

Rotaliana

Luminaire

Code ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17790-AMY-45-S-LEDIL SYM

Name ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17790-AMY-45-S-LEDIL SYM

Measurem.

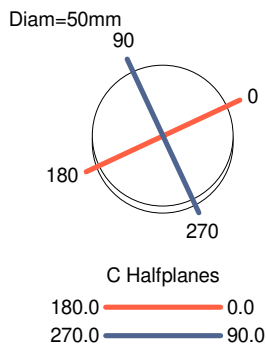
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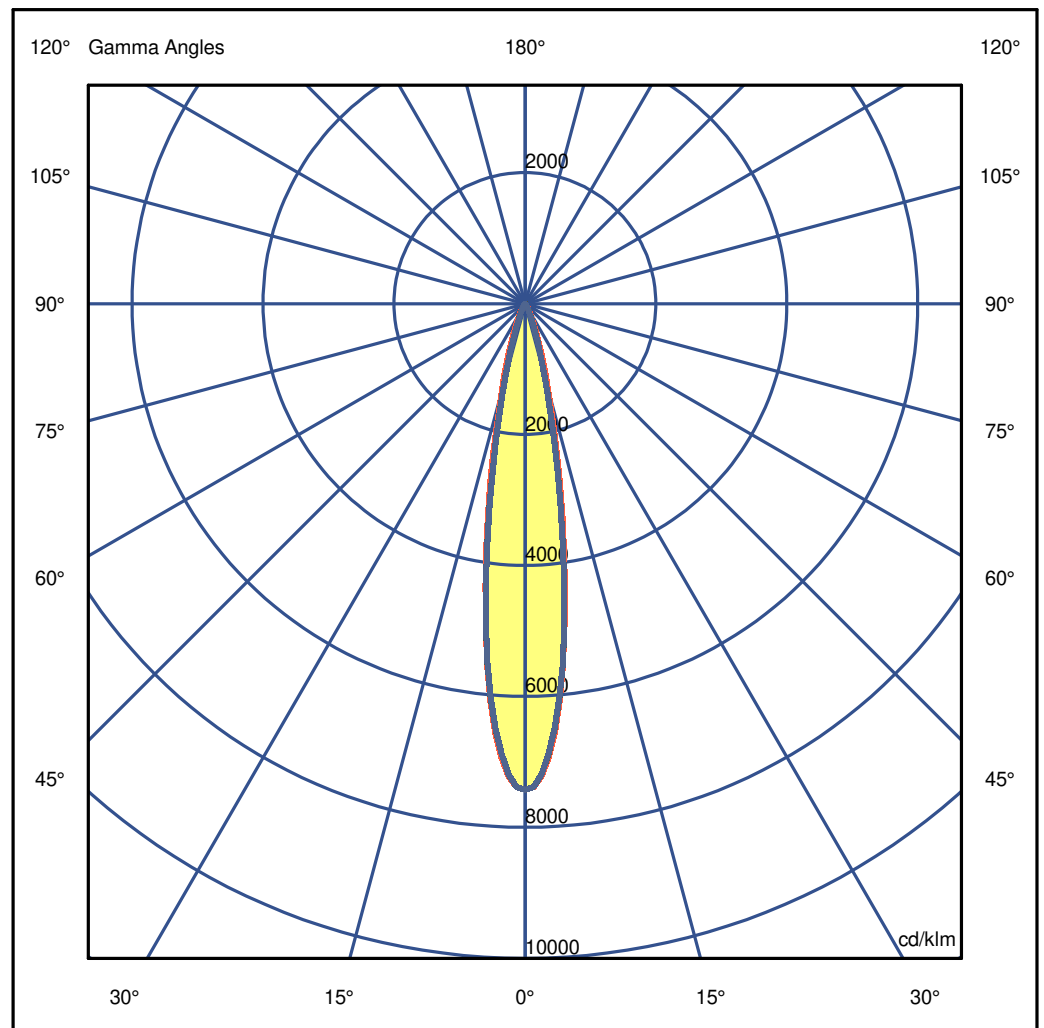
Luminaire Flux	1006 lm	Luminaire Power	11.6 W	Efficacy	86.518 lm/W	Efficiency	100.00%
Source Flux	1006 lm	Maximum value	7423.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	50 mm	Height	150 mm		
Round Luminous Area		Diam.	50 mm	Height	1 mm		
Horizontal Luminous Area		0.001963 m2		Emitting area on Plane 180°		0.000050 m2	
Emitting area on Plane 0°		0.000050 m2		Emitting area on Plane 270°		0.000050 m2	
Emitting area on Plane 90°		0.000050 m2		Glare area at 76°		0.000524 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		11-05-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		1006 lm	
Operator				Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line		Code	Name	Flux [lm]	Pow. [W]	Q.ty
		LED	LED	1006.20	11.63	1
C.I.E.	99	100	D DIN 5040	A60		
F UTE	--	100	B NBN	BZ 1		



