

Luminaire

Code M221128-3-U-E
Name M22 1125 mm 3000K CRI95 UGR

Measurem.

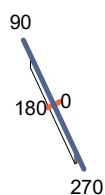
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Luminaire Flux	1652 lm	Luminaire Power	21.2 W	Efficacy	77.910 lm/W	Efficiency	100.00%
Source Flux	1652 lm	Maximum value	969.82 cd/klm	Position	C=90.00 G=2.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1125 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	1110 mm	Width	14 mm	Height	0 mm
Horizontal Luminous Area		0.015540 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.003759 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		22-11-2018		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1652 lm	
Operator		5.46.25		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	1651.70	21.20	1
C.I.E.	96 100 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

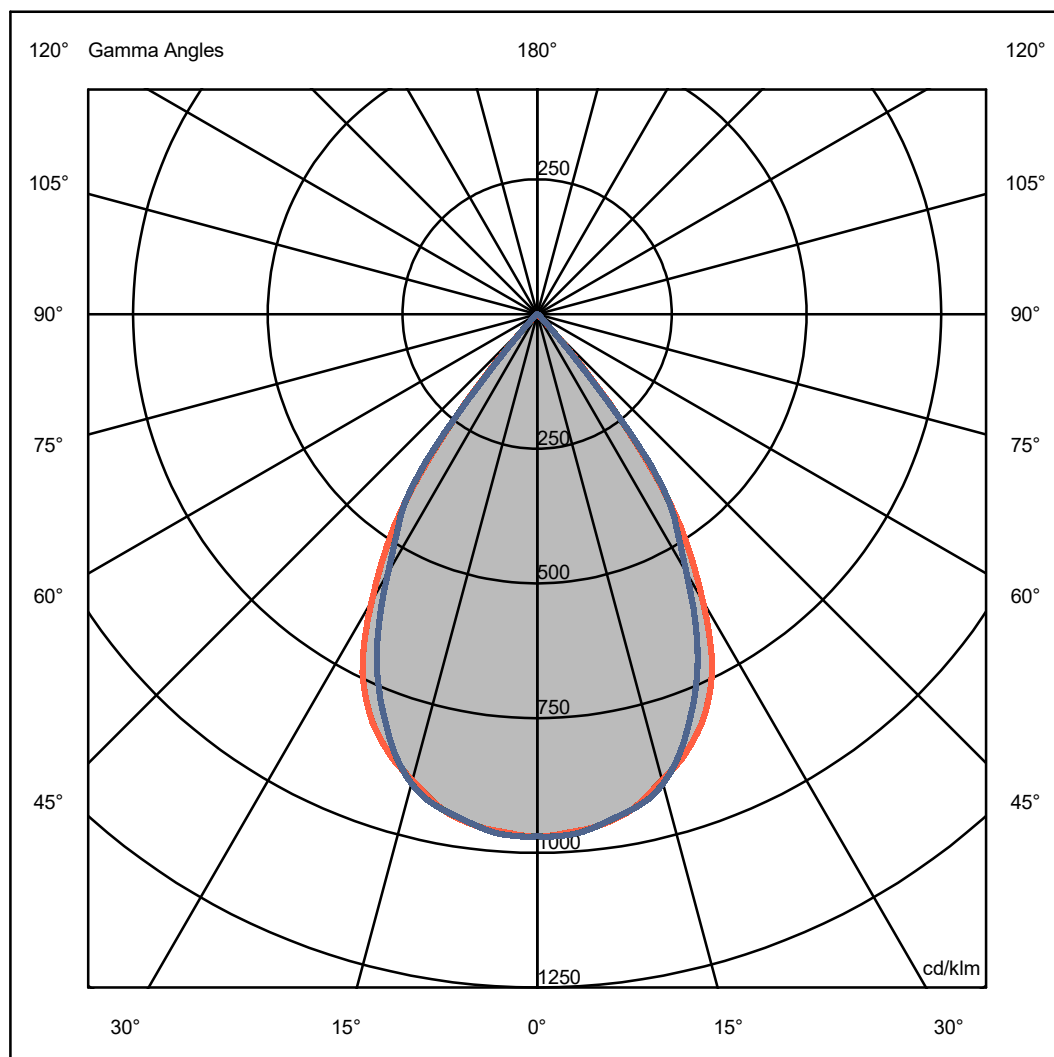
1125mm x 22mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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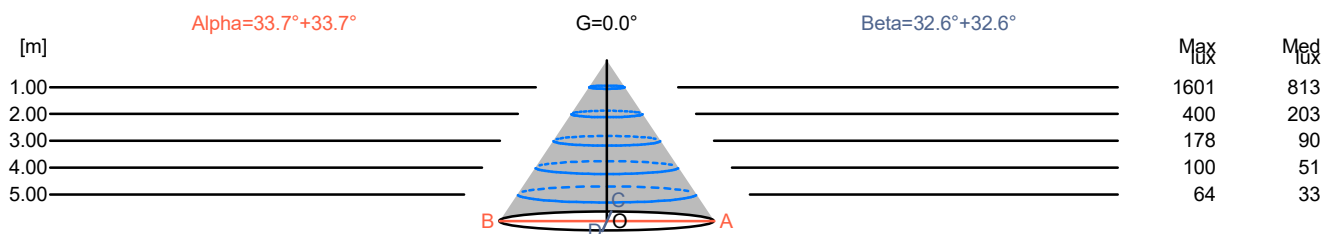
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Width at 50.00 % of Max Intensity

