

#### Luminaire

Code M221408-5-M-E  
 Name M22 1405 mm 3000K CRI90 SCHERMO MICROPRISMATO

#### Measurem.

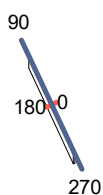
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Luminaire Flux	1735 lm	Luminaire Power	28.8 W	Efficacy	60.254 lm/W	Efficiency	100.00%
Source Flux	1735 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1405 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	1400 mm	Width	22 mm	Height	1 mm
Horizontal Luminous Area		0.030800 m2		Emitting area on Plane 180°		0.001400 m2	
Emitting area on Plane 0°		0.001400 m2		Emitting area on Plane 270°		0.000022 m2	
Emitting area on Plane 90°		0.000022 m2		Glare area at 76°		0.008810 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		10-08-2018		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1735 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
				1735.30	28.80	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		

1405mm x 22mm



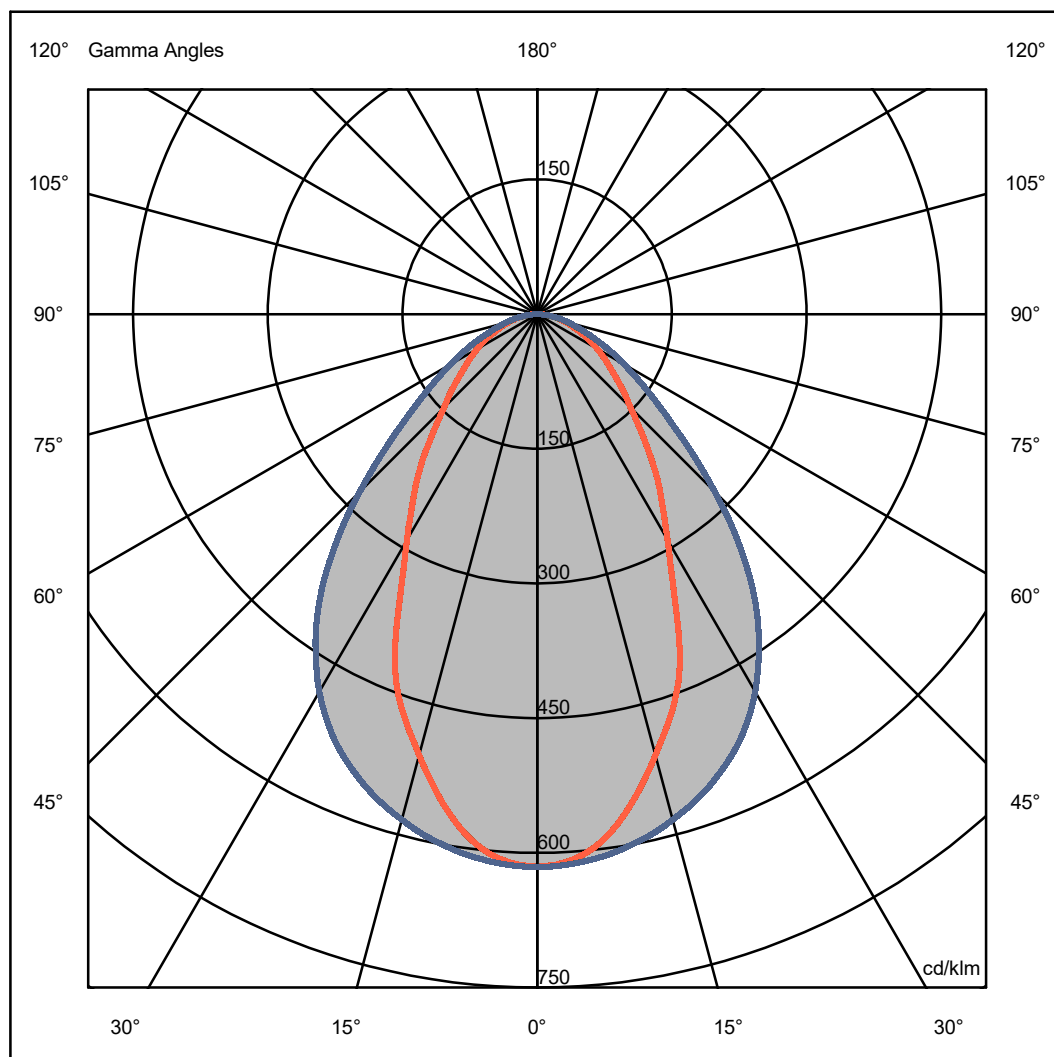
C Halfplanes

180.0 — 0.0  
 270.0 — 90.0

ULOR 0.32 %

DLOR 99.68 %

RN 0.32 %



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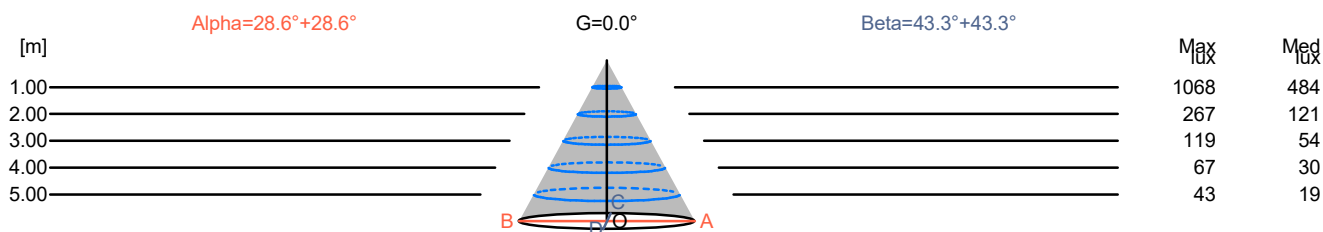
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Width at 50.00 % of Max Intensity

