FACTOR LED XL

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Rated power of the luminaire [W]*:	200.00 - 1665.00
Luminous flux [lm]*:	30900 - 248700
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70; 80
Electrical protection class:	I
Energy efficiency class:	B; C; D
Warranty [years]:	5
Impact resistance:	IK09
Material of the body:	aluminium
Diffuser material:	PC; szyba hartowana
Diffuser type:	matrix led
Beam angle [°]:	15; 20; 35; 50
Mounting version:	top
Dimensions (H/W/T/S) [mm]:	368/624/227; 624/227/368; 779/624/238; 1084/624/238;

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. All versions are equipped with DALI power supplies, which can also operate in standard on/off mode.

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

Factor LED XL 1M

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
200	4000	30900	80		ASM	1M	szyba hartowana	yes	>> 489747
200	4000	30900	80		ASN	1M	szyba hartowana	yes	>> 489709
200	4000	30900	80		RM7	1M	szyba hartowana	yes	>> 489426
200	4000	30900	80		RW10	1M	szyba hartowana	yes	>> 489624
200	4000	30900	80		RW8	1M	szyba hartowana	yes	>> 489662
200	4000	33050	70		RM7	1M	szyba hartowana	yes	>> 489037
200	4000	33050	70		ASM	1M	szyba hartowana	yes	>> 489341
200	4000	33050	70		ASN	1M	szyba hartowana	yes	>> 489303
200	4000	33050	70		RW10	1M	szyba hartowana	yes	>> 489228
200	4000	33050	70		RW8	1M	szyba hartowana	yes	>> 489266
244	4000	35550	80	15	symmetric	1M	PC	yes	>> 489785
244	4000	38000	70	15	symmetric	1M	PC	yes	>> 489389
244	4000	38650	80	20	symmetric	1M	PC	yes	>> 489587
244	4000	38650	80	35	symmetric	1M	PC	yes	>> 489471
244	4000	38650	80	50	symmetric	1M	PC	yes	>> 489532
244	4000	41350	70	20	symmetric	1M	PC	yes	>> 489181
244	4000	41350	70	35	symmetric	1M	PC	yes	>> 489082
244	4000	41350	70	50	symmetric	1M	PC	yes	>> 489136
299	4000	44100	80		ASM	1M	szyba hartowana	yes	>> 489730
299	4000	44100	80		ASN	1M	szyba hartowana	yes	>> 489693
299	4000	44100	80		RM7	1M	szyba hartowana	yes	>> 489419
299	4000	44100	80		RW10	1M	szyba hartowana	yes	>> 489617
299	4000	44100	80		RW8	1M	szyba hartowana	yes	>> 489655
299	4000	47150	70		RM7	1M	szyba hartowana	yes	>> 489020

FACTOR LED XL

GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
299	4000	47150	70		ASM	1M	szyba hartowana	yes	>> 489334
299	4000	47150	70		ASN	1M	szyba hartowana	yes	>> 489297
299	4000	47150	70		RW10	1M	szyba hartowana	yes	>> 489211
299	4000	47150	70		RW8	1M	szyba hartowana	yes	>> 489259
300	4000	46700	80	20	symmetric	1M	PC	yes	>> 489570
300	4000	46700	80	35	symmetric	1M	PC	yes	>> 489464
300	4000	46700	80	50	symmetric	1M	PC	yes	>> 489525
300	4000	49900	70	20	symmetric	1M	PC	yes	>> 489174
300	4000	49900	70	35	symmetric	1M	PC	yes	>> 489075
300	4000	49900	70	50	symmetric	1M	PC	yes	>> 489129
400	4000	56150	80		ASM	1M	szyba hartowana	yes	>> 489723
400	4000	56150	80		ASN	1M	szyba hartowana	yes	>> 489686
400	4000	56150	80		RM7	1M	szyba hartowana	yes	>> 489402
400	4000	56150	80		RW10	1M	szyba hartowana	yes	>> 489600
400	4000	56150	80		RW8	1M	szyba hartowana	yes	>> 489648
400	4000	60100	70		RM7	1M	szyba hartowana	yes	>> 489013
400	4000	60100	70		ASM	1M	szyba hartowana	yes	>> 489327
400	4000	60100	70		ASN	1M	szyba hartowana	yes	>> 489280
400	4000	60100	70		RW10	1M	szyba hartowana	yes	>> 489204
400	4000	60100	70		RW8	1M	szyba hartowana	yes	>> 489242
447	4000	57700	80	15	symmetric	1M	PC	yes	>> 489778
447	4000	61700	70	15	symmetric	1M	PC	yes	>> 489372
457	4000	66650	80	20	symmetric	1M	PC	yes	>> 489563
457	4000	66650	80	35	symmetric	1M	PC	yes	>> 489457
457	4000	66650	80	50	symmetric	1M	PC	yes	>> 489518
457	4000	71300	70	20	symmetric	1M	PC	yes	>> 489167
457	4000	71300	70	35	symmetric	1M	PC	yes	>> 489068
457	4000	71300	70	50	symmetric	1M	PC	yes	>> 489112
505	4000	67600	80		ASM	1M	szyba hartowana	yes	>> 489716
505	4000	67600	80		ASN	1M	szyba hartowana	yes	>> 489679

