

Luminaire

Code M221128-5-M-E
Name M22 1125 mm 3000K CRI90 SCHERMO MICROPRISMATO

Measurem.

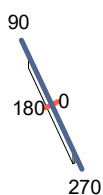
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Luminaire Flux	1388 lm	Luminaire Power	22.9 W	Efficacy	60.620 lm/W	Efficiency	100.00%
Source Flux	1388 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1125 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	1120 mm	Width	22 mm	Height	1 mm
Horizontal Luminous Area		0.024640 m2		Emitting area on Plane 180°		0.001120 m2	
Emitting area on Plane 0°		0.001120 m2		Emitting area on Plane 270°		0.000022 m2	
Emitting area on Plane 90°		0.000022 m2		Glare area at 76°		0.007048 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		10-08-2018		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1388 lm	
Operator		1.50.22		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line		Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
				1388.20	22.90	1
C.I.E.	63 88 97 100 100		D DIN 5040	A50		
F UTE	1.00 C		B NBN	BZ 2 / 0.8 / BZ 3		

1125mm x 22mm



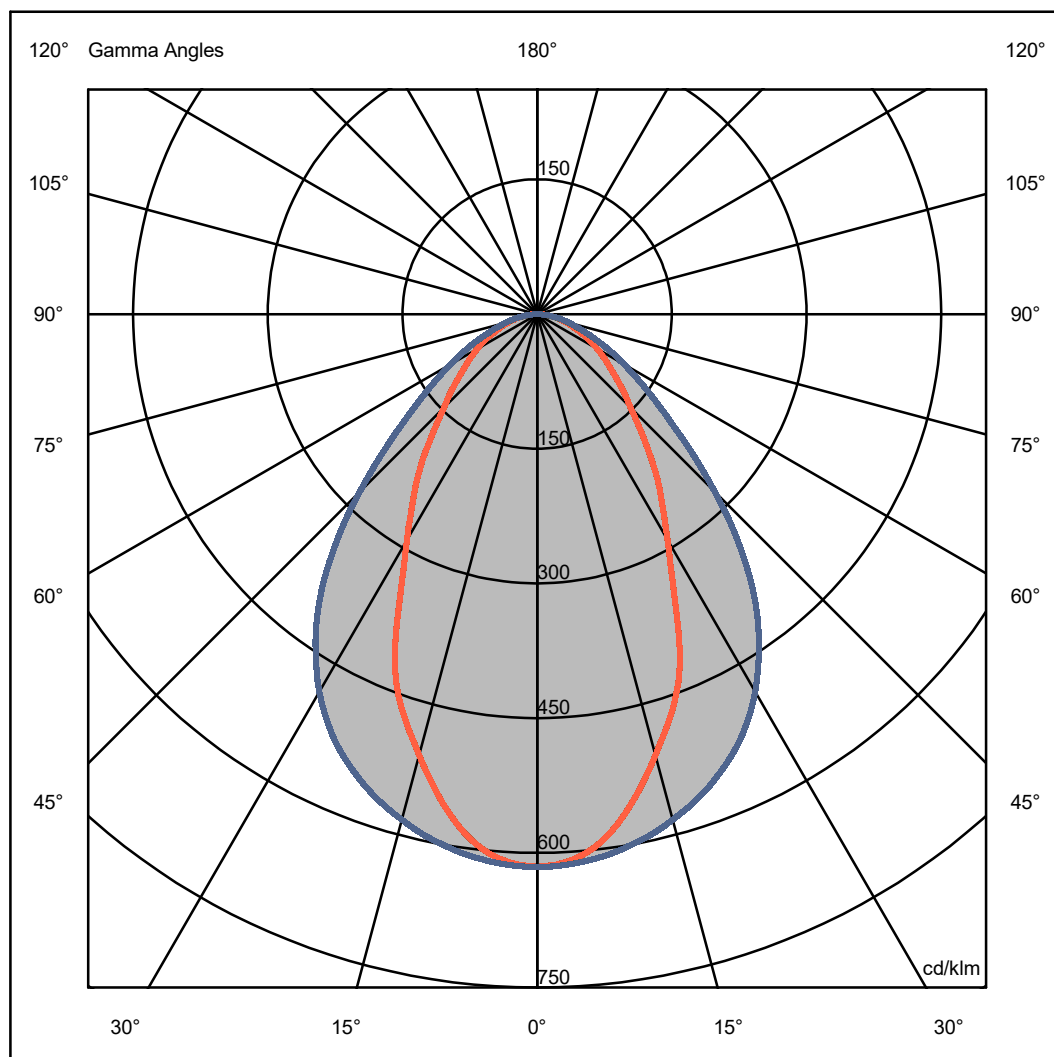
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.32 %

