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
Color rendering index (Ra) >:	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 [°]:	10; 15; 30; 45; 60; 90; 120; ASM2; ASN2; PP1; RM3; RM7; RW10; lambert
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.

FACTOR LED

GENERAL CARD

AVAILABLE VERSIONS

Click index >>, to see details

FACTOR LED 1 module

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
101	14800	15	PC	80			1 module		191/425/217	>> 987212
101	14600	30	PC	80			1 module		191/425/217	>> 987229
101	15000	45	PC	80			1 module		191/425/217	>> 987236
101	15000	60	PC	80			1 module		191/425/217	>> 987243
101	16000	90	PC	80			1 module		191/425/217	>> 987250
120	17000	RM7	tempered glass	70			1 module		191/425/217	>> 987823
120	17600	PP1	tempered glass	70			1 module		191/425/217	>> 987854
120	17200	RM3	tempered glass	70			1 module		191/425/217	>> 987885
120	16600	120	tempered glass	70			1 module		191/425/217	>> 993695
122	19900	RW10	tempered glass	80		yes	1 module		191/425/217	>> 994678
122	20000	ASM2	tempered glass	80		yes	1 module		191/425/217	>> 994661
122	20000	ASN2	tempered glass	80		yes	1 module		191/425/217	>> 994654
163	22400	15	PC	80			1 module		191/425/217	>> 987410
163	22100	30	PC	80			1 module		191/425/217	>> 987427
163	22800	45	PC	80			1 module		191/425/217	>> 987434
163	22600	60	PC	80			1 module		191/425/217	>> 987441
163	23200	90	PC	80			1 module		191/425/217	>> 987458
166	21400	10	PC	70			1 module		191/425/217	>> 684685
166	21400	10	PC	80			1 module		191/425/217	>> 684678
194	25800	RM7	tempered glass	70			1 module		191/425/217	>> 987816
194	26300	PP1	tempered glass	70			1 module		191/425/217	>> 987847
194	25800	RM3	tempered glass	70			1 module		191/425/217	>> 987878
194	28100	120	tempered glass	70			1 module		191/425/217	>> 993688
194	28300	RW10	tempered glass	80		yes	1 module		191/425/217	>> 994739
194	28500	ASM2	tempered glass	80		yes	1 module		191/425/217	>> 994722
194	28500	ASN2	tempered glass	80		yes	1 module		191/425/217	>> 994715

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
217	28500	15	PC	80			1 module		191/425/217	>> 987618
217	28000	30	PC	80			1 module		191/425/217	>> 987625
217	29000	45	PC	80			1 module		191/425/217	>> 987632
217	28800	60	PC	80			1 module		191/425/217	>> 987649
217	29400	90	PC	80			1 module		191/425/217	>> 987656
217	28500	15	PC	80	yes		1 module		191/425/217	>> 993329
217	28000	30	PC	80	yes		1 module		191/425/217	>> 993336
217	29000	45	PC	80	yes		1 module		191/425/217	>> 993343
217	28800	60	PC	80	yes		1 module		191/425/217	>> 993350
217	29400	90	PC	80	yes		1 module		191/425/217	>> 993367
233	29600	RM7	tempered glass	70			1 module		191/425/217	>> 987205
233	29700	PP1	tempered glass	70			1 module		191/425/217	>> 987830
233	29600	RM3	tempered glass	70			1 module		191/425/217	>> 987861
233	28900	lambert	tempered glass	70			1 module		191/425/217	>> 987892
233	29600	RM7	tempered glass	70	yes		1 module		191/425/217	>> 993527
233	29700	PP1	tempered glass	70	yes		1 module		191/425/217	>> 993534
233	29600	RM3	tempered glass	70	yes		1 module		191/425/217	>> 993541
233	29000	120	tempered glass	70	yes		1 module		191/425/217	>> 993794
234	33000	RW10	tempered glass	80		yes	1 module		191/425/217	>> 994791
234	33100	ASM2	tempered glass	80		yes	1 module		191/425/217	>> 994784
234	33100	ASN2	tempered glass	80		yes	1 module		191/425/217	>> 994777
281	36500	15	PC	80			1 module		191/425/217	>> 987007
281	35900	30	PC	80			1 module		191/425/217	>> 987014
281	37100	45	PC	80			1 module		191/425/217	>> 987021
281	36900	60	PC	80			1 module		191/425/217	>> 987038
281	37700	90	PC	80			1 module		191/425/217	>> 987045
281	35900	30	PC	80			1 module	Metal peszel	191/425/217	>> 684272