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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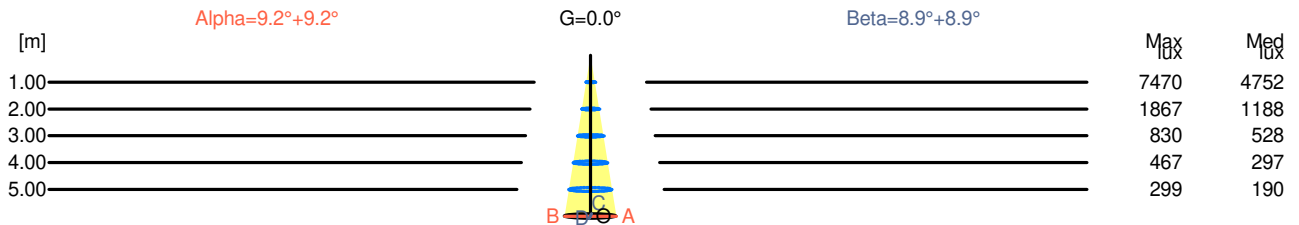
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Width at 50.00 % of Max Intensity

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	0.65	0.81	OC	0.16	0.31	0.47	0.63	0.79
OB	0.16	0.32	0.48	0.65	0.81	OD	0.16	0.31	0.47	0.63	0.79

	0	5	15	25	35	45	55	65	75	85
OA	7469.83	6121.82	1364.41	222.77	48.82	12.35	2.93	0.53	0.22	0.04
OB	7469.83	6121.82	1364.41	222.77	48.82	12.35	2.93	0.53	0.22	0.04
OC	7469.73	6069.90	1170.01	146.92	41.67	9.73	2.26	0.47	0.18	0.03
OD	7469.73	6069.90	1170.01	146.92	41.67	9.73	2.26	0.47	0.18	0.03



H[m]	D[m]	Max lux	Med lux	Alpha=9.2°+9.2°	G=0.0	
1.00	0.32	7470	4752			
2.00	0.65	1867	1188			
3.00	0.97	830	528			
4.00	1.29	467	297			
5.00	1.61	299	190			

H[m]	D[m]	Max lux	Med lux	Beta=8.9°+8.9°	G=0.0	
1.00	0.31	7470	4752			
2.00	0.63	1867	1188			
3.00	0.94	830	528			
4.00	1.26	467	297			
5.00	1.57	299	190			