DLOR 99.68 %

RN 0.32 %



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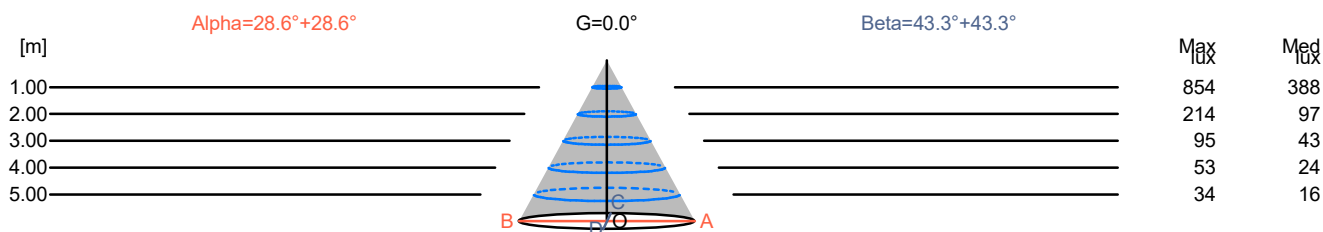
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.55	1.09	1.64	2.18	2.73	OC	0.94	1.89	2.83	3.77	4.71
OB	0.55	1.09	1.64	2.18	2.73	OD	0.94	1.89	2.83	3.77	4.71

	0	5	15	25	35	45	55	65	75	85
Luminous Intensities [cd/klm]										
OA	854.42	837.61	705.96	509.39	329.61	203.93	132.19	82.75	43.02	16.96
OB	854.42	837.61	705.96	509.39	329.61	203.93	132.19	82.75	43.02	16.96
OC	854.42	848.93	809.15	733.71	596.68	388.43	209.53	110.68	50.22	14.01
OD	854.42	848.93	809.15	733.71	596.68	388.43	209.53	110.68	50.22	14.01



H[m]	D[m]	Max lux	Med lux	Alpha=28.6°+28.6°	G=0.0	
1.00	1.09	854	388			
2.00	2.18	214	97			
3.00	3.27	95	43			
4.00	4.37	53	24			
5.00	5.46	34	16			

H[m]	D[m]	Max lux	Med lux	Beta=43.3°+43.3°	G=0.0	
1.00	1.89	854	388			
2.00	3.77	214	97			
3.00	5.66	95	43			
4.00	7.54	53	24			
5.00	9.43	34	16			