FACTOR LED 2 modules

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
202	29600	15	PC	80			2 modules		385/425/340	>> 987267
202	29200	30	PC	80			2 modules		385/425/340	>> 987274

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
202	30000	45	PC	80			2 modules		385/425/340	>> 987281
202	30000	60	PC	80			2 modules		385/425/340	>> 987298
202	32000	90	PC	80			2 modules		385/425/340	>> 987304
240	34000	RM7	tempered glass	70			2 modules		385/425/340	>> 993022
240	35200	PP1	tempered glass	70			2 modules		385/425/340	>> 993053
240	34400	RM3	tempered glass	70			2 modules		385/425/340	>> 993084
240	33200	120	tempered glass	70			2 modules		385/425/340	>> 993725
244	40000	ASM2	tempered glass	80		yes	2 modules		385/425/340	>> 683138
244	40000	ASN2	tempered glass	80		yes	2 modules		385/425/340	>> 683121
244	40000	RW10	tempered glass	80		yes	2 modules		385/425/340	>> 683145
326	44800	15	PC	80			2 modules		385/425/340	>> 987465
326	44200	30	PC	80			2 modules		385/425/340	>> 987472
326	45600	45	PC	80			2 modules		385/425/340	>> 987489
326	45200	60	PC	80			2 modules		385/425/340	>> 987496
326	46400	90	PC	80			2 modules		385/425/340	>> 987502
332	42800	10	PC	70			2 modules		385/425/340	>> 684715
332	42800	10	PC	80			2 modules		385/425/340	>> 684708
388	51600	RM7	tempered glass	70			2 modules		385/425/340	>> 993015
388	52600	PP1	tempered glass	70			2 modules		385/425/340	>> 993046
388	51600	RM3	tempered glass	70			2 modules		385/425/340	>> 993077
388	50600	120	tempered glass	70			2 modules		385/425/340	>> 993718
388	56500	RW10	tempered glass	80		yes	2 modules		385/425/340	>> 683176
388	57000	ASM2	tempered glass	80		yes	2 modules		385/425/340	>> 683169
388	57000	ASN2	tempered glass	80		yes	2 modules		385/425/340	>> 683152
434	57000	15	PC	80			2 modules		385/425/340	>> 987663
434	56000	30	PC	80			2 modules		385/425/340	>> 987670
434	58000	45	PC	80			2 modules		385/425/340	>> 987687
434	57600	60	PC	80			2 modules		385/425/340	>> 987694
434	58800	90	PC	80			2 modules		385/425/340	>> 987700
434	57000	15	PC	80	yes		2 modules		385/425/340	>> 993374
434	56000	30	PC	80	yes		2 modules		385/425/340	>> 993381

