

Rotaliana

Luminaire

Code ROTALIANA 538-QL22-S0X 2700K CRI 90 LED CXB1310 C17793-AMY-45-WW-LEDIL SYM

Name ROTALIANA 538-QL22-S0X 2700K CRI 90 LED CXB1310 C17793-AMY-45-WW-LEDIL SYM

Measur.

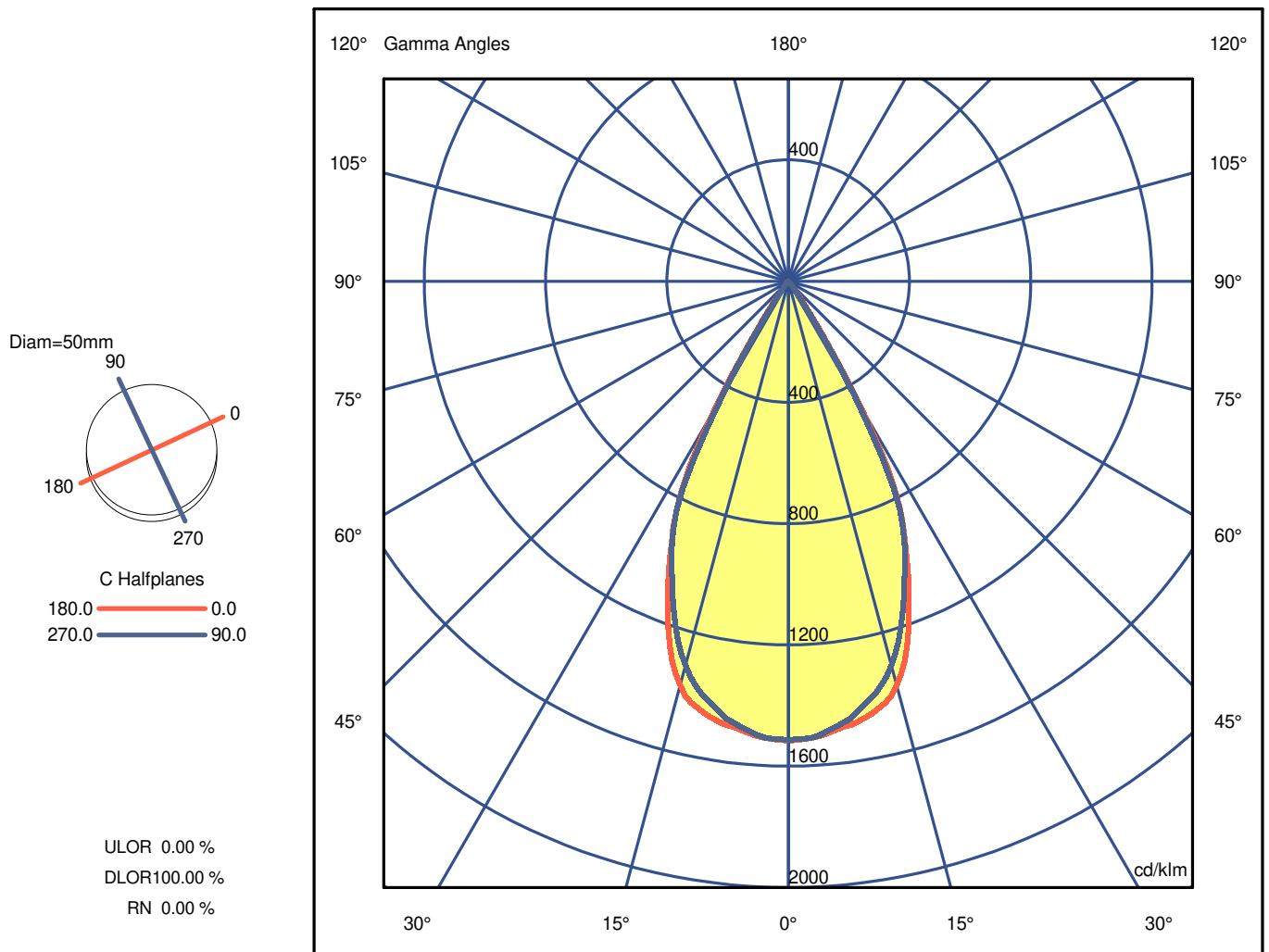
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Luminaire Flux	890 lm	Luminaire Power	11.7 W	Efficacy	75.930 lm/W	Efficiency	100.00%
Source Flux	890 lm	Maximum value	1514.80 cd/klm	Position	C=67.50 G=1.00	CG	Double Symmetrical
Round Luminaire		Diam.	50 mm	Height	150 mm		
Round Luminous Area		Diam.	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		890 lm	
Operator				Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line		Code	Name	Flux [lm]	Pow. [W]	Q.ty
		LED	LED	889.90	11.72	1
C.I.E.	100 100 100 100 100		D DIN 5040	A60		
F UTE	--		B NBN	BZ 1		



