

Luminaire

Code M22286-5-O-E
Name M22 285 mm 3000K CRI90 SCHERMO OPALE

Measurem.

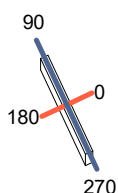
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Luminaire Flux	495 lm	Luminaire Power	6.1 W	Efficacy	81.131 lm/W	Efficiency	100.00%
Source Flux	495 lm	Maximum value	387.24 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	285 mm	Width	22 mm	Height	25 mm
Rectangular 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		18-07-2018		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		495 lm	
Operator		1.01.56		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	494.90	6.10	1
C.I.E.	49 80 96 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 4		

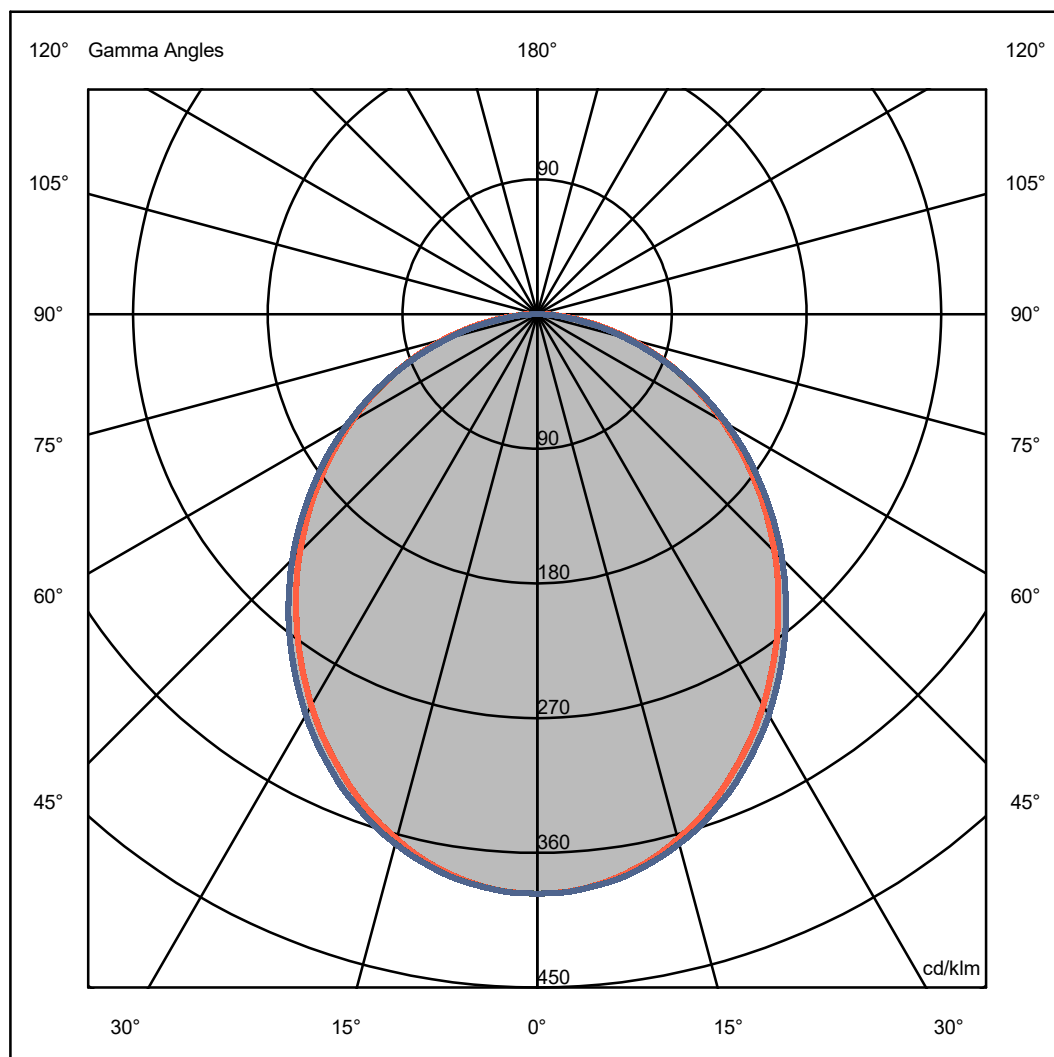
285mm x 22mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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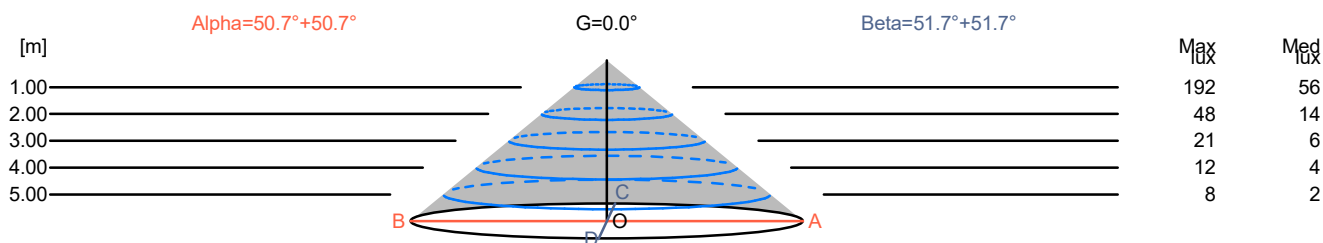
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Width at 50.00 % of Max Intensity