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
434	58000	45	PC	80	yes		2 modules		385/425/340	>> 993398
434	57600	60	PC	80	yes		2 modules		385/425/340	>> 993404
434	58800	90	PC	80	yes		2 modules		385/425/340	>> 993411
466	59200	RM7	tempered glass	70			2 modules		385/425/340	>> 993008
466	59400	PP1	tempered glass	70			2 modules		385/425/340	>> 993039
466	59200	RM3	tempered glass	70			2 modules		385/425/340	>> 993060
466	59200	RM7	tempered glass	70	yes		2 modules		385/425/340	>> 993558
466	59400	PP1	tempered glass	70	yes		2 modules		385/425/340	>> 993565
466	59200	RM3	tempered glass	70	yes		2 modules		385/425/340	>> 993572
466	58000	120	tempered glass	70			2 modules		385/425/340	>> 993701
466	58000	120	tempered glass	70	yes		2 modules		385/425/340	>> 993800
468	66200	ASN2	tempered glass	80		yes	2 modules		385/425/340	>> 683183
468	66000	RW10	tempered glass	80		yes	2 modules		385/425/340	>> 683206
468	66200	ASM2	tempered glass	80		yes	2 modules		385/425/340	>> 683190
562	73000	15	PC	80			2 modules		385/425/340	>> 987052
562	71800	30	PC	80			2 modules		385/425/340	>> 987069
562	74200	45	PC	80			2 modules		385/425/340	>> 987076
562	73800	60	PC	80			2 modules		385/425/340	>> 987083
562	75400	90	PC	80			2 modules		385/425/340	>> 987090
562	71800	30	PC	80			2 modules	Metal peszel	385/425/340	>> 684289

FACTOR LED 3 modules

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
303	44400	15	PC	80			3 modules		580/425/340	>> 987311
303	43800	30	PC	80			3 modules		580/425/340	>> 987328
303	45000	45	PC	80			3 modules		580/425/340	>> 987335
303	45000	60	PC	80			3 modules		580/425/340	>> 987342
303	48000	90	PC	80			3 modules		580/425/340	>> 987359
360	51000	RM7	tempered glass	70			3 modules		580/425/340	>> 993169
360	52800	PP1	tempered glass	70			3 modules		580/425/340	>> 993190

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
360	51600	RM3	tempered glass	70			3 modules		580/425/340	>> 993220
360	49800	120	tempered glass	70			3 modules		580/425/340	>> 993756
366	60000	ASM2	tempered glass	80		yes	3 modules		580/425/340	>> 683220
366	60000	ASN2	tempered glass	80		yes	3 modules		580/425/340	>> 683213
366	60000	RW10	tempered glass	80		yes	3 modules		580/425/340	>> 683237
489	67200	15	PC	80			3 modules		580/425/340	>> 987519
489	66300	30	PC	80			3 modules		580/425/340	>> 987526
489	68400	45	PC	80			3 modules		580/425/340	>> 987533
489	67800	60	PC	80			3 modules		580/425/340	>> 987540
489	69600	90	PC	80			3 modules		580/425/340	>> 987557
498	64200	10	PC	70			3 modules		580/425/340	>> 684739
498	64200	10	PC	80			3 modules		580/425/340	>> 684722
582	77400	RM7	tempered glass	70			3 modules		580/425/340	>> 993152
582	78900	PP1	tempered glass	70			3 modules		580/425/340	>> 993183
582	77400	RM3	tempered glass	70			3 modules		580/425/340	>> 993213
582	75900	120	tempered glass	70			3 modules		580/425/340	>> 993749
582	85000	ASN2	tempered glass	80		yes	3 modules		580/425/340	>> 683244
582	85000	ASM2	tempered glass	80		yes	3 modules		580/425/340	>> 683251
582	85000	RW10	tempered glass	80		yes	3 modules		580/425/340	>> 683268
651	85500	15	PC	80			3 modules		580/425/340	>> 987717
651	84000	30	PC	80			3 modules		580/425/340	>> 987724
651	87000	45	PC	80			3 modules		580/425/340	>> 987731
651	86400	60	PC	80			3 modules		580/425/340	>> 987748
651	88200	90	PC	80			3 modules		580/425/340	>> 987755
651	85500	15	PC	80	yes		3 modules		580/425/340	>> 993428
651	84000	30	PC	80	yes		3 modules		580/425/340	>> 993435
651	87000	45	PC	80	yes		3 modules		580/425/340	>> 993442
651	86400	60	PC	80	yes		3 modules		580/425/340	>> 993459
651	88200	90	PC	80	yes		3 modules		580/425/340	>> 993466
699	88800	RM7	tempered glass	70			3 modules		580/425/340	>> 993145
699	89100	PP1	tempered glass	70			3 modules		580/425/340	>> 993176