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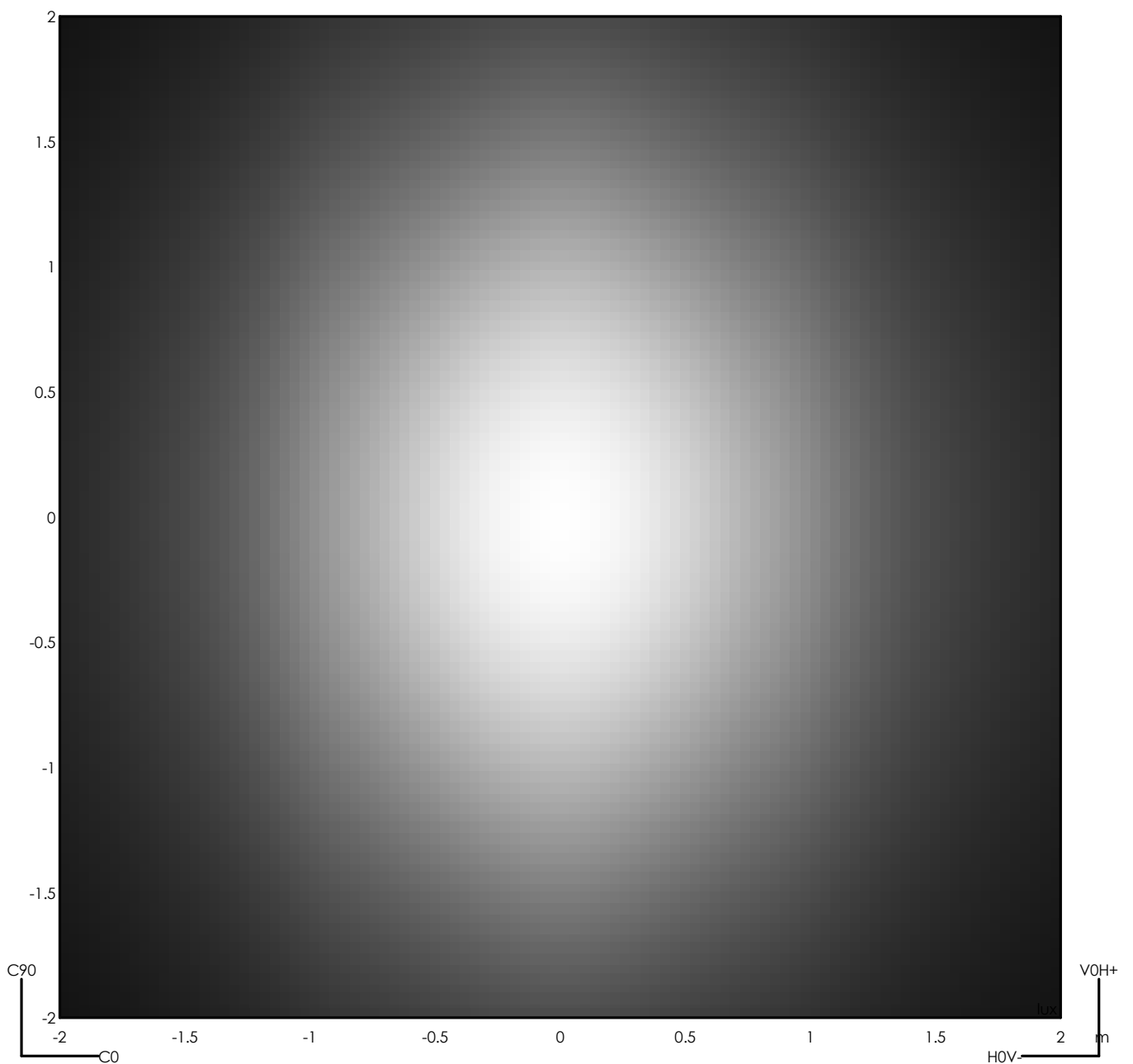
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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



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UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Lateral View						Viewed Endwise				
x=2H y=2H	18.9	19.9	19.1	20.2	20.4	21.5	22.6	21.8	22.8	23.1
x=2H y=3H	19.9	20.9	20.2	21.2	21.4	22.3	23.3	22.6	23.6	23.8
x=2H y=4H	20.3	21.3	20.7	21.6	21.8	22.6	23.5	22.9	23.8	24.1
x=2H y=6H	20.7	21.6	21.1	21.9	22.2	22.9	23.7	23.2	24.0	24.3
x=2H y=8H	20.8	21.7	21.2	22.0	22.3	22.9	23.8	23.3	24.1	24.4
x=2H y=12H	20.9	21.7	21.3	22.0	22.4	23.0	23.8	23.4	24.1	24.4
x=4H y=2H	19.5	20.4	19.8	20.7	21.0	21.7	22.6	22.0	22.9	23.2
x=4H y=3H	20.8	21.6	21.1	21.9	22.2	22.7	23.5	23.0	23.8	24.1
x=4H y=4H	21.4	22.0	21.7	22.4	22.8	23.1	23.8	23.5	24.2	24.5
x=4H y=6H	21.8	22.4	22.2	22.8	23.2	23.5	24.1	23.9	24.5	24.9
x=4H y=8H	22.0	22.6	22.4	23.0	23.4	23.6	24.2	24.1	24.6	25.0
x=4H y=12H	22.2	22.7	22.6	23.1	23.5	23.8	24.3	24.2	24.7	25.1
x=8H y=4H	21.7	22.2	22.1	22.6	23.0	23.3	23.8	23.7	24.2	24.6
x=8H y=6H	22.3	22.8	22.8	23.2	23.6	23.8	24.2	24.2	24.7	25.1
x=8H y=8H	22.6	23.0	23.1	23.4	23.9	24.0	24.4	24.5	24.8	25.3
x=8H y=12H	22.8	23.2	23.3	23.6	24.1	24.2	24.5	24.7	25.0	25.5
x=12H y=4H	21.7	22.2	22.1	22.6	23.1	23.3	23.8	23.7	24.2	24.6
x=12H y=6H	22.4	22.8	22.9	23.2	23.7	23.8	24.2	24.3	24.7	25.2
x=12H y=8H	22.7	23.0	23.2	23.5	24.0	24.1	24.4	24.6	24.9	25.4

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	11195	9871	8783	8057	65°	7240	6395	5767	5376	5198
90.0°	22274	17949	14807	12561	70°	10608	8897	7848	7202	6458

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55

