

#### Luminaire

Code M221408-5-O-E  
Name M22 1405 mm 3000K CRI90 SCHERMO OPALE

#### Measur.

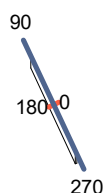
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Luminaire Flux	2474 lm	Luminaire Power	28.8 W	Efficacy	85.913 lm/W	Efficiency	100.00%
Source Flux	2474 lm	Maximum value	387.24 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1405 mm	Width	22 mm	Height	25 mm
Rectangular 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		18-07-2018		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		2474 lm	
Operator		1.01.56		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

#### Luminaire Sources

Line		Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
				2474.30	28.80	1
C.I.E.	49 80 96 100 100		D DIN 5040	A30		
F UTE	1.00 E		B NBN	BZ 4		

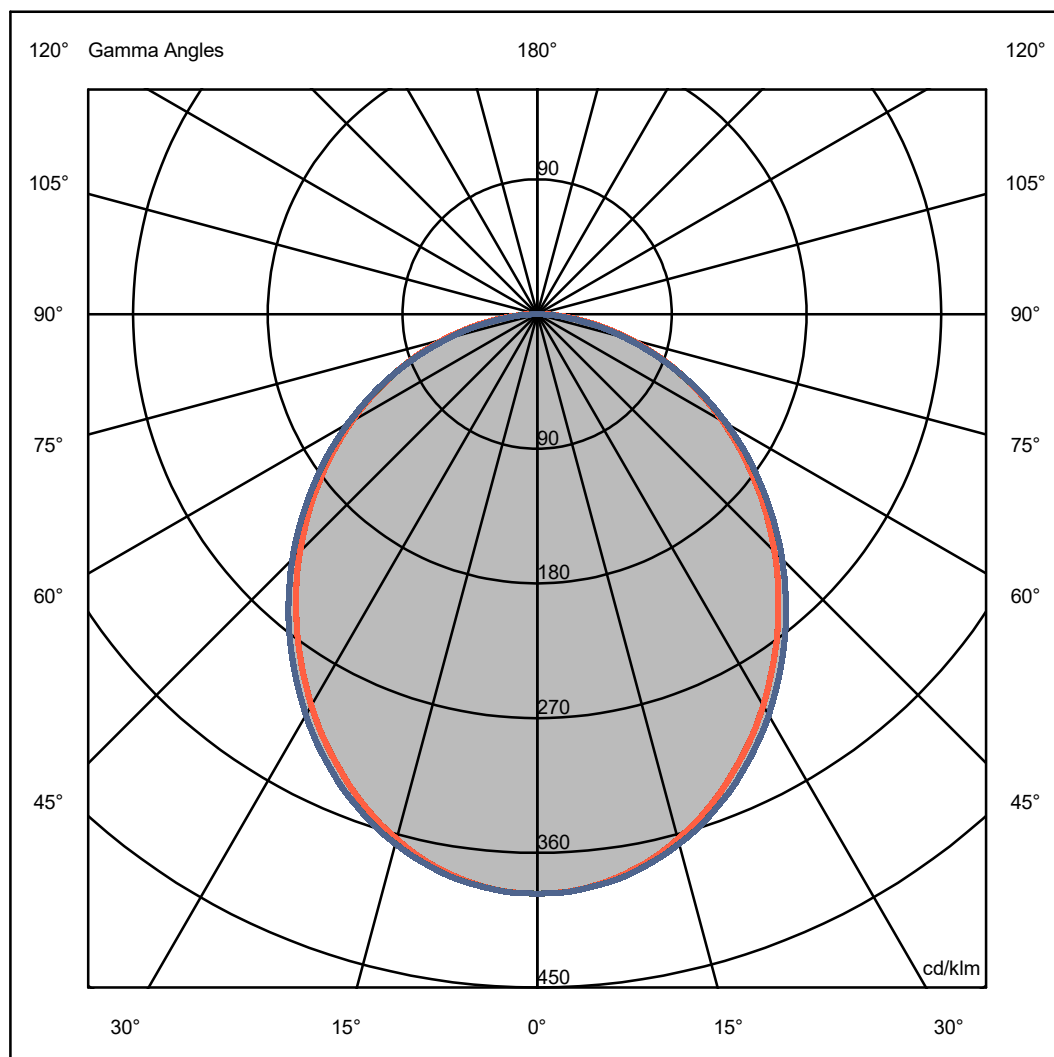
1405mm x 22mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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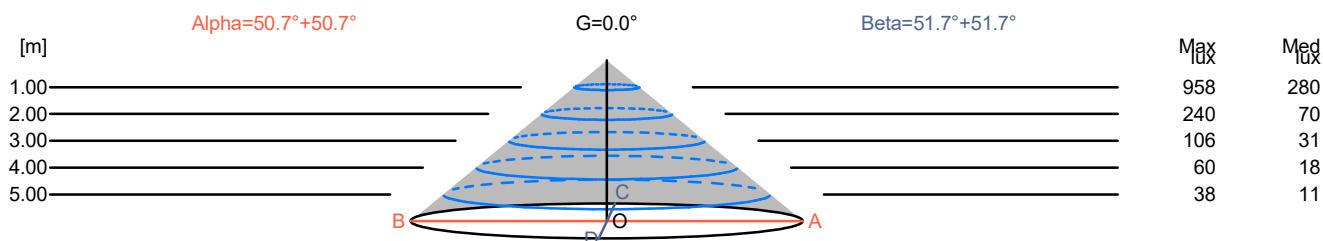
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Width at 50.00 % of Max Intensity