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
699	88800	RM3	tempered glass	70			3 modules		580/425/340	>> 993206
699	88800	RM7	tempered glass	70	yes		3 modules		580/425/340	>> 993589
699	89100	PP1	tempered glass	70	yes		3 modules		580/425/340	>> 993596
699	88800	RM3	tempered glass	70	yes		3 modules		580/425/340	>> 993602
699	87000	120	tempered glass	70			3 modules		580/425/340	>> 993732
699	87000	120	tempered glass	70	yes		3 modules		580/425/340	>> 993817
702	99000	RW10	tempered glass	80		yes	3 modules		580/425/340	>> 683299
702	99300	ASM2	tempered glass	80		yes	3 modules		580/425/340	>> 683282
702	99300	ASN2	tempered glass	80		yes	3 modules		580/425/340	>> 683275
843	109500	15	PC	80			3 modules		580/425/340	>> 987106
843	107700	30	PC	80			3 modules		580/425/340	>> 987113
843	111300	45	PC	80			3 modules		580/425/340	>> 987120
843	110700	60	PC	80			3 modules		580/425/340	>> 987137
843	113100	90	PC	80			3 modules		580/425/340	>> 987144
843	107700	30	PC	80			3 modules	Metal peszel	580/425/340	>> 684296

FACTOR LED 4 modules

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
404	59200	15	PC	80			4 modules		774/425/340	>> 987366
404	58400	30	PC	80			4 modules		774/425/340	>> 987373
404	60000	45	PC	80			4 modules		774/425/340	>> 987380
404	60000	60	PC	80			4 modules		774/425/340	>> 987397
404	64000	90	PC	80			4 modules		774/425/340	>> 987403
480	68000	RM7	tempered glass	70			4 modules		774/425/340	>> 993251
480	70400	PP1	tempered glass	70			4 modules		774/425/340	>> 993282
480	68000	RM3	tempered glass	70			4 modules		774/425/340	>> 993312
480	66400	120	tempered glass	70			4 modules		774/425/340	>> 993787
488	80000	ASM2	tempered glass	80		yes	4 modules		774/425/340	>> 683312
488	80000	ASN2	tempered glass	80		yes	4 modules		774/425/340	>> 683305

FACTOR LED

GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
488	80000	RW10	tempered glass	80		yes	4 modules		774/425/340	>> 683329
652	89600	15	PC	80			4 modules		774/425/340	>> 987564
652	88400	30	PC	80			4 modules		774/425/340	>> 987571
652	91200	45	PC	80			4 modules		774/425/340	>> 987588
652	90400	60	PC	80			4 modules		774/425/340	>> 987595
652	92800	90	PC	80			4 modules		774/425/340	>> 987601
664	85600	10	PC	70			4 modules		774/425/340	>> 684753
664	85600	10	PC	80			4 modules		774/425/340	>> 684746
766	113000	RW10	tempered glass	80		yes	4 modules		774/425/340	>> 683350
766	114000	ASM2	tempered glass	80		yes	4 modules		774/425/340	>> 683343
776	103200	RM7	tempered glass	70			4 modules		774/425/340	>> 993244
776	105200	PP1	tempered glass	70			4 modules		774/425/340	>> 993275
776	103200	RM3	tempered glass	70			4 modules		774/425/340	>> 993305
776	101200	120	tempered glass	70			4 modules		774/425/340	>> 993770
776	114000	ASN2	tempered glass	80		yes	4 modules		774/425/340	>> 683336
868	114000	15	PC	80			4 modules		774/425/340	>> 987762
868	112000	30	PC	80			4 modules		774/425/340	>> 987779
868	116000	45	PC	80			4 modules		774/425/340	>> 987786
868	115200	60	PC	80			4 modules		774/425/340	>> 987793
868	117600	90	PC	80			4 modules		774/425/340	>> 987809
868	114000	15	PC	80	yes		4 modules		774/425/340	>> 993473
868	112000	30	PC	80	yes		4 modules		774/425/340	>> 993480
868	116000	45	PC	80	yes		4 modules		774/425/340	>> 993497
868	115200	60	PC	80	yes		4 modules		774/425/340	>> 993503
868	117600	90	PC	80	yes		4 modules		774/425/340	>> 993510
932	118400	RM7	tempered glass	70			4 modules		774/425/340	>> 993237
932	118800	PP1	tempered glass	70			4 modules		774/425/340	>> 993268
932	118400	RM3	tempered glass	70			4 modules		774/425/340	>> 993299
932	118400	RM7	tempered glass	70	yes		4 modules		774/425/340	>> 993619
932	118800	PP1	tempered glass	70	yes		4 modules		774/425/340	>> 993626
932	118400	RM3	tempered glass	70	yes		4 modules		774/425/340	>> 993633

