

#### Luminaire

Code M2298-1-A-E  
Name M22 98 mm 3000K CRI90 LENTE 20°

#### Measurem.

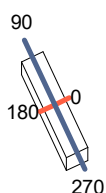
Code M2298-1-A-E  
Name M22 98 mm 3000K CRI90 LENTE 20°

Luminaire Flux	549 lm	Luminaire Power	8.3 W	Efficacy	66.181 lm/W	Efficiency	100.00%
Source Flux	549 lm	Maximum value	5256.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	
Rectangular Luminaire		Length	98 mm	Width	22 mm	Height	25 mm
Rectangular Luminous Area		Length	85 mm	Width	14 mm	Height	0 mm
Horizontal Luminous Area		0.001190 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°		0.000288 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		02-11-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		549 lm	
Operator		1.17.49		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

#### Luminaire Sources

Line	Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
			549.30	8.30	1
C.I.E.	93 99 100 100 100	D DIN 5040	A60		
F UTE	1.00 A	B NBN	BZ 1		

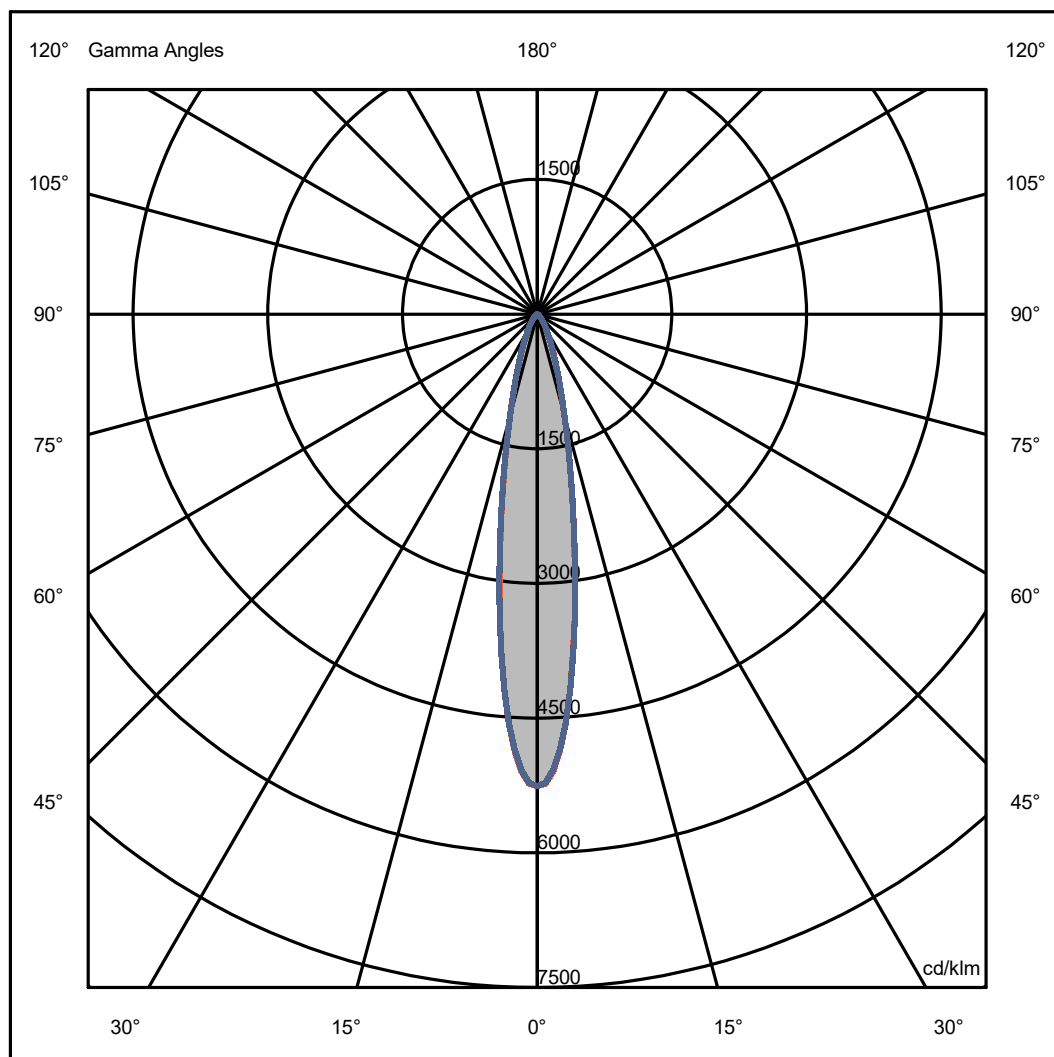
98mm x 22mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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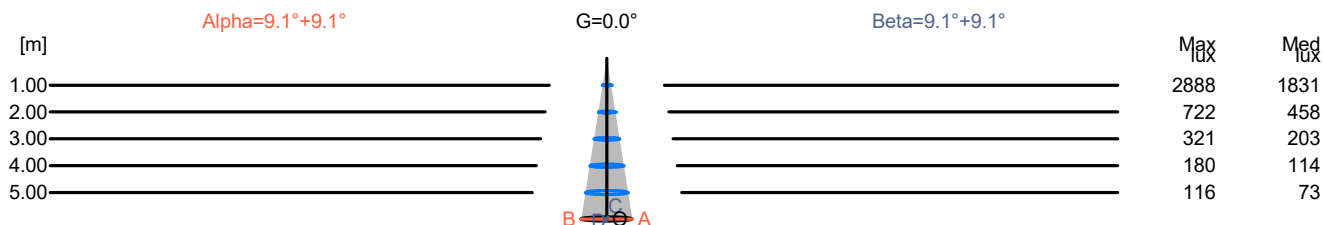
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Width at 50.00 % of Max Intensity

