

# Luminaire

Code M22286-5-M-E  
Name M22 285 mm 3000K CRI90 SCHERMO MICROPRISMATO

# Measurement

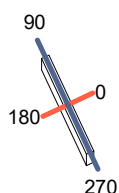
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Luminaire Flux	347 lm	Luminaire Power	6.1 W	Efficacy	56.902 lm/W	Efficiency	100.00%
Source Flux	347 lm	Maximum value	615.49 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	285 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	280 mm	Width	22 mm	Height	1 mm
Horizontal Luminous Area		0.006160 m2		Emitting area on Plane 180°		0.000280 m2	
Emitting area on Plane 0°		0.000280 m2		Emitting area on Plane 270°		0.000022 m2	
Emitting area on Plane 90°		0.000022 m2		Glare area at 76°		0.001762 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		10-08-2018		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		347 lm	
Operator		1.50.22		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

# Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
LED	LED		347.10	6.10	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		

285mm x 22mm



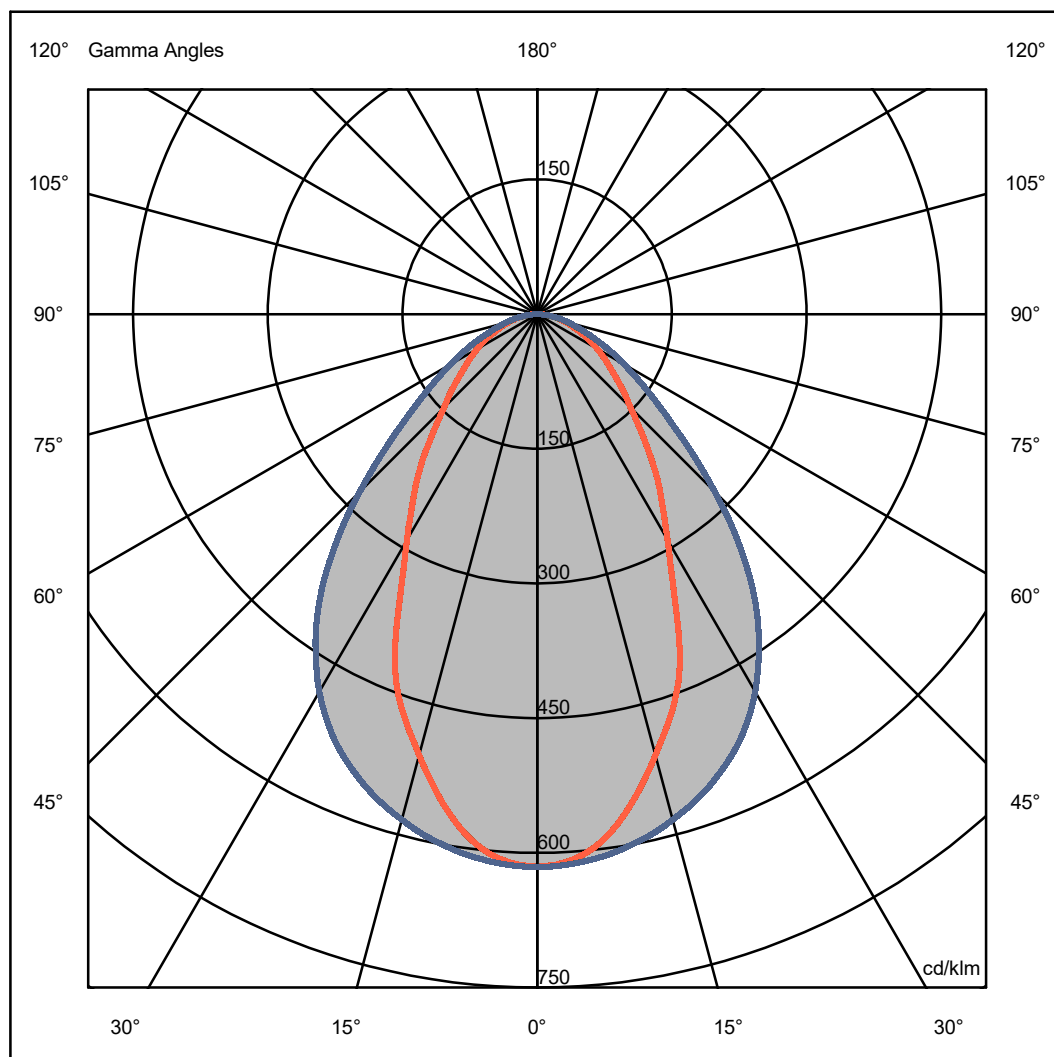
C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.32 %

DLOR 99.68 %

RN 0.32 %



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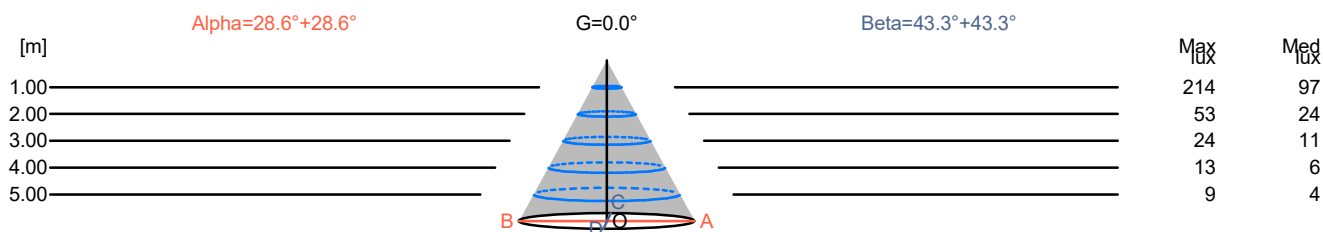
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Width at 50.00 % of Max Intensity

