm
Power	128W - 224W
Ambient Temperature	-30 °C - + 40 °C
Efficacy	119 - 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	0,095m²
Finishing	Powder Coating - RAL selection
Dimensions	550mm X 190mm X 115mm
Weight	7.8 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 - 4 modules Versions					
Watt	Code	CCT	CRI	Lumens	Lm/W
128W	FL-I-4-827-128	2700	80	18096	141
	FL-I-4-730-128	3000	70	20888	162
	FL-I-4-830-128	3000	80	18624	146
	FL-I-4-740-128	4000	70	21792	170
	FL-I-4-840-128	4000	80	19632	153
	FL-I-4-750-128	5000	70	21792	170
	FL-I-4-850-128	5000	80	19632	153
152W	FL-I-4-950-128	5000	90	16800	131
	FL-I-4-827-152	2700	80	20832	137
	FL-I-4-730-152	3000	70	23856	157
	FL-I-4-830-152	3000	80	21504	141
	FL-I-4-740-152	4000	70	25104	165
	FL-I-4-840-152	4000	80	22608	149
	FL-I-4-750-152	5000	70	25104	165
175W	FL-I-4-850-152	5000	80	22608	149
	FL-I-4-950-152	5000	90	19296	127
	FL-I-4-827-175	2700	80	23568	135
	FL-I-4-730-175	3000	70	26928	154
	FL-I-4-830-175	3000	80	24288	139
	FL-I-4-740-175	4000	70	28368	162
	FL-I-4-840-175	4000	80	25536	146
194W	FL-I-4-750-175	5000	70	28368	162
	FL-I-4-850-175	5000	80	25536	146
	FL-I-4-950-175	5000	90	21840	125
	FL-I-4-827-194	2700	80	25920	134
	FL-I-4-730-194	3000	70	29616	153
	FL-I-4-830-194	3000	80	26736	138
	FL-I-4-740-194	4000	70	31200	161
	FL-I-4-840-194	4000	80	28128	145
	FL-I-4-750-194	5000	70	31200	161
	FL-I-4-850-194	5000	80	28128	145
	FL-I-4-950-194	5000	90	24000	124


FL-I - 4 modules Versions					
Watt	Code	CCT	CRI	Lumens	Lm/W
200W	FL-I-4-827-200	2700	80	26208	131
	FL-I-4-730-200	3000	70	29952	150
	FL-I-4-830-200	3000	80	26976	135
	FL-I-4-740-200	4000	70	31536	158
	FL-I-4-840-200	4000	80	28416	142
	FL-I-4-750-200	5000	70	31536	158
	FL-I-4-850-200	5000	80	28416	142
210W	FL-I-4-950-200	5000	90	24288	121
	FL-I-4-827-210	2700	80	26940	128
	FL-I-4-730-210	3000	70	30785	147
	FL-I-4-830-210	3000	80	27725	132
	FL-I-4-740-210	4000	70	32410	154
	FL-I-4-840-210	4000	80	29205	139
	FL-I-4-750-210	5000	70	32410	154
224W	FL-I-4-850-210	5000	80	29205	139
	FL-I-4-950-210	5000	90	24960	119
	FL-I-4-827-224	2700	80	30960	138
	FL-I-4-730-224	3000	70	34224	152
	FL-I-4-830-224	3000	80	31632	141
	FL-I-4-740-224	4000	70	36384	162
	FL-I-4-840-224	4000	80	33648	150
	FL-I-4-750-224	5000	70	36384	162
	FL-I-4-850-224	5000	80	33648	150
	FL-I-4-950-224	5000	90	28176	128


- 50°C upon request

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