

Luminaire

Code ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL SYM

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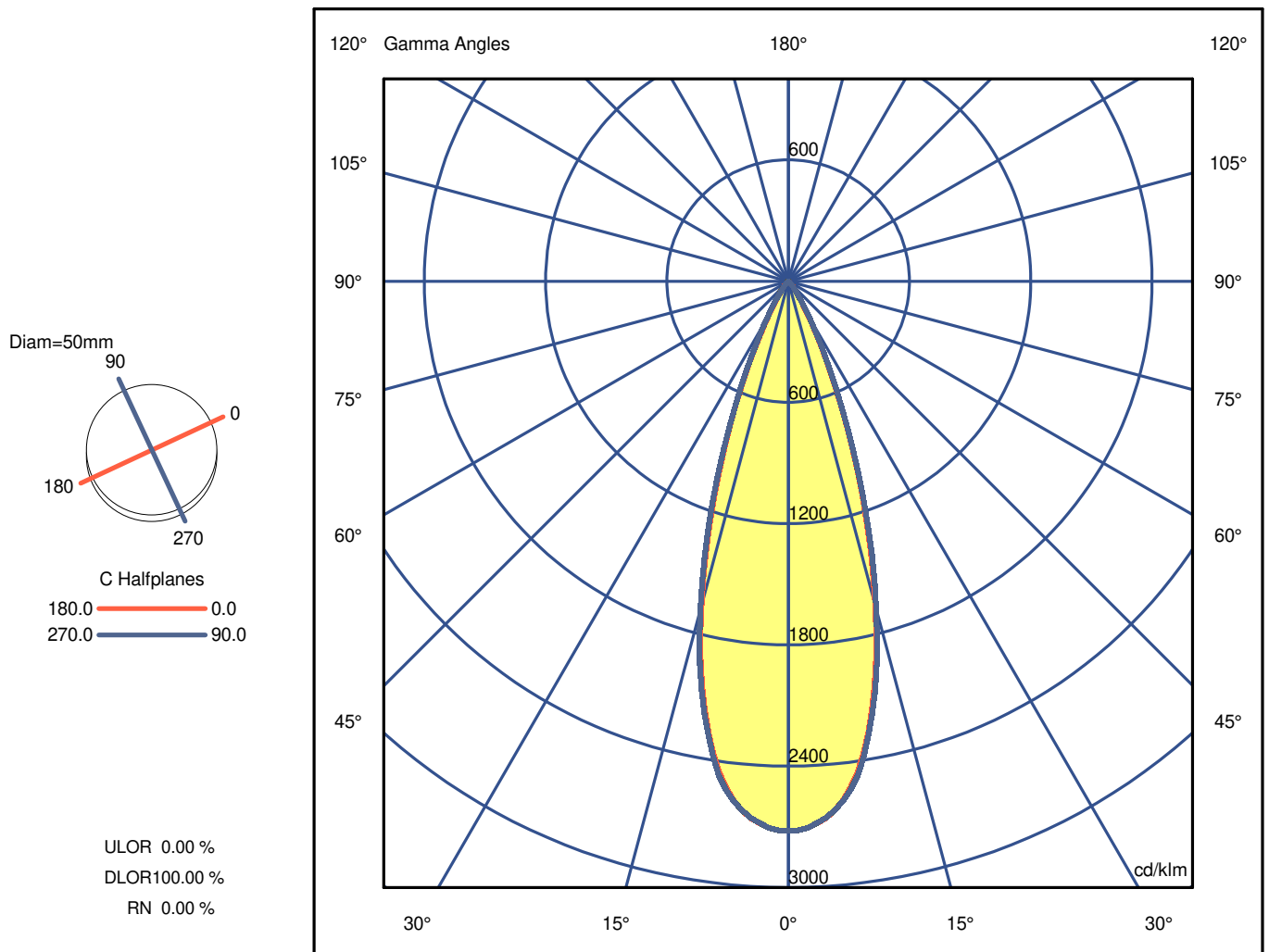
Measur.

