



FLOODLIGHT

HIGH EFFICIENCY
LED INDUSTRIAL LUMINAIRES
MADE IN THE EU

 Address

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Slovenia, EUROPE


 Contact info


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 luxtella

TECHNICAL DATA

Luxtella industrial luminaires are technical luminaires that are designed to fulfil the most demanding lighting conditions to illuminate industrial areas like warehouses and production halls.

Mechanical characteristics
<ul style="list-style-type: none"> Housing made of casted and extruded aluminium As a standard equipped with 3 m connecting electrical cable, other lengths are available upon request Finish made of anodisation and dust painted with epoxy paint thermal treatment to ensure long term protection against all weather conditions. RAL 9006 or other upon request All screws are made of stainless steel All gaskets are made of ozone and UV resistant silicone for IP66 protections (Flexible ceiling connector is IP61). IK10 impact resistance


Electrical characteristics
<ul style="list-style-type: none"> 220 - 240 V (50-60 Hz) input 110 - 277 V input voltage range upon request Power factor at full load more than 0,95 Total harmonic distortion (THD) 8 % Up to 94% driver efficiency at full load with the Philips Xitanium LED driver Dimming options: Lumistep, Line switch, DALI, 1 - 10 V and Dynadimmer (autonomous dimming) upon request 6 kV differential mode and 8 kV common mode standard surge protection. 10kV surge protection upon request Protection class I or protection class II Upon request we can program our lamps for DALI smart lighting and supply additional switches, sensors, etc.


LEDs



We use highly efficient & reliable Cree LEDs which ensure long term operation for the lifetime of the luminaire and highest lm/w efficiency in the industry. In the spreadsheet below the total – system W is stated. Below power (W) of lamp is a result in the working mode of lamp (app. 1.5 h after a lamp is turned on). Below lumen is LED lumen. System lumen is available for each optic in IES files and is lower than the LED lumen by app. 5 % (depending on the type of lens). Different colour temperatures are available upon request. The below results in the table are written for 4000 K and 3000 K (average results). Different optics and IES files are available upon request.



No. LED	Current [mA]	Sys power [W]	4000K [lm]	3000K [lm]
12	500	20	2900	2750
	600	24	3350	3200
	700	27	3800	3600
	800	31	4200	4000
	900	35	4600	4350
24	1000	40	4950	4700
	600	45	6650	6300
	700	53	7500	7150
	800	60	8350	7900
	900	68	9100	8650
36	1000	76	9800	9350
	700	78	11200	10600
	800	89	12350	11800
	900	101	13500	12850
48	1000	113	14600	13800
	800	117	16200	15400
	900	132	17700	16850
60	1000	148	19100	18150
	800	146	19900	18900
	900	165	21700	20650
	950	175	22650	21550

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