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	0.67	1.33	2.00	2.67	3.34	OC	0.64	1.28	1.92	2.56	3.20
OB	0.67	1.33	2.00	2.67	3.34	OD	0.64	1.28	1.92	2.56	3.20

	0	5	15	25	35	45	55	65	75	85
OA	1601.28	1587.15	1479.17	1258.53	713.72	18.94	4.08	2.15	1.05	0.10
OB	1601.28	1587.15	1479.17	1258.53	713.72	18.94	4.08	2.15	1.05	0.10
OC	1601.28	1592.91	1490.15	1164.44	709.13	33.22	8.72	4.29	2.13	0.10
OD	1601.28	1592.91	1490.15	1164.44	709.13	33.22	8.72	4.29	2.13	0.10



H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0
1.00	1.33	1601	813		
2.00	2.67	400	203		
3.00	4.00	178	90		
4.00	5.34	100	51		
5.00	6.67	64	33		

H[m]	D[m]	Max lux	Med lux	Beta=32.6°+32.6°	G=0.0
1.00	1.28	1601	813		
2.00	2.56	400	203		
3.00	3.84	178	90		
4.00	5.12	100	51		
5.00	6.40	64	33		

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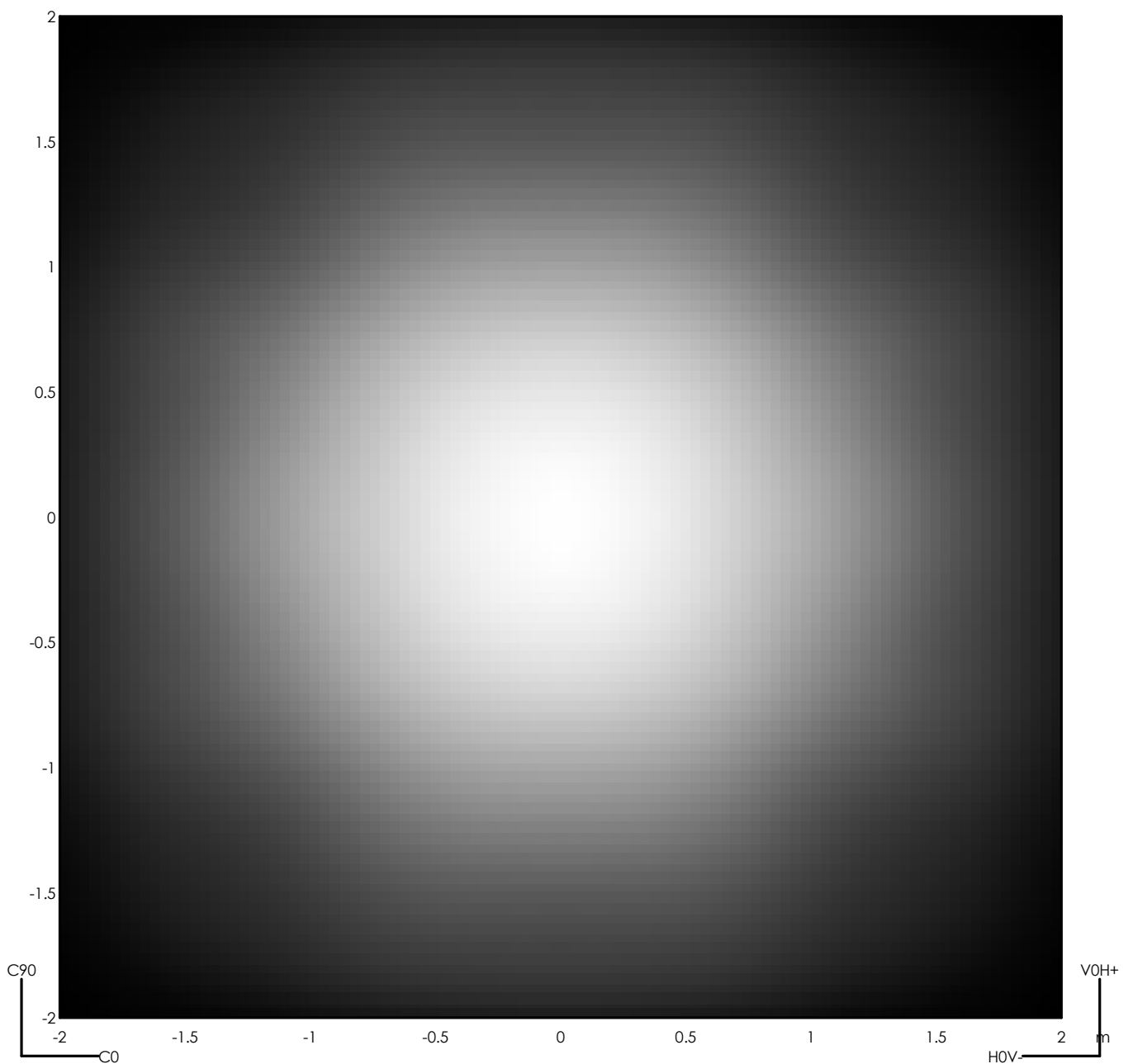
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Isolux (Floor)