FACTOR LED

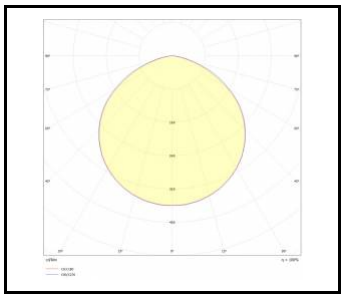
GENERAL CARD

Rated power of the luminaire [W]*	Luminous flux [lm]*	Beam angle [°]	Diffuser material	Color rendering index (Ra) >	DIMM DALI	DIMM 1-10V	Version	Accessories included	Dimensions (H/W/T/S) [mm]	Index
932	116000	120	tempered glass	70			4 modules		774/425/340	>> 993763
932	116000	120	tempered glass	70	yes		4 modules		774/425/340	>> 993824
936	132000	RW10	tempered glass	80		yes	4 modules		774/425/340	>> 683381
936	132500	ASM2	tempered glass	80		yes	4 modules		774/425/340	>> 683374
936	132500	ASN2	tempered glass	80		yes	4 modules		774/425/340	>> 683367
1124	146000	15	PC	80			4 modules		774/425/340	>> 987151
1124	143600	30	PC	80			4 modules		774/425/340	>> 987168
1124	148400	45	PC	80			4 modules		774/425/340	>> 987175
1124	147600	60	PC	80			4 modules		774/425/340	>> 987182
1124	150800	90	PC	80			4 modules		774/425/340	>> 987199
1124	143600	30	PC	80			4 modules	Metal peszel	774/425/340	>> 684302