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
OA	1068.06	1047.05	882.47	636.75	412.03	254.92	165.24	103.43	53.77	21.21
OB	1068.06	1047.05	882.47	636.75	412.03	254.92	165.24	103.43	53.77	21.21
OC	1068.06	1061.19	1011.47	917.16	745.87	485.55	261.93	138.35	62.77	17.51
OD	1068.06	1061.19	1011.47	917.16	745.87	485.55	261.93	138.35	62.77	17.51



H[m]	D[m]	Max lux	Med lux	Alpha=28.6°+28.6°	G=0.0
1.00	1.09	1068	484		
2.00	2.18	267	121		
3.00	3.27	119	54		
4.00	4.37	67	30		
5.00	5.46	43	19		

H[m]	D[m]	Max lux	Med lux	Beta=43.3°+43.3°	G=0.0
1.00	1.89	1068	484		
2.00	3.77	267	121		
3.00	5.66	119	54		
4.00	7.54	67	30		
5.00	9.43	43	19		

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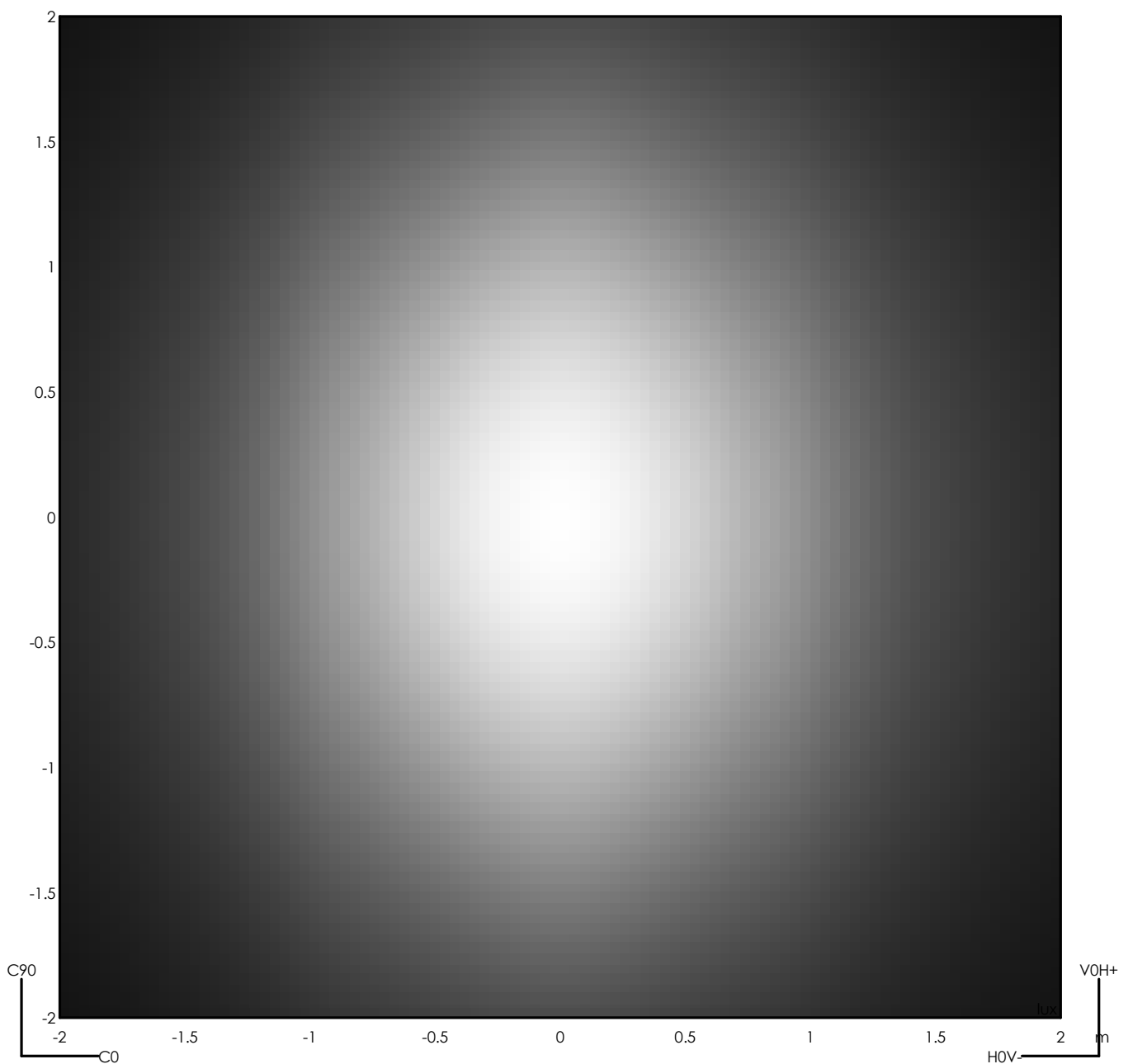
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Isolux (Floor)

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	23.7	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°	11196	9871	8783	8057	65°	70°	5767	5376	5199	---
90.0°	22279	17953	14811	12565	65°	70°	8902	7209	6472	---

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