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	1.22	2.44	3.66	4.88	6.10	OC	1.26	2.53	3.79	5.06	6.32
OB	1.22	2.44	3.66	4.88	6.10	OD	1.26	2.53	3.79	5.06	6.32

	0	5	15	25	35	45	55	65	75	85
OA	191.65	190.32	179.68	160.82	137.02	110.92	84.12	57.48	31.64	9.28
OB	191.65	190.32	179.68	160.82	137.02	110.92	84.12	57.48	31.64	9.28
OC	191.65	190.43	181.33	164.00	140.88	114.57	86.41	58.02	30.04	6.81
OD	191.65	190.43	181.33	164.00	140.88	114.57	86.41	58.02	30.04	6.81



H[m]	D[m]	Max lux	Med lux	Alpha=50.7°+50.7°	G=0.0
1.00	2.44	192	56		
2.00	4.88	48	14		
3.00	7.32	21	6		
4.00	9.76	12	4		
5.00	12.20	8	2		

H[m]	D[m]	Max lux	Med lux	Beta=51.7°+51.7°	G=0.0
1.00	2.53	192	56		
2.00	5.06	48	14		
3.00	7.58	21	6		
4.00	10.11	12	4		
5.00	12.64	8	2		

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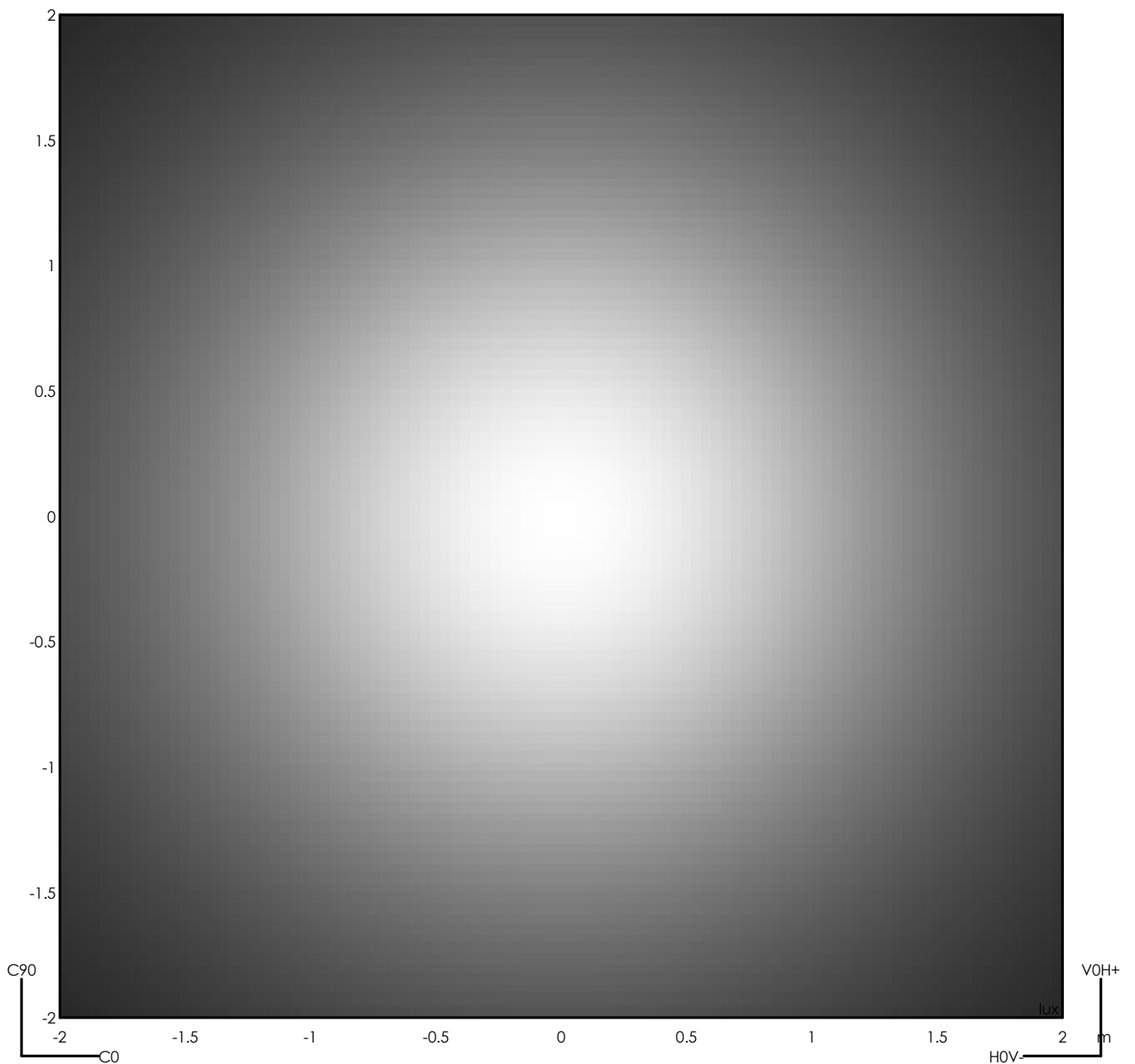
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Isolux (Floor)

