

FACTOR LED

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	101.00 - 1124.00
Luminous flux [lm]*:	14600 - 150800
Colour temperature [K]:	4000
Colour rendering index:	>70; >80
SDCM:	≤ 3; ≤ 5
Electrical protection class:	I
Energy efficiency class:	B; C; D
Material of the body:	aluminium
Diffuser material:	PC; tempered glass
Diffuser type:	matrix led; transparent
Beam angle [°]:	15; 30; 45; 60; 90
Mounting version:	top
Warranty [years]:	5

CHARACTERISTICS

Factor Led is a latest-generation floodlight with a high power output and an impressive luminous flux. It is characterized not only by very high luminous efficiency but also by the highest IP 66 tightness and IK09 impact resistance. These parameters have been achieved thanks to the branded components used, robust housing made of cast aluminum, and the use of a passive cooling system for the lamp, which allows the excess heat generated to be dissipated during lamp operation. The Factor Led has the advantage of very fast and easy installation. The lightweight steel arm is attached to the supporting structure (wall, pole), and then the light modules are plugged in. On a single bracket, the installer can plug in a lamp containing from 1 to 4 such modules.

APPLICATION

Very good sealing and impact resistance parameters, the ability to work in elevated temperatures - up to 45 ° C as standard, and an extensive range of spreads predisposes Factor Led lamps to work in harsh weather conditions. It will find application and perform well both inside industrial halls, warehouses, sports halls, logistics centers, and outdoors - on sports fields, airports, parking lots, and maneuvering areas. It can also illuminate the facades of buildings and elements of external architecture.

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AVAILABLE VERSIONS



Click index >>, to see details

FACTOR LED 1 module

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
101	4000	14800	15	PC	C	>80		191/425/217	>> 987212
101	4000	14600	30	PC	C	>80		191/425/217	>> 987229
101	4000	15000	45	PC	C	>80		191/425/217	>> 987236
101	4000	15000	60	PC	C	>80		191/425/217	>> 987243
101	4000	16000	90	PC	B	>80		191/425/217	>> 987250
120	4000	17000	RM7	tempered glass	C	>70		191/425/217	>> 987823
120	4000	17600	PP1	tempered glass	C	>70		191/425/217	>> 987854
120	4000	17200	RM3	tempered glass	C	>70		191/425/217	>> 987885
120	4000	16600	120	tempered glass	C	>70		191/425/217	>> 993695
163	4000	22400	15	PC	C	>80		191/425/217	>> 987410
163	4000	22100	30	PC	D	>80		191/425/217	>> 987427
163	4000	22800	45	PC	C	>80		191/425/217	>> 987434
163	4000	22600	60	PC	C	>80		191/425/217	>> 987441
163	4000	23200	90	PC	C	>80		191/425/217	>> 987458
194	4000	25800	RM7	tempered glass	D	>70		191/425/217	>> 987816
194	4000	26300	PP1	tempered glass	D	>70		191/425/217	>> 987847
194	4000	25800	RM3	tempered glass	D	>70		191/425/217	>> 987878
194	4000	28100	120	tempered glass	D	>70		191/425/217	>> 993688
217	4000	28500	15	PC	D	>80		191/425/217	>> 987618
217	4000	28000	30	PC	D	>80		191/425/217	>> 987625
217	4000	29000	45	PC	D	>80		191/425/217	>> 987632
217	4000	28800	60	PC	D	>80		191/425/217	>> 987649
217	4000	29400	90	PC	D	>80		191/425/217	>> 987656
217	4000	28500	15	PC	D	>80	yes	191/425/217	>> 993329
217	4000	28000	30	PC	D	>80	yes	191/425/217	>> 993336
217	4000	29000	45	PC	D	>80	yes	191/425/217	>> 993343
217	4000	28800	60	PC	D	>80	yes	191/425/217	>> 993350
217	4000	29400	90	PC	D	>80	yes	191/425/217	>> 993367
233	4000	29600	RM7	tempered glass	D	>70		191/425/217	>> 987205

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
233	4000	29700	PP1	tempered glass	D	>70		191/425/217	>> 987830
233	4000	29600	RM3	tempered glass	D	>70		191/425/217	>> 987861
233	4000	28900	lambert	tempered glass	D	>70		191/425/217	>> 987892
233	4000	29600	RM7	tempered glass	D	>70	yes	191/425/217	>> 993527
233	4000	29700	PP1	tempered glass	D	>70	yes	191/425/217	>> 993534
233	4000	29600	RM3	tempered glass	D	>70	yes	191/425/217	>> 993541
233	4000	29000	120	tempered glass	D	>70	yes	191/425/217	>> 993794
281	4000	36500	15	PC	D	>80		191/425/217	>> 987007
281	4000	35900	30	PC	D	>80		191/425/217	>> 987014
281	4000	37100	45	PC	D	>80		191/425/217	>> 987021
281	4000	36900	60	PC	D	>80		191/425/217	>> 987038
281	4000	37700	90	PC	D	>80		191/425/217	>> 987045