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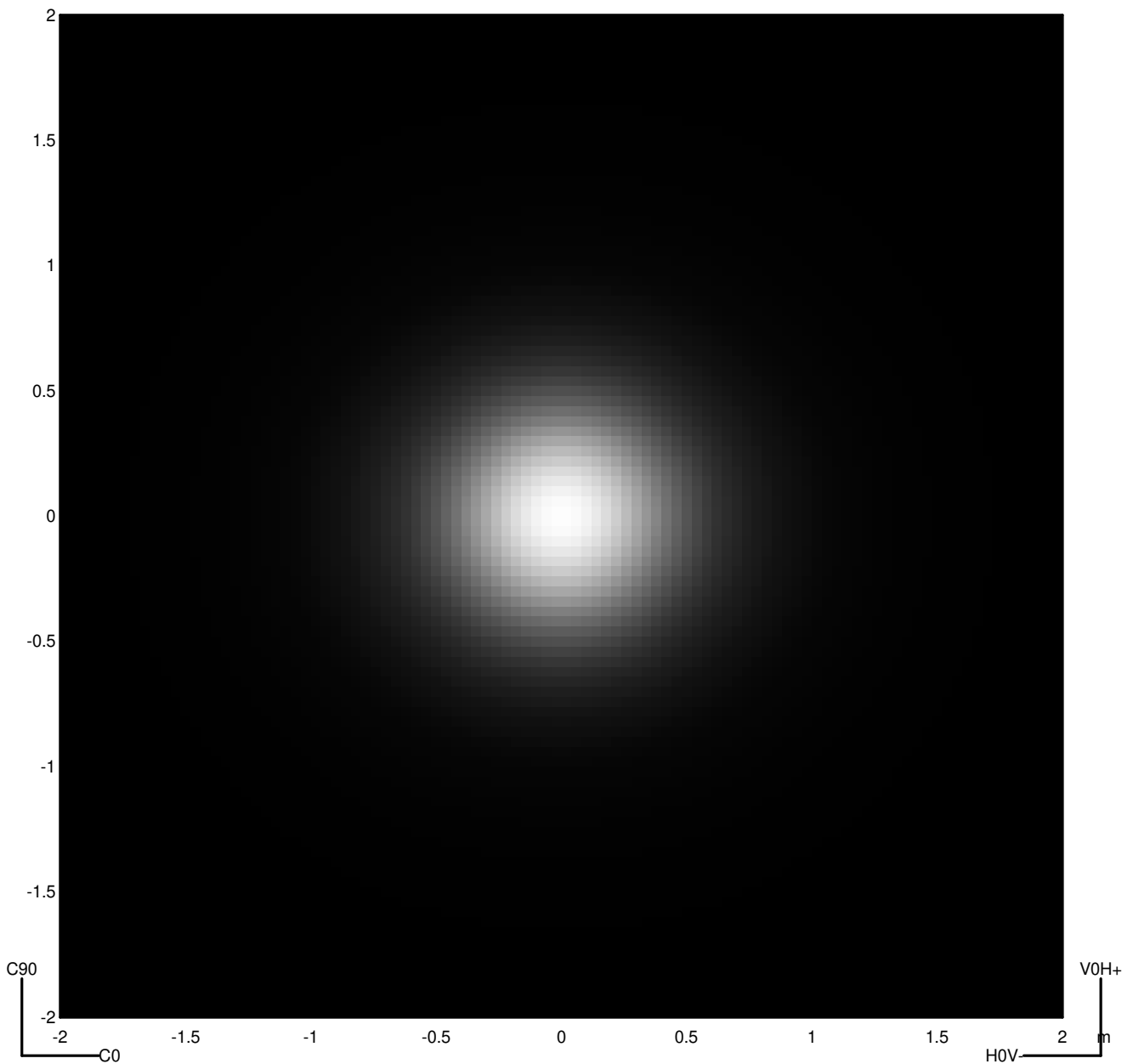
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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



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Source Flux	1006 lm	Maximum value	7423.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	9.1	9.7	9.3	9.9	10.1	8.0	8.7	8.3	8.9	9.0
x=2H y=3H	9.0	9.6	9.3	9.8	10.0	7.9	8.5	8.2	8.7	8.9
x=2H y=4H	8.9	9.5	9.2	9.7	10.0	7.9	8.4	8.1	8.6	8.9
x=2H y=6H	8.8	9.4	9.2	9.6	9.9	7.8	8.3	8.1	8.6	8.8
x=2H y=8H	8.8	9.3	9.1	9.6	9.9	7.7	8.2	8.1	8.5	8.8
x=2H y=12H	8.8	9.2	9.1	9.5	9.8	7.7	8.2	8.0	8.5	8.8
x=4H y=2H	8.9	9.5	9.2	9.7	10.0	7.9	8.4	8.2	8.6	8.9
x=4H y=3H	8.8	9.2	9.1	9.5	9.9	7.7	8.2	8.1	8.5	8.8
x=4H y=4H	8.7	9.1	9.1	9.4	9.8	7.7	8.1	8.0	8.4	8.7
x=4H y=6H	8.7	9.0	9.1	9.3	9.7	7.6	7.9	8.0	8.3	8.7
x=4H y=8H	8.6	8.9	9.0	9.3	9.7	7.6	7.8	8.0	8.2	8.6
x=4H y=12H	8.6	8.8	9.0	9.2	9.7	7.5	7.8	8.0	8.2	8.6
x=8H y=4H	8.6	8.9	9.0	9.3	9.7	7.5	7.8	8.0	8.2	8.6
x=8H y=6H	8.5	8.8	9.0	9.2	9.6	7.5	7.7	7.9	8.1	8.6
x=8H y=8H	8.5	8.7	9.0	9.1	9.6	7.4	7.6	7.9	8.0	8.5
x=8H y=12H	8.4	8.6	8.9	9.1	9.5	7.4	7.5	7.9	8.0	8.5
x=12H y=4H	8.6	8.8	9.0	9.2	9.6	7.5	7.8	7.9	8.2	8.6
x=12H y=6H	8.5	8.7	9.0	9.1	9.6	7.4	7.6	7.9	8.0	8.5
x=12H y=8H	8.4	8.6	8.9	9.1	9.5	7.4	7.5	7.9	8.0	8.5