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	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
18.0	18.7	18.3	18.9	19.1	17.8	18.5	18.1	18.7	18.9	18.9
17.9	18.5	18.2	18.8	19.0	17.7	18.3	18.0	18.6	18.8	18.8
17.9	18.4	18.1	18.7	18.9	17.7	18.2	18.0	18.5	18.7	18.7
17.8	18.3	18.1	18.6	18.9	17.6	18.1	17.9	18.4	18.7	18.7
17.7	18.2	18.1	18.5	18.8	17.5	18.1	17.9	18.3	18.6	18.6
17.7	18.2	18.0	18.5	18.8	17.5	18.0	17.9	18.3	18.6	18.6
17.9	18.4	18.1	18.7	18.9	17.7	18.2	18.0	18.5	18.7	18.7
17.7	18.2	18.0	18.5	18.8	17.5	18.0	17.8	18.3	18.6	18.6
17.6	18.0	18.0	18.4	18.7	17.4	17.8	17.8	18.2	18.5	18.5
17.5	17.9	18.0	18.3	18.6	17.4	17.7	17.8	18.1	18.4	18.4
17.5	17.8	17.9	18.2	18.6	17.3	17.6	17.7	18.0	18.4	18.4
17.5	17.7	17.9	18.1	18.6	17.3	17.5	17.7	17.9	18.4	18.4
17.5	17.8	17.9	18.2	18.6	17.3	17.6	17.7	18.0	18.4	18.4
17.4	17.7	17.9	18.1	18.5	17.2	17.5	17.7	17.9	18.3	18.3
17.4	17.6	17.8	18.0	18.5	17.2	17.4	17.7	17.8	18.3	18.3
17.3	17.5	17.8	17.9	18.4	17.1	17.3	17.6	17.7	18.2	18.2
17.5	17.7	17.9	18.1	18.6	17.3	17.5	17.7	17.9	18.4	18.4
17.4	17.6	17.8	18.0	18.5	17.2	17.4	17.7	17.8	18.3	18.3
17.3	17.5	17.8	17.9	18.4	17.1	17.3	17.6	17.7	18.2	18.2
17.5	17.7	17.9	18.1	18.6	17.3	17.5	17.7	17.9	18.4	18.4
17.4	17.6	17.8	18.0	18.5	17.2	17.4	17.7	17.8	18.3	18.3
17.3	17.5	17.8	17.9	18.4	17.1	17.3	17.6	17.7	18.2	18.2
17.5	17.7	17.9	18.1	18.6	17.3	17.5	17.7	17.9	18.4	18.4
17.4	17.6	17.8	18.0	18.5	17.2	17.4	17.7	17.8	18.3	18.3
17.3	17.5	17.8	17.9	18.4	17.1	17.3	17.6	17.7	18.2	18.2

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	1723	641	458	377	65°	328	292	261	213	74
90.0°	3023	1431	978	772	70°	654	581	530	381	74

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