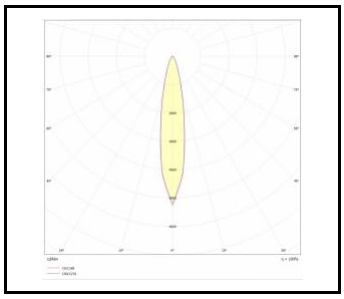
FACTOR LED

GENERAL CARD

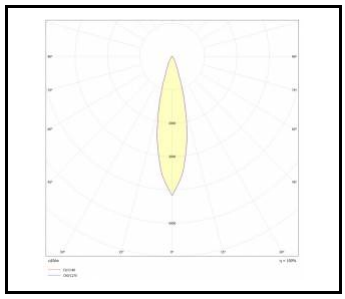
LUMINOUS INTENSITY DISTRIB. CURVE



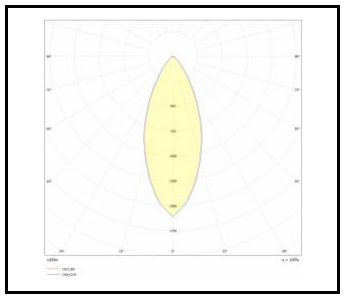
120D



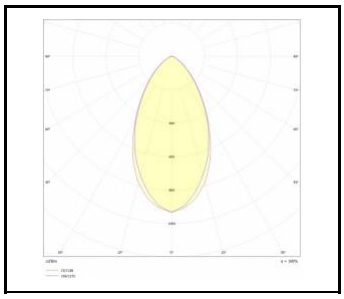
15D



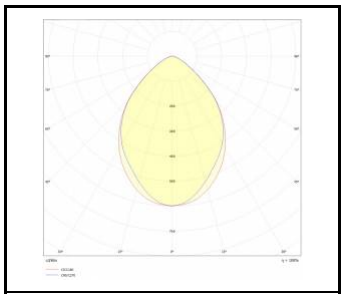
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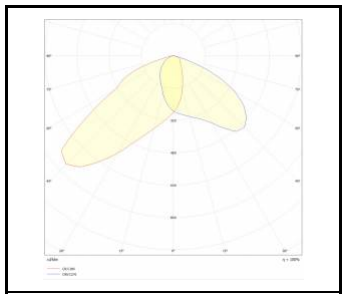
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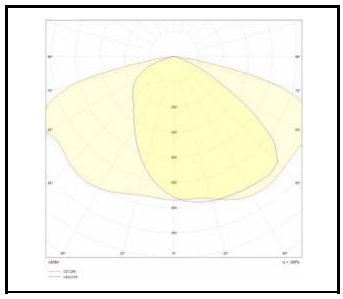
60D



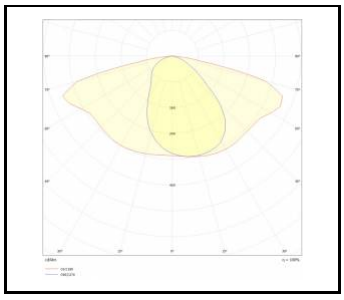
90D



PP1



RM3



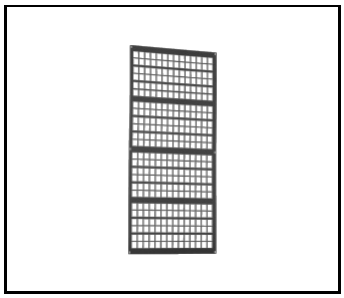
RM7

FACTOR LED

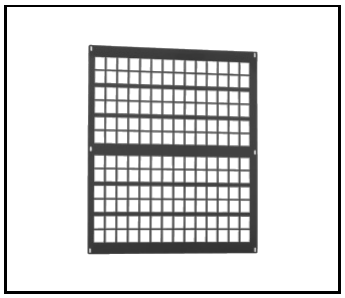
GENERAL CARD

ACCESSORIES AVAILABLE

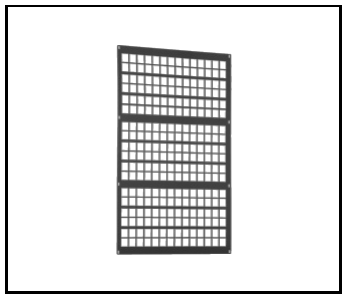
index	Name
684791	Protective grid Factor LED 4M RAL7016
684777	Protective grid Factor LED 2M RAL7016
684760	Protective grid Factor LED 1M RAL7016
994890	Factor Multi-piece protective visor A
994906	Factor AB multi-piece protective visor
994913	Factor ABC multi-piece protective visor
994883	Factor one-piece protective visor
370311	
684784	Protective grid Factor LED 3M RAL7016



Protective grid Factor LED 4M RAL7016 (684791)



Protective grid Factor LED 2M RAL7016 (684777)



Protective grid Factor LED 3M RAL7016 (684784)

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: 262/2023

LENA LIGHTING

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