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	958.15	951.52	898.34	804.05	685.03	554.54	420.56	287.37	158.17	46.40
OB	958.15	951.52	898.34	804.05	685.03	554.54	420.56	287.37	158.17	46.40
OC	958.15	952.06	906.56	819.93	704.33	572.80	432.04	290.09	150.17	34.04
OD	958.15	952.06	906.56	819.93	704.33	572.80	432.04	290.09	150.17	34.04



H[m]	D[m]	Max lux	Med lux	Alpha=50.7°+50.7°	G=0.0
1.00	2.44	958	280		
2.00	4.88	240	70		
3.00	7.32	106	31		
4.00	9.76	60	18		
5.00	12.20	38	11		

H[m]	D[m]	Max lux	Med lux	Beta=51.7°+51.7°	G=0.0
1.00	2.53	958	280		
2.00	5.06	240	70		
3.00	7.58	106	31		
4.00	10.11	60	18		
5.00	12.64	38	11		

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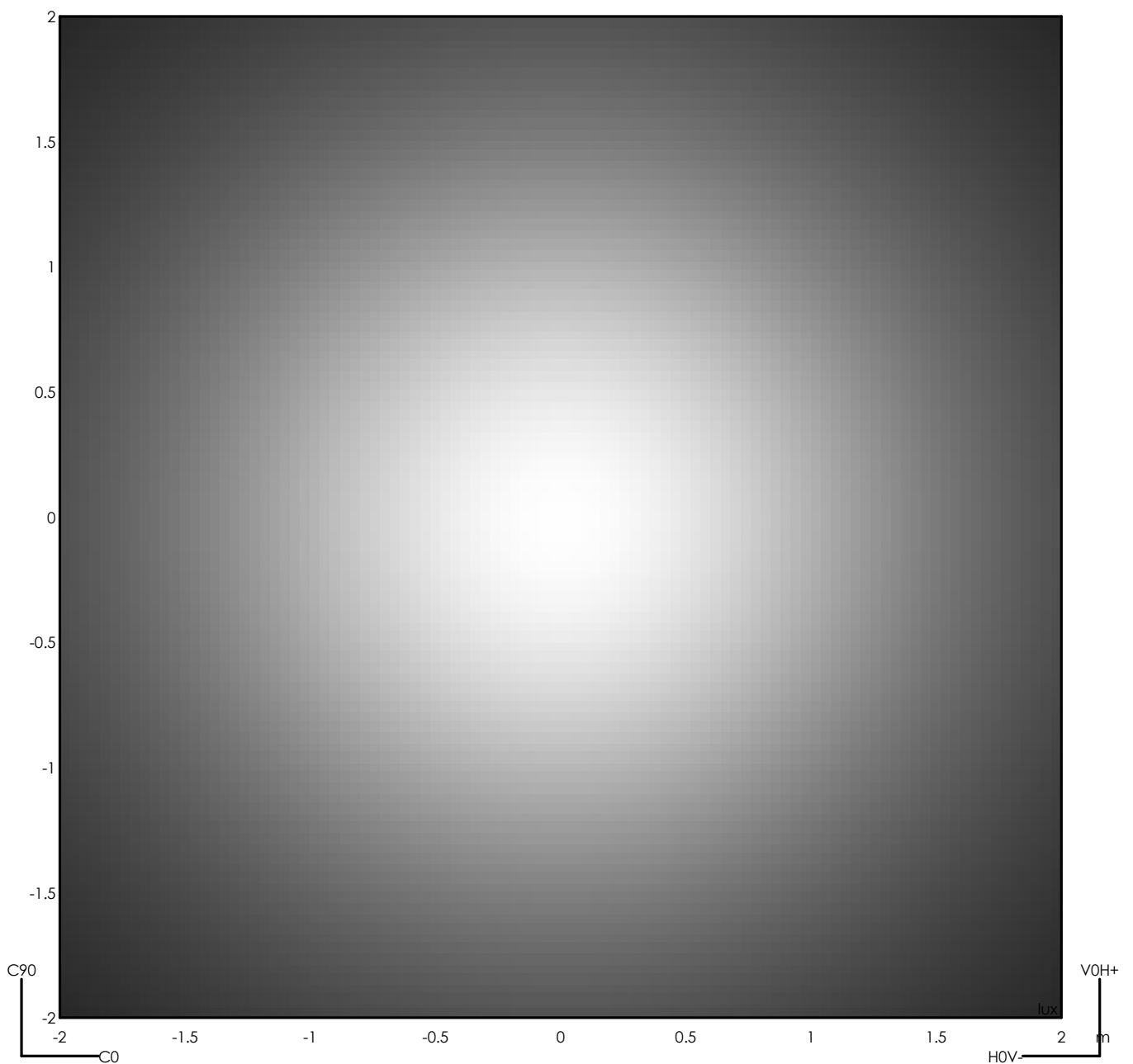
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Isolux (Floor)

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	26.3	25.4	26.5	26.8
x=2H y=4H	25.4	26.5	25.7	26.8	27.1	25.6	26.8	26.0	27.0	27.3
x=2H y=6H	25.8	26.9	26.2	27.2	27.5	26.1	27.1	26.4	27.4	27.7
x=2H y=8H	26.0	27.0	26.3	27.3	27.6	26.2	27.2	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	27.0	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	28.2
x=4H y=6H	26.9	27.7	27.4	28.0	28.5	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	28.0	27.7	28.4	28.8
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	27.4	27.1	27.8	28.2	26.9	27.5	27.3	27.9	28.4
x=8H y=6H	27.4	27.9	27.8	28.4	28.8	27.5	28.1	28.0	28.5	29.0
x=8H y=8H	27.6	28.1	28.1	28.6	29.1	27.8	28.2	28.2	28.7	29.2
x=8H y=12H	27.8	28.3	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	28.2	26.9	27.5	27.3	27.9	28.3
x=12H y=6H	27.4	27.9	27.9	28.4	28.9	27.6	28.1	28.1	28.5	29.0
x=12H y=8H	27.7	28.1	28.2	28.6	29.1	27.8	28.3	28.3	28.7	29.2

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	45°	50°	55°	60°	Average Luminance 65°	70°	75°	80°	85°	
0.0°	24355	23374	22355	21296	20116	18738	16964	14675	11375	---
90.0°	26282	25354	24431	23421	22252	20799	18788	16100	12579	---

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