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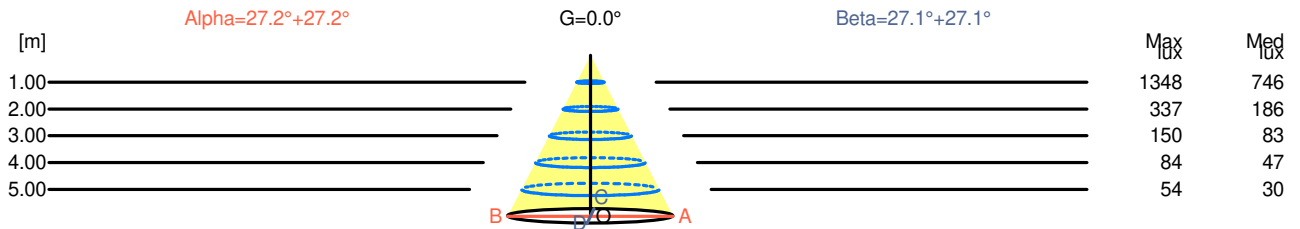
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Width at 50.00 % of Max Intensity

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	0.51	1.03	1.54	2.06	2.57	OC	0.51	1.02	1.53	2.04	2.55
OB	0.51	1.03	1.54	2.06	2.57	OD	0.51	1.02	1.53	2.04	2.55

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1347.84	1331.82	1227.26	799.78	69.62	6.49	2.29	0.49	0.19	0.05
OB	1347.84	1331.82	1227.26	799.78	69.62	6.49	2.29	0.49	0.19	0.05
OC	1347.84	1325.51	1166.75	795.93	43.40	5.19	1.84	0.45	0.20	0.05
OD	1347.84	1325.51	1166.75	795.93	43.40	5.19	1.84	0.45	0.20	0.05



H[m]	D[m]	Max lux	Med lux	Alpha=27.2°+27.2°	G=0.0	
1.00	1.03	1348	746			
2.00	2.06	337	186			
3.00	3.08	150	83			
4.00	4.11	84	47			
5.00	5.14	54	30			

H[m]	D[m]	Max lux	Med lux	Beta=27.1°+27.1°	G=0.0	
1.00	1.02	1348	746			
2.00	2.04	337	186			
3.00	3.07	150	83			
4.00	4.09	84	47			
5.00	5.11	54	30			