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
505	4000	67600	80		RM7	1M	szyba hartowana	yes	>> 489396
505	4000	67600	80		RW10	1M	szyba hartowana	yes	>> 489594
505	4000	67600	80		RW8	1M	szyba hartowana	yes	>> 489631
505	4000	72300	70		RM7	1M	szyba hartowana	yes	>> 489006
505	4000	72300	70		ASM	1M	szyba hartowana	yes	>> 489310
505	4000	72300	70		ASN	1M	szyba hartowana	yes	>> 489273
505	4000	72300	70		RW10	1M	szyba hartowana	yes	>> 489198
505	4000	72300	70		RW8	1M	szyba hartowana	yes	>> 489235
555	4000	69400	80	15	symmetric	1M	PC	yes	>> 489761
555	4000	74200	70	15	symmetric	1M	PC	yes	>> 489365
555	4000	77500	80	20	symmetric	1M	PC	yes	>> 489556
555	4000	77500	80	35	symmetric	1M	PC	yes	>> 489440
555	4000	77500	80	50	symmetric	1M	PC	yes	>> 489501
555	4000	82900	70	20	symmetric	1M	PC	yes	>> 489150
555	4000	82900	70	35	symmetric	1M	PC	yes	>> 489051
555	4000	82900	70	50	symmetric	1M	PC	yes	>> 489105
625	4000	76000	80	15	symmetric	1M	PC	yes	>> 489754
625	4000	81300	70	15	symmetric	1M	PC	yes	>> 489358
643	4000	85650	80	20	symmetric	1M	PC	yes	>> 489549
643	4000	85650	80	35	symmetric	1M	PC	yes	>> 489433
643	4000	85650	80	50	symmetric	1M	PC	yes	>> 489488
643	4000	91600	70	20	symmetric	1M	PC	yes	>> 489143
643	4000	91600	70	35	symmetric	1M	PC	yes	>> 489044
643	4000	91600	70	50	symmetric	1M	PC	yes	>> 489099

Factor LED XL 2M

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
800	4000	112300	80		ASM	2M	szyba hartowana	yes	>> 493607
800	4000	112300	80		ASN	2M	szyba hartowana	yes	>> 493584
800	4000	112300	80		RM7	2M	szyba hartowana	yes	>> 493461
800	4000	112300	80		RW10	2M	szyba hartowana	yes	>> 493546

FACTOR LED XL

GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
800	4000	112300	80		RW8	2M	szyba hartowana	yes	>> 493560
800	4000	120200	70		ASM	2M	szyba hartowana	yes	>> 493447
800	4000	120200	70		ASN	2M	szyba hartowana	yes	>> 493423
800	4000	120200	70		RM7	2M	szyba hartowana	yes	>> 493317
800	4000	120200	70		RW10	2M	szyba hartowana	yes	>> 493386
800	4000	120200	70		RW8	2M	szyba hartowana	yes	>> 493409
894	4000	115400	80	15	symmetric	2M	PC	yes	>> 493621
914	4000	133300	80	20	symmetric	2M	PC	yes	>> 493522
914	4000	133300	80	35	symmetric	2M	PC	yes	>> 493485
914	4000	133300	80	50	symmetric	2M	PC	yes	>> 493508
914	4000	142600	70	20	symmetric	2M	PC	yes	>> 493362
914	4000	142600	70	35	symmetric	2M	PC	yes	>> 493331
914	4000	142600	70	50	symmetric	2M	PC	yes	>> 489792
1010	4000	135200	80		ASM	2M	szyba hartowana	yes	>> 493591
1010	4000	135200	80		ASN	2M	szyba hartowana	yes	>> 493577
1010	4000	135200	80		RM7	2M	szyba hartowana	yes	>> 493454
1010	4000	135200	80		RW10	2M	szyba hartowana	yes	>> 493539
1010	4000	135200	80		RW8	2M	szyba hartowana	yes	>> 493553
1010	4000	144600	70		ASM	2M	szyba hartowana	yes	>> 493430
1010	4000	144600	70		ASN	2M	szyba hartowana	yes	>> 493416
1010	4000	144600	70		RM7	2M	szyba hartowana	yes	>> 493300
1010	4000	144600	70		RW10	2M	szyba hartowana	yes	>> 493379
1010	4000	144600	70		RW8	2M	szyba hartowana	yes	>> 493393
1110	4000	138800	80	15	symmetric	2M	PC	yes	>> 493614
1110	4000	155000	80	20	symmetric	2M	PC	yes	>> 493515
1110	4000	155000	80	35	symmetric	2M	PC	yes	>> 493478
1110	4000	155000	80	50	symmetric	2M	PC	yes	>> 493492
1110	4000	165800	70	20	symmetric	2M	PC	yes	>> 493355
1110	4000	165800	70	35	symmetric	2M	PC	yes	>> 493324
1110	4000	165800	70	50	symmetric	2M	PC	yes	>> 493348

