

# FACTOR LED XL

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP66
<b>Rated power of the luminaire [W]*:</b>	200.00 - 643.00
<b>Luminous flux [lm]*:</b>	28100 - 91600
<b>Colour temperature [K]:</b>	4000
<b>Color rendering index (Ra) &gt;:</b>	70; 80
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	B; C; D
<b>Warranty [years]:</b>	5
<b>Impact resistance:</b>	IK09
<b>Material of the body:</b>	aluminium
<b>Diffuser material:</b>	PC; szyba hartowana
<b>Diffuser type:</b>	matrix led
<b>Beam angle [°]:</b>	15; 20; 35; 50
<b>Mounting version:</b>	top
<b>Dimensions (H/W/T/S) [mm]:</b>	368/624/227;

## CHARACTERISTICS

Very high-power floodlights used in the most demanding investments, professional sports facilities, football stadiums, where sporting events are broadcast by television in accordance with the highest standards. The prototype in the FACTOR family is the highly acclaimed FACTOR LED floodlight, consisting of 1-4 modules with a maximum luminous flux of approx. 150,000 lm. The new FACTOR XL series raises the bar by almost doubling the maximum luminous flux using only three modules and the highest luminous efficacy. All this is thanks to a compact and efficient design, which also translates into lower investment and operating costs for the facility. The exceptional quality of light is ensured by branded LEDs and professional optical systems. Excellent tightness and impact resistance parameters ensure operation in the most difficult weather conditions.

## APPLICATION

Ports, quays, shipyards, drilling platforms and offshore infrastructure, chemical industry and refineries, bridges and infrastructure exposed to marine conditions, lighting on ships and ferries, industrial areas, sports fields, airports, car parks with high humidity and salinity. It can be used and works well both inside industrial, warehouse and sports halls, logistics centres, as well as outside – on sports fields, airports, car parks and manoeuvring areas. It can also illuminate building facades and external architectural elements.

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## AVAILABLE VERSIONS



Click index >>, to see details

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Diffuser material	DIMM DALI	Index
200	4000	28100	80		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489747</a>
200	4000	28100	80		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489709</a>
200	4000	28100	80		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489426</a>
200	4000	28100	80		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489624</a>
200	4000	28100	80		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489662</a>
200	4000	30050	70		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489037</a>
200	4000	30050	70		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489341</a>
200	4000	30050	70		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489303</a>
200	4000	30050	70		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489228</a>
200	4000	30050	70		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489266</a>
244	4000	35550	80	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489785</a>
244	4000	38000	70	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489389</a>
244	4000	38650	80	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489532</a>
244	4000	38650	80	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489471</a>
244	4000	38650	80	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489587</a>
244	4000	41350	70	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489181</a>
244	4000	41350	70	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489082</a>
244	4000	41350	70	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489136</a>
299	4000	44100	80		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489693</a>
299	4000	44100	80		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489655</a>
299	4000	44100	80		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489730</a>
299	4000	44100	80		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489419</a>
299	4000	44100	80		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489617</a>
299	4000	47150	70		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489211</a>
299	4000	47150	70		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489259</a>

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299	4000	47150	70		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489297</a>
299	4000	47150	70		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489334</a>
299	4000	47150	70		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489020</a>
300	4000	46700	80	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489525</a>
300	4000	46700	80	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489570</a>
300	4000	46700	80	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489464</a>
300	4000	49900	70	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489075</a>
300	4000	49900	70	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489129</a>
300	4000	49900	70	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489174</a>
400	4000	56150	80		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489723</a>
400	4000	56150	80		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489402</a>
400	4000	56150	80		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489686</a>
400	4000	56150	80		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489600</a>
400	4000	56150	80		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489648</a>
400	4000	60100	70		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489013</a>
400	4000	60100	70		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489204</a>
400	4000	60100	70		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489280</a>
400	4000	60100	70		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489327</a>
400	4000	60100	70		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489242</a>
447	4000	57700	80	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489778</a>
447	4000	61700	70	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489372</a>
457	4000	66650	80	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489518</a>
457	4000	66650	80	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489457</a>
457	4000	66650	80	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489563</a>
457	4000	71300	70	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489068</a>
457	4000	71300	70	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489112</a>
457	4000	71300	70	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489167</a>
505	4000	67600	80		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489396</a>
505	4000	67600	80		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489594</a>
505	4000	67600	80		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489631</a>

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505	4000	67600	80		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489679</a>
505	4000	67600	80		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489716</a>
505	4000	72300	70		RW10	szyba hartowana	yes	<a href="#">&gt;&gt; 489198</a>
505	4000	72300	70		ASN	szyba hartowana	yes	<a href="#">&gt;&gt; 489273</a>
505	4000	72300	70		ASM	szyba hartowana	yes	<a href="#">&gt;&gt; 489310</a>
505	4000	72300	70		RM7	szyba hartowana	yes	<a href="#">&gt;&gt; 489006</a>
505	4000	72300	70		RW8	szyba hartowana	yes	<a href="#">&gt;&gt; 489235</a>
555	4000	69400	80	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489761</a>
555	4000	74200	70	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489365</a>
555	4000	77500	80	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489501</a>
555	4000	77500	80	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489440</a>
555	4000	77500	80	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489556</a>
555	4000	82900	70	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489051</a>
555	4000	82900	70	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489105</a>
555	4000	82900	70	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489150</a>
625	4000	76000	80	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489754</a>
625	4000	81300	70	15	symmetric	PC	yes	<a href="#">&gt;&gt; 489358</a>
643	4000	85650	80	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489549</a>
643	4000	85650	80	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489433</a>
643	4000	85650	80	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489488</a>
643	4000	91600	70	20	symmetric	PC	yes	<a href="#">&gt;&gt; 489143</a>
643	4000	91600	70	35	symmetric	PC	yes	<a href="#">&gt;&gt; 489044</a>
643	4000	91600	70	50	symmetric	PC	yes	<a href="#">&gt;&gt; 489099</a>

Card creation date: 12 February 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 19/2026