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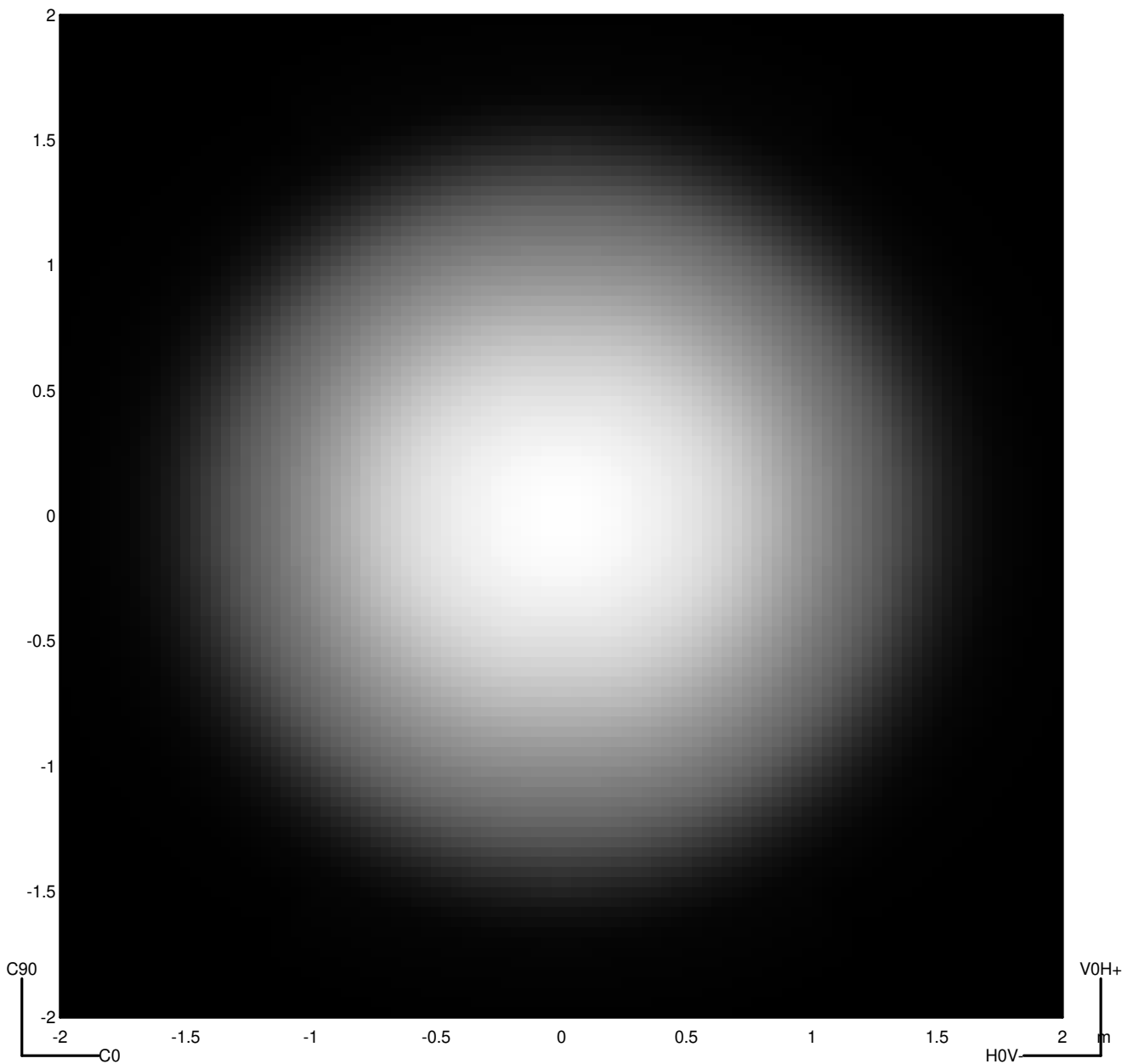
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Isolux (Floor)

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	14.4	15.1	14.7	15.2	15.4	13.1	13.7	13.3	13.9	14.1
x=2H y=3H	14.3	14.9	14.6	15.1	15.3	13.0	13.5	13.2	13.8	14.0
x=2H y=4H	14.2	14.8	14.5	15.0	15.3	12.9	13.4	13.2	13.7	13.9
x=2H y=6H	14.1	14.6	14.5	14.9	15.2	12.8	13.3	13.1	13.6	13.9
x=2H y=8H	14.1	14.6	14.4	14.9	15.2	12.8	13.3	13.1	13.5	13.9
x=2H y=12H	14.1	14.5	14.4	14.8	15.2	12.8	13.2	13.1	13.5	13.8
x=4H y=2H	14.2	14.8	14.5	15.0	15.3	12.9	13.4	13.2	13.7	14.0
x=4H y=3H	14.1	14.5	14.4	14.8	15.2	12.8	13.2	13.1	13.5	13.8
x=4H y=4H	14.0	14.4	14.4	14.7	15.1	12.7	13.1	13.0	13.4	13.7
x=4H y=6H	13.9	14.3	14.3	14.6	15.0	12.6	12.9	13.0	13.3	13.7
x=4H y=8H	13.9	14.2	14.3	14.5	15.0	12.6	12.9	13.0	13.2	13.6
x=4H y=12H	13.9	14.1	14.3	14.5	14.9	12.5	12.8	13.0	13.2	13.6
x=8H y=4H	13.9	14.2	14.3	14.5	15.0	12.6	12.9	13.0	13.2	13.6
x=8H y=6H	13.8	14.0	14.3	14.4	14.9	12.5	12.7	12.9	13.1	13.6
x=8H y=8H	13.8	13.9	14.2	14.4	14.8	12.4	12.6	12.9	13.1	13.5
x=8H y=12H	13.7	13.8	14.2	14.3	14.8	12.4	12.5	12.9	13.0	13.5
x=12H y=4H	13.9	14.1	14.3	14.5	14.9	12.5	12.8	13.0	13.2	13.6
x=12H y=6H	13.8	13.9	14.2	14.4	14.8	12.4	12.6	12.9	13.1	13.5
x=12H y=8H	13.7	13.8	14.2	14.3	14.8	12.4	12.5	12.9	13.0	13.5