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	213.64	209.43	176.51	127.36	82.42	50.99	33.05	20.69	10.76	4.24
OB	213.64	209.43	176.51	127.36	82.42	50.99	33.05	20.69	10.76	4.24
OC	213.64	212.26	202.32	183.45	149.19	97.12	52.39	27.67	12.56	3.50
OD	213.64	212.26	202.32	183.45	149.19	97.12	52.39	27.67	12.56	3.50



H[m]	D[m]	Max lux	Med lux	Alpha=28.6°+28.6°	G=0.0	
1.00	1.09	214	97			
2.00	2.18	53	24			
3.00	3.27	24	11			
4.00	4.37	13	6			
5.00	5.46	9	4			

H[m]	D[m]	Max lux	Med lux	Beta=43.3°+43.3°	G=0.0	
1.00	1.89	214	97			
2.00	3.77	53	24			
3.00	5.66	24	11			
4.00	7.54	13	6			
5.00	9.43	9	4			

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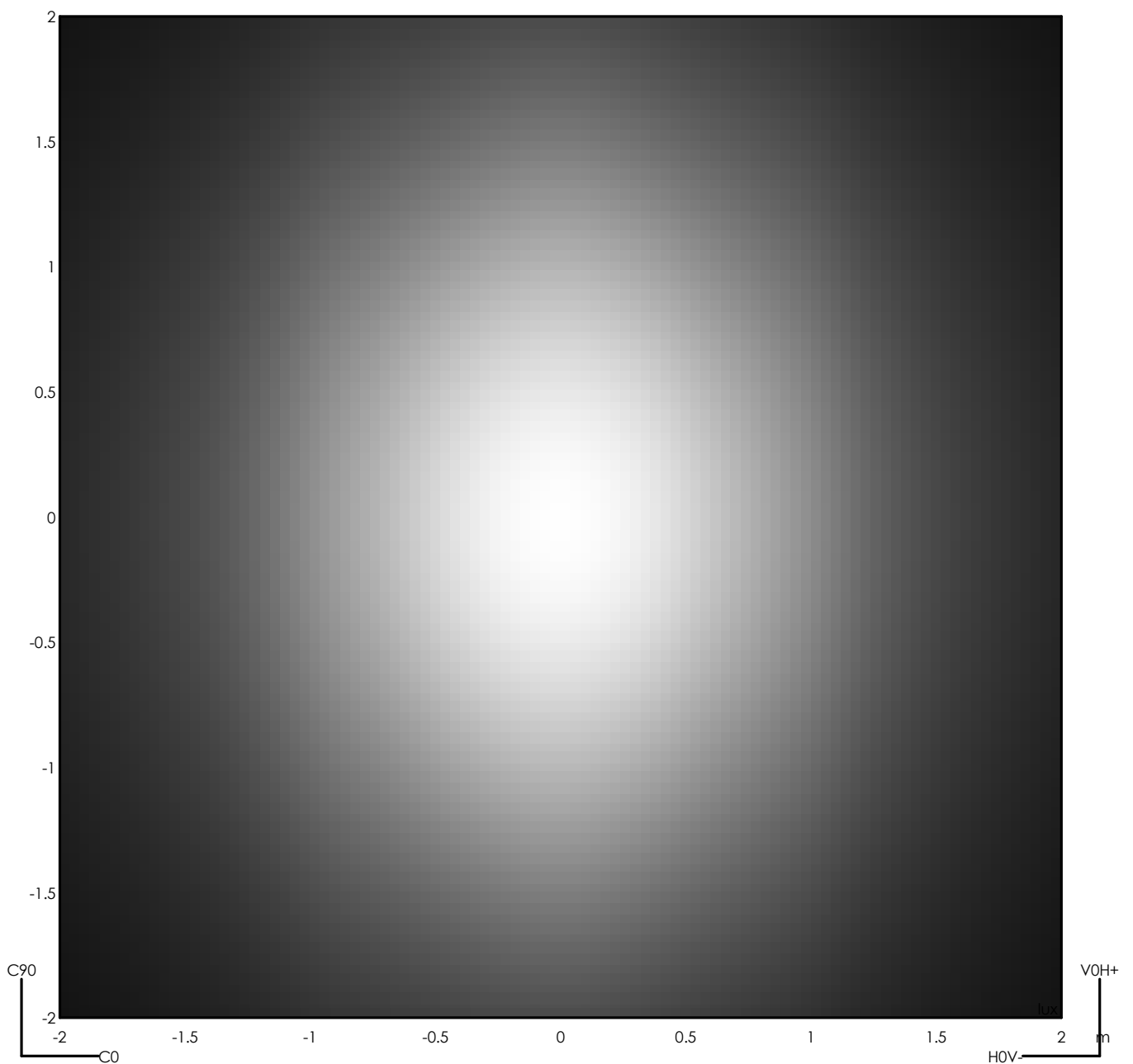
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Isolux (Floor)

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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	18.8	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	23.5	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	21.0	21.9	22.2	22.8	23.7	23.2	24.0	24.3
x=2H y=8H	20.8	21.6	21.2	22.0	22.3	22.9	23.7	23.3	24.1	24.4
x=2H y=12H	20.9	21.7	21.3	22.0	22.4	23.0	23.8	23.3	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	23.4	23.0	23.8	24.1
x=4H y=4H	21.3	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	22.9	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	23.7	24.2	24.2	24.6	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	22.7	22.8	23.2	23.6	23.8	24.2	24.2	24.6	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	23.1	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	23.0	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	24.6	25.1
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	70°	75°	80°	85°	
0.0°	11197	9872	8784	8058	65°	7241	6396	5768	5377	5199
90.0°	22218	17894	14753	12505	70°	10549	8833	7772	7095	6269

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