FACTOR LED 2 modules

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
202	4000	29600	15	PC	C	>80		385/425/340	>> 987267
202	4000	29200	30	PC	C	>80		385/425/340	>> 987274
202	4000	30000	45	PC	C	>80		385/425/340	>> 987281
202	4000	30000	60	PC	C	>80		385/425/340	>> 987298
202	4000	32000	90	PC	B	>80		385/425/340	>> 987304
240	4000	34000	RM7	tempered glass	C	>70		385/425/340	>> 993022
240	4000	35200	PP1	tempered glass	C	>70		385/425/340	>> 993053
240	4000	34400	RM3	tempered glass	C	>70		385/425/340	>> 993084
240	4000	33200	120	tempered glass	C	>70		385/425/340	>> 993725
326	4000	44800	15	PC	C	>80		385/425/340	>> 987465
326	4000	44200	30	PC	D	>80		385/425/340	>> 987472
326	4000	45600	45	PC	C	>80		385/425/340	>> 987489
326	4000	45200	60	PC	C	>80		385/425/340	>> 987496
326	4000	46400	90	PC	C	>80		385/425/340	>> 987502
388	4000	51600	RM7	tempered glass	D	>70		385/425/340	>> 993015

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
388	4000	52600	PP1	tempered glass	D	>70		385/425/340	>> 993046
388	4000	51600	RM3	tempered glass	D	>70		385/425/340	>> 993077
388	4000	50600	120	tempered glass	D	>70		385/425/340	>> 993718
434	4000	57000	15	PC	D	>80		385/425/340	>> 987663
434	4000	56000	30	PC	D	>80		385/425/340	>> 987670
434	4000	58000	45	PC	D	>80		385/425/340	>> 987687
434	4000	57600	60	PC	D	>80		385/425/340	>> 987694
434	4000	58800	90	PC	D	>80		385/425/340	>> 987700
434	4000	57000	15	PC	D	>80	yes	385/425/340	>> 993374
434	4000	56000	30	PC	D	>80	yes	385/425/340	>> 993381
434	4000	58000	45	PC	D	>80	yes	385/425/340	>> 993398
434	4000	57600	60	PC	D	>80	yes	385/425/340	>> 993404
434	4000	58800	90	PC	D	>80	yes	385/425/340	>> 993411
466	4000	59200	RM7	tempered glass	D	>70		385/425/340	>> 993008
466	4000	59400	PP1	tempered glass	D	>70		385/425/340	>> 993039
466	4000	59200	RM3	tempered glass	D	>70		385/425/340	>> 993060
466	4000	59200	RM7	tempered glass	D	>70	yes	385/425/340	>> 993558
466	4000	59400	PP1	tempered glass	D	>70	yes	385/425/340	>> 993565
466	4000	59200	RM3	tempered glass	D	>70	yes	385/425/340	>> 993572
466	4000	58000	120	tempered glass	D	>70		385/425/340	>> 993701
466	4000	58000	120	tempered glass	D	>70	yes	385/425/340	>> 993800
562	4000	73000	15	PC	D	>80		385/425/340	>> 987052
562	4000	71800	30	PC	D	>80		385/425/340	>> 987069
562	4000	74200	45	PC	D	>80		385/425/340	>> 987076
562	4000	73800	60	PC	D	>80		385/425/340	>> 987083
562	4000	75400	90	PC	D	>80		385/425/340	>> 987090

FACTOR LED 3 modules

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
303	4000	44400	15	PC	C	>80		580/425/340	>> 987311
303	4000	43800	30	PC	C	>80		580/425/340	>> 987328
303	4000	45000	45	PC	C	>80		580/425/340	>> 987335