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	23.3	24.6	23.6	24.8	25.1	23.6	24.9	23.9	25.1	25.3
x=2H y=3H	24.8	26.0	25.1	26.2	26.5	25.1	26.2	25.4	26.5	26.8
x=2H y=4H	25.4	26.5	25.7	26.8	27.1	25.6	26.7	26.0	27.0	27.3
x=2H y=6H	25.8	26.9	26.2	27.2	27.5	26.0	27.1	26.4	27.4	27.7
x=2H y=8H	26.0	27.0	26.3	27.3	27.6	26.1	27.1	26.5	27.5	27.8
x=2H y=12H	26.1	27.0	26.4	27.3	27.7	26.2	27.2	26.6	27.5	27.8
x=4H y=2H	24.0	25.1	24.3	25.4	25.7	24.2	25.3	24.5	25.6	25.9
x=4H y=3H	25.7	26.6	26.0	26.9	27.3	25.9	26.8	26.3	27.2	27.5
x=4H y=4H	26.4	27.2	26.8	27.6	27.9	26.6	27.4	27.0	27.8	28.1
x=4H y=6H	26.9	27.7	27.4	28.0	28.4	27.1	27.8	27.5	28.2	28.6
x=4H y=8H	27.1	27.8	27.6	28.2	28.6	27.3	27.9	27.7	28.3	28.7
x=4H y=12H	27.3	27.9	27.7	28.3	28.7	27.4	28.0	27.8	28.4	28.8
x=8H y=4H	26.7	27.3	27.1	27.7	28.2	26.9	27.5	27.3	27.9	28.3
x=8H y=6H	27.4	27.9	27.8	28.4	28.8	27.5	28.0	28.0	28.5	28.9
x=8H y=8H	27.6	28.1	28.1	28.6	29.1	27.7	28.2	28.2	28.7	29.1
x=8H y=12H	27.8	28.2	28.3	28.7	29.2	27.9	28.3	28.4	28.8	29.3
x=12H y=4H	26.7	27.3	27.1	27.7	28.1	26.9	27.5	27.3	27.9	28.3
x=12H y=6H	27.4	27.9	27.9	28.4	28.8	27.6	28.0	28.0	28.5	29.0
x=12H y=8H	27.7	28.1	28.2	28.6	29.1	27.8	28.2	28.3	28.7	29.2

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	24357	23376	22356	21298	65°	20118	18740	16965	14676	11376
90.0°	26209	25270	24334	23307	70°	22118	20639	18592	15845	12186

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