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	0.16	0.32	0.48	0.64	0.80	OC	0.16	0.32	0.48	0.64	0.80
OB	0.16	0.32	0.48	0.64	0.80	OD	0.16	0.32	0.48	0.64	0.80

	0	5	15	25	35	45	55	65	75	85
OA	2887.51	2305.03	639.29	194.11	67.03	26.84	12.04	5.19	1.60	0.01
OB	2887.51	2305.03	639.29	194.11	67.03	26.84	12.04	5.19	1.60	0.01
OC	2887.51	2305.80	643.07	193.17	66.90	26.60	12.00	5.18	1.58	0.03
OD	2887.51	2305.80	643.07	193.17	66.90	26.60	12.00	5.18	1.58	0.03



H[m]	D[m]	Max lux	Med lux	Alpha=9.1°+9.1°	G=0.0
1.00	0.32	2888	1831		
2.00	0.64	722	458		
3.00	0.96	321	203		
4.00	1.28	180	114		
5.00	1.60	116	73		

H[m]	D[m]	Max lux	Med lux	Beta=9.1°+9.1°	G=0.0
1.00	0.32	2888	1831		
2.00	0.64	722	458		
3.00	0.96	321	203		
4.00	1.29	180	114		
5.00	1.61	116	73		

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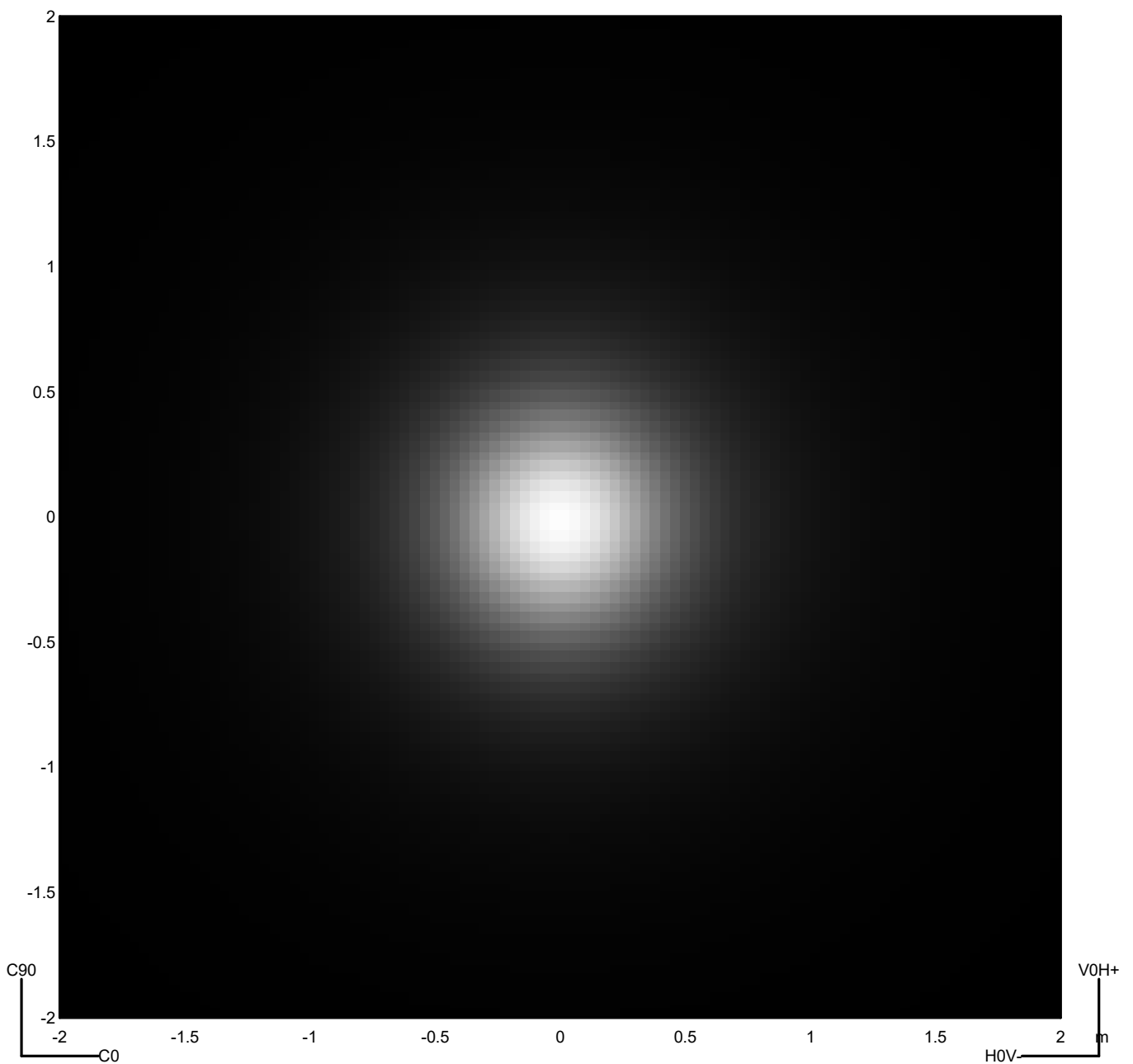
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Isolux (Floor)

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

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	45°	50°	55°	60°	Average Luminance 65°	70°	75°	80°	85°	
0.0°	31902	23645	17641	13306	10326	7912	5207	2957	123	---
90.0°	31612	23558	17579	13345	10307	7813	5142	2906	246	---

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