FACTOR LED XL

GENERAL CARD

Factor LED XL 3M

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
1200	4000	168450	80		ASM	3M	szyba hartowana	yes	>> 493966
1200	4000	168450	80		ASN	3M	szyba hartowana	yes	>> 493942
1200	4000	168450	80		RM7	3M	szyba hartowana	yes	>> 493829
1200	4000	168450	80		RW10	3M	szyba hartowana	yes	>> 493904
1200	4000	168450	80		RW8	3M	szyba hartowana	yes	>> 493928
1200	4000	180300	70		ASM	3M	szyba hartowana	yes	>> 493805
1200	4000	180300	70		ASN	3M	szyba hartowana	yes	>> 493782
1200	4000	180300	70		RM7	3M	szyba hartowana	yes	>> 493669
1200	4000	180300	70		RW10	3M	szyba hartowana	yes	>> 493744
1200	4000	180300	70		RW8	3M	szyba hartowana	yes	>> 493768
1341	4000	173100	80	15	symmetric	3M	PC	yes	>> 493980
1371	4000	199950	80	20	symmetric	3M	PC	yes	>> 493881
1371	4000	199950	80	35	symmetric	3M	PC	yes	>> 493843
1371	4000	199950	80	50	symmetric	3M	PC	yes	>> 493867
1371	4000	213900	70	20	symmetric	3M	PC	yes	>> 493720
1371	4000	213900	70	35	symmetric	3M	PC	yes	>> 493683
1371	4000	213900	70	50	symmetric	3M	PC	yes	>> 493706
1515	4000	202800	80		ASM	3M	szyba hartowana	yes	>> 493959
1515	4000	202800	80		ASN	3M	szyba hartowana	yes	>> 493935
1515	4000	202800	80		RM7	3M	szyba hartowana	yes	>> 493812
1515	4000	202800	80		RW10	3M	szyba hartowana	yes	>> 493898
1515	4000	202800	80		RW8	3M	szyba hartowana	yes	>> 493911
1515	4000	216900	70		ASM	3M	szyba hartowana	yes	>> 493799
1515	4000	216900	70		ASN	3M	szyba hartowana	yes	>> 493775
1515	4000	216900	70		RM7	3M	szyba hartowana	yes	>> 493652
1515	4000	216900	70		RW10	3M	szyba hartowana	yes	>> 493737

FACTOR LED XL

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Color rendering index (Ra) >	Beam angle [°]	Light distribution type	Version	Diffuser material	DIMM DALI	Index
1515	4000	216900	70		RW8	3M	szyba hartowana	yes	>> 493751
1665	4000	208200	80	15	symmetric	3M	PC	yes	>> 493973
1665	4000	232500	80	20	symmetric	3M	PC	yes	>> 493874
1665	4000	232500	80	35	symmetric	3M	PC	yes	>> 493836
1665	4000	232500	80	50	symmetric	3M	PC	yes	>> 493850
1665	4000	248700	70	20	symmetric	3M	PC	yes	>> 493713
1665	4000	248700	70	35	symmetric	3M	PC	yes	>> 493676
1665	4000	248700	70	50	symmetric	3M	PC	yes	>> 493690

FACTOR LED XL

GENERAL CARD

ACCESSORIES AVAILABLE

index	Name
489815	FACTOR LED XL laser sight
489846	Factor LED XL 1M–3M C5M – diffuser



FACTOR LED XL laser sight (489815)



Factor LED XL 1M–3M C5M – diffuser (489846)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 76/2026

LENA LIGHTING

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