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
303	4000	45000	60	PC	C	>80		580/425/340	>> 987342
303	4000	48000	90	PC	B	>80		580/425/340	>> 987359
360	4000	51000	RM7	tempered glass	C	>70		580/425/340	>> 993169
360	4000	52800	PP1	tempered glass	C	>70		580/425/340	>> 993190
360	4000	51600	RM3	tempered glass	C	>70		580/425/340	>> 993220
360	4000	49800	120	tempered glass	C	>70		580/425/340	>> 993756
489	4000	67200	15	PC	C	>80		580/425/340	>> 987519
489	4000	66300	30	PC	D	>80		580/425/340	>> 987526
489	4000	68400	45	PC	C	>80		580/425/340	>> 987533
489	4000	67800	60	PC	C	>80		580/425/340	>> 987540
489	4000	69600	90	PC	C	>80		580/425/340	>> 987557
582	4000	77400	RM7	tempered glass	D	>70		580/425/340	>> 993152
582	4000	78900	PP1	tempered glass	D	>70		580/425/340	>> 993183
582	4000	77400	RM3	tempered glass	D	>70		580/425/340	>> 993213
582	4000	75900	120	tempered glass	D	>70		580/425/340	>> 993749
651	4000	85500	15	PC	D	>80		580/425/340	>> 987717
651	4000	84000	30	PC	D	>80		580/425/340	>> 987724
651	4000	87000	45	PC	D	>80		580/425/340	>> 987731
651	4000	86400	60	PC	D	>80		580/425/340	>> 987748
651	4000	88200	90	PC	D	>80		580/425/340	>> 987755
651	4000	85500	15	PC	D	>80	yes	580/425/340	>> 993428
651	4000	84000	30	PC	D	>80	yes	580/425/340	>> 993435
651	4000	87000	45	PC	D	>80	yes	580/425/340	>> 993442
651	4000	86400	60	PC	D	>80	yes	580/425/340	>> 993459
651	4000	88200	90	PC	D	>80	yes	580/425/340	>> 993466
699	4000	88800	RM7	tempered glass	D	>70		580/425/340	>> 993145
699	4000	89100	PP1	tempered glass	D	>70		580/425/340	>> 993176
699	4000	88800	RM3	tempered glass	D	>70		580/425/340	>> 993206
699	4000	88800	RM7	tempered glass	D	>70	yes	580/425/340	>> 993589
699	4000	89100	PP1	tempered glass	D	>70	yes	580/425/340	>> 993596
699	4000	88800	RM3	tempered glass	D	>70	yes	580/425/340	>> 993602

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
699	4000	87000	120	tempered glass	D	>70		580/425/340	>> 993732
699	4000	87000	120	tempered glass	D	>70	yes	580/425/340	>> 993817
843	4000	109500	15	PC	D	>80		580/425/340	>> 987106
843	4000	107700	30	PC	D	>80		580/425/340	>> 987113
843	4000	111300	45	PC	D	>80		580/425/340	>> 987120
843	4000	110700	60	PC	D	>80		580/425/340	>> 987137
843	4000	113100	90	PC	D	>80		580/425/340	>> 987144

FACTOR LED 4 modules

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
404	4000	59200	15	PC	C	>80		774/425/340	>> 987366
404	4000	58400	30	PC	C	>80		774/425/340	>> 987373
404	4000	60000	45	PC	C	>80		774/425/340	>> 987380
404	4000	60000	60	PC	C	>80		774/425/340	>> 987397
404	4000	64000	90	PC	B	>80		774/425/340	>> 987403
480	4000	68000	RM7	tempered glass	C	>70		774/425/340	>> 993251
480	4000	70400	PP1	tempered glass	C	>70		774/425/340	>> 993282
480	4000	68000	RM3	tempered glass	C	>70		774/425/340	>> 993312
480	4000	66400	120	tempered glass	C	>70		774/425/340	>> 993787
652	4000	89600	15	PC	C	>80		774/425/340	>> 987564
652	4000	88400	30	PC	D	>80		774/425/340	>> 987571
652	4000	91200	45	PC	C	>80		774/425/340	>> 987588
652	4000	90400	60	PC	C	>80		774/425/340	>> 987595
652	4000	92800	90	PC	C	>80		774/425/340	>> 987601
776	4000	103200	RM7	tempered glass	D	>70		774/425/340	>> 993244
776	4000	105200	PP1	tempered glass	D	>70		774/425/340	>> 993275
776	4000	103200	RM3	tempered glass	D	>70		774/425/340	>> 993305
776	4000	101200	120	tempered glass	D	>70		774/425/340	>> 993770
868	4000	114000	15	PC	D	>80		774/425/340	>> 987762
868	4000	112000	30	PC	D	>80		774/425/340	>> 987779
868	4000	116000	45	PC	D	>80		774/425/340	>> 987786
868	4000	115200	60	PC	D	>80		774/425/340	>> 987793
868	4000	117600	90	PC	D	>80		774/425/340	>> 987809