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Luminaire Flux	877 lm	Luminaire Power		11.6 W	Efficacy	75.751 lm/W	Efficiency	100.00%
Source Flux	877 lm	Maximum value	2719.40 cd/klm	Position	C=60.00 G=1.00		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		877 lm		
Operator				Rated Voltage				
Temperature				Rated Current				
Humidity				Photocell				
Notes								

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



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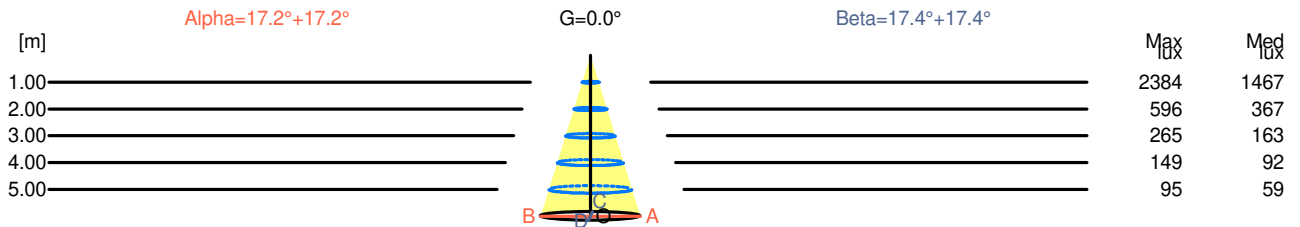
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Width at 50.00 % of Max Intensity

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	0.31	0.62	0.93	1.24	1.55	OC	0.31	0.63	0.94	1.25	1.57
OB	0.31	0.62	0.93	1.24	1.55	OD	0.31	0.63	0.94	1.25	1.57

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2384.49	2305.63	1456.06	424.80	66.35	13.06	3.81	0.88	0.31	0.05
OB	2384.49	2305.63	1456.06	424.80	66.35	13.06	3.81	0.88	0.31	0.05
OC	2384.49	2304.84	1473.17	432.67	68.82	12.53	3.92	0.83	0.30	0.05
OD	2384.49	2304.84	1473.17	432.67	68.82	12.53	3.92	0.83	0.30	0.05



H[m]	D[m]	Max lux	Med lux	Alpha=17.2°+17.2°	G=0.0	
1.00	0.62	2384	1467			
2.00	1.24	596	367			
3.00	1.86	265	163			
4.00	2.48	149	92			
5.00	3.10	95	59			

H[m]	D[m]	Max lux	Med lux	Beta=17.4°+17.4°	G=0.0	
1.00	0.63	2384	1467			
2.00	1.25	596	367			
3.00	1.88	265	163			
4.00	2.51	149	92			
5.00	3.14	95	59			

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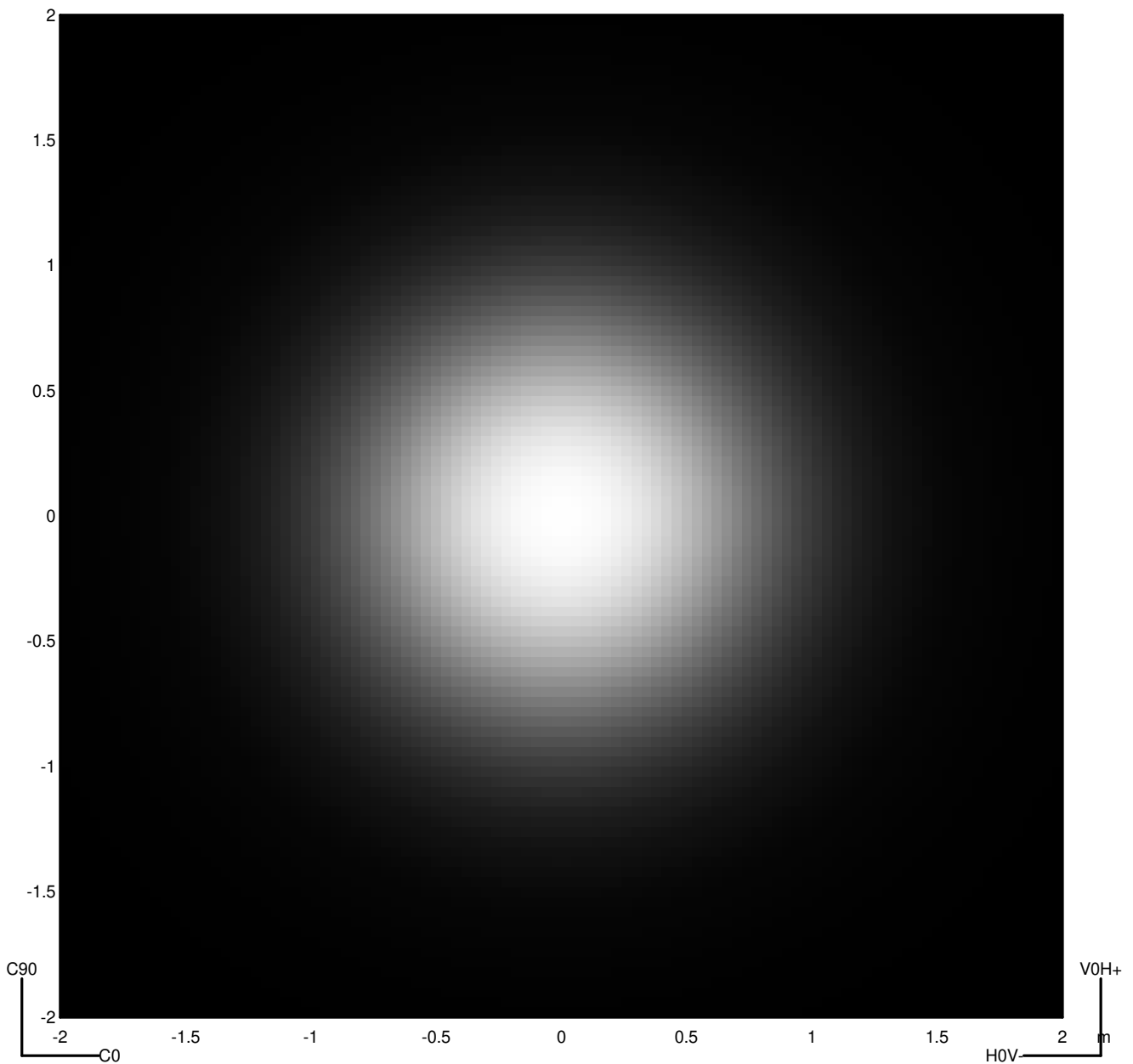
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Isolux (Floor)