FACTOR LED

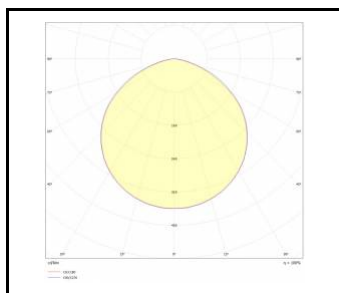
GENERAL CARD

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Energy efficiency class	Colour rendering index	DIMM DALI	Dimensions (H/W/T/S) [mm]	Index
868	4000	114000	15	PC	D	>80	yes	774/425/340	>> 993473
868	4000	112000	30	PC	D	>80	yes	774/425/340	>> 993480
868	4000	116000	45	PC	D	>80	yes	774/425/340	>> 993497
868	4000	115200	60	PC	D	>80	yes	774/425/340	>> 993503
868	4000	117600	90	PC	D	>80	yes	774/425/340	>> 993510
932	4000	118400	RM7	tempered glass	D	>70		774/425/340	>> 993237
932	4000	118800	PP1	tempered glass	D	>70		774/425/340	>> 993268
932	4000	118400	RM3	tempered glass	D	>70		774/425/340	>> 993299
932	4000	118400	RM7	tempered glass	D	>70	yes	774/425/340	>> 993619
932	4000	118800	PP1	tempered glass	D	>70	yes	774/425/340	>> 993626
932	4000	118400	RM3	tempered glass	D	>70	yes	774/425/340	>> 993633
932	4000	116000	120	tempered glass	D	>70		774/425/340	>> 993763
932	4000	116000	120	tempered glass	D	>70	yes	774/425/340	>> 993824
1124	4000	146000	15	PC	D	>80		774/425/340	>> 987151
1124	4000	143600	30	PC	D	>80		774/425/340	>> 987168
1124	4000	148400	45	PC	D	>80		774/425/340	>> 987175
1124	4000	147600	60	PC	D	>80		774/425/340	>> 987182
1124	4000	150800	90	PC	D	>80		774/425/340	>> 987199

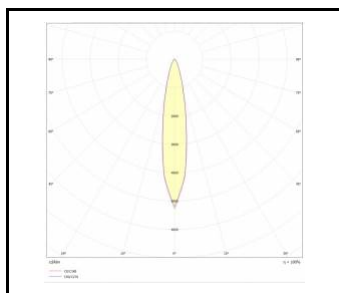
FACTOR LED

GENERAL CARD

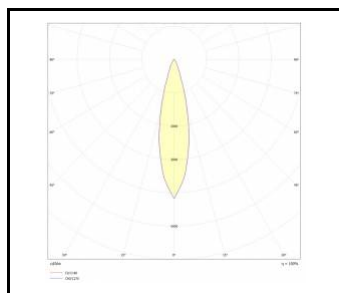
LUMINOUS INTENSITY DISTRIB. CURVE



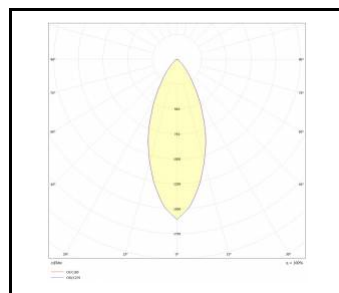
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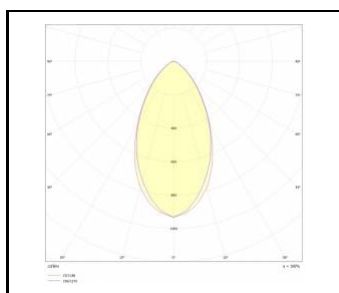
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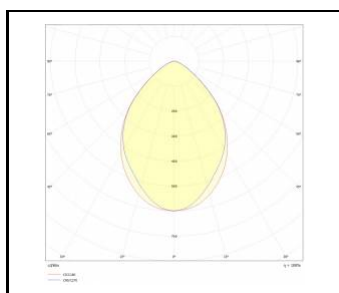
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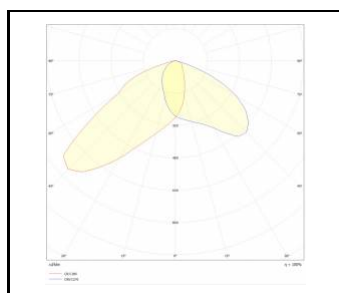
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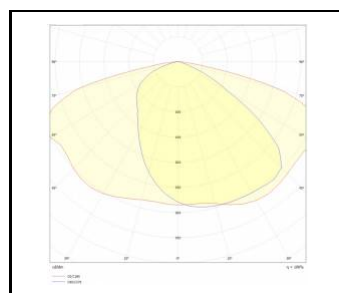
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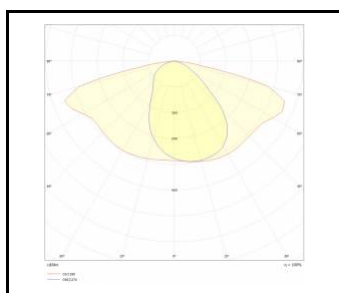
90D



PP1



RM3



RM7

Card creation date: 15 May 2024

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: 262/2023



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