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



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Source Flux	877 lm	Maximum value	2719.40 cd/klm	Position	C=60.00 G=1.00	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	12.0	12.6	12.2	12.8	13.0	12.2	12.9	12.5	13.1	13.3
x=2H y=3H	11.9	12.5	12.1	12.7	12.9	12.1	12.7	12.4	12.9	13.2
x=2H y=4H	11.8	12.4	12.1	12.6	12.9	12.0	12.6	12.3	12.8	13.1
x=2H y=6H	11.7	12.3	12.1	12.5	12.8	12.0	12.5	12.3	12.7	13.0
x=2H y=8H	11.7	12.2	12.0	12.5	12.8	11.9	12.4	12.3	12.7	13.0
x=2H y=12H	11.7	12.1	12.0	12.4	12.7	11.9	12.4	12.2	12.6	13.0
x=4H y=2H	11.8	12.4	12.1	12.6	12.9	12.0	12.6	12.3	12.8	13.1
x=4H y=3H	11.7	12.1	12.0	12.4	12.7	11.9	12.4	12.3	12.7	13.0
x=4H y=4H	11.6	12.0	12.0	12.4	12.7	11.9	12.2	12.2	12.6	12.9
x=4H y=6H	11.6	11.9	12.0	12.3	12.6	11.8	12.1	12.2	12.5	12.8
x=4H y=8H	11.5	11.8	11.9	12.2	12.6	11.7	12.0	12.2	12.4	12.8
x=4H y=12H	11.5	11.7	11.9	12.1	12.6	11.7	12.0	12.1	12.4	12.8
x=8H y=4H	11.5	11.8	11.9	12.2	12.6	11.7	12.0	12.2	12.4	12.8
x=8H y=6H	11.4	11.7	11.9	12.1	12.5	11.7	11.9	12.1	12.3	12.7
x=8H y=8H	11.4	11.6	11.8	12.0	12.5	11.6	11.8	12.1	12.2	12.7
x=8H y=12H	11.3	11.5	11.8	12.0	12.4	11.6	11.7	12.1	12.2	12.7
x=12H y=4H	11.5	11.7	11.9	12.1	12.5	11.7	11.9	12.1	12.3	12.8
x=12H y=6H	11.4	11.6	11.8	12.0	12.5	11.6	11.8	12.1	12.2	12.7
x=12H y=8H	11.3	11.5	11.8	12.0	12.4	11.6	11.7	12.1	12.2	12.7