

Rotaliana

Luminaire

Code 538-QL22-S07
Name 3000K CRI 90 LED CXB1310 C17793-AMY-45-WW-LEDIL

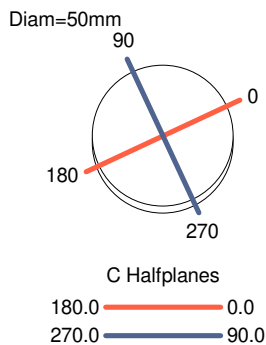
Measurem.

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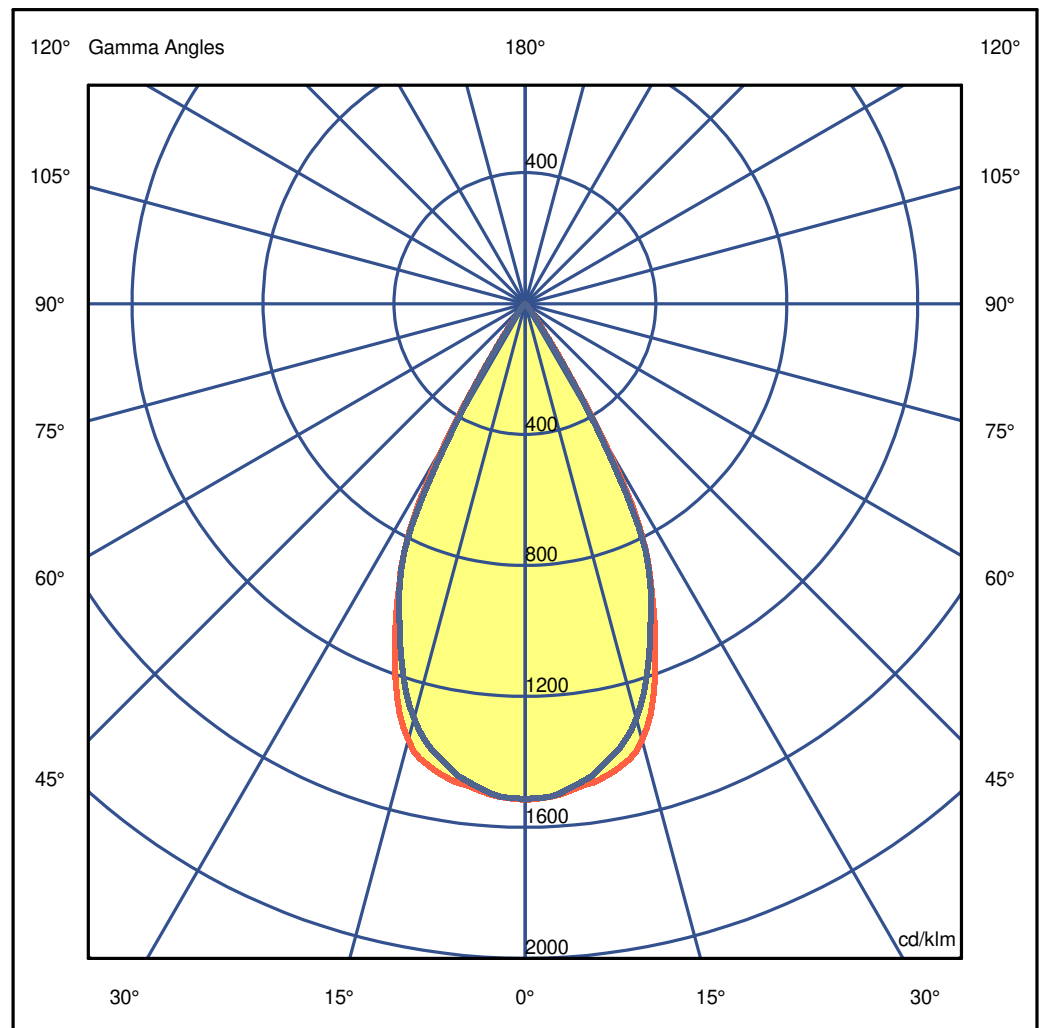
Luminaire Flux	920 lm	Luminaire Power	11.7 W	Efficacy	78.472 lm/W	Efficiency	100.00%
Source Flux	920 lm	Maximum value	1514.80 cd/klm	Position	C=67.50 G=1.00	CG	Double Symmetrical
Round Luminaire		Diam.	50 mm	Height	150 mm		
Round Luminous Area		Diam.	50 mm	Height	1 mm		
Horizontal Luminous Area		0.001963 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		22-04-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		920 lm	
Operator		.41.13		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	538-QL22-S07	538-QL22-S07	919.70	11.72	1
C.I.E.	100 100 100 100 100	D DIN 5040	A60		
F UTE	--	B NBN	BZ 1		



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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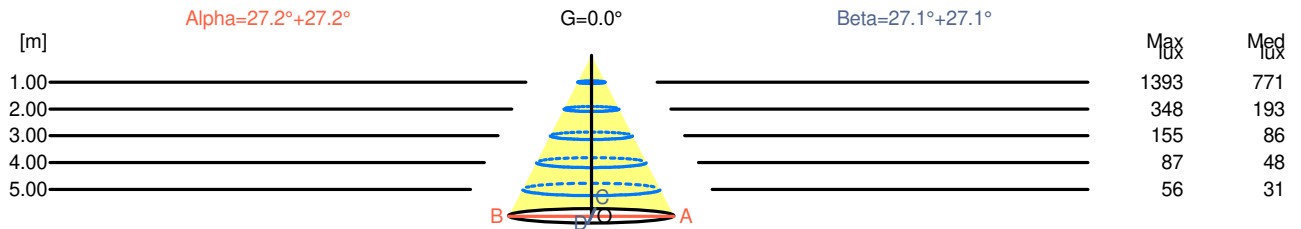
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Width at 50.00 % of Max Intensity

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	0.51	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

	0	5	15	25	35	45	55	65	75	85
OA	1392.98	1376.42	1268.36	826.56	71.95	6.71	2.37	0.50	0.20	0.05
OB	1392.98	1376.42	1268.36	826.56	71.95	6.71	2.37	0.50	0.20	0.05
OC	1392.98	1369.89	1205.82	822.58	44.86	5.36	1.90	0.47	0.20	0.05
OD	1392.98	1369.89	1205.82	822.58	44.86	5.36	1.90	0.47	0.20	0.05



H[m]	D[m]	Max lux	Med lux	Alpha=27.2°+27.2°	G=0.0	
1.00	1.03	1393	771			
2.00	2.06	348	193			
3.00	3.08	155	86			
4.00	4.11	87	48			
5.00	5.14	56	31			

H[m]	D[m]	Max lux	Med lux	Beta=27.1°+27.1°	G=0.0	
1.00	1.02	1393	771			
2.00	2.04	348	193			
3.00	3.07	155	86			
4.00	4.09	87	48			
5.00	5.11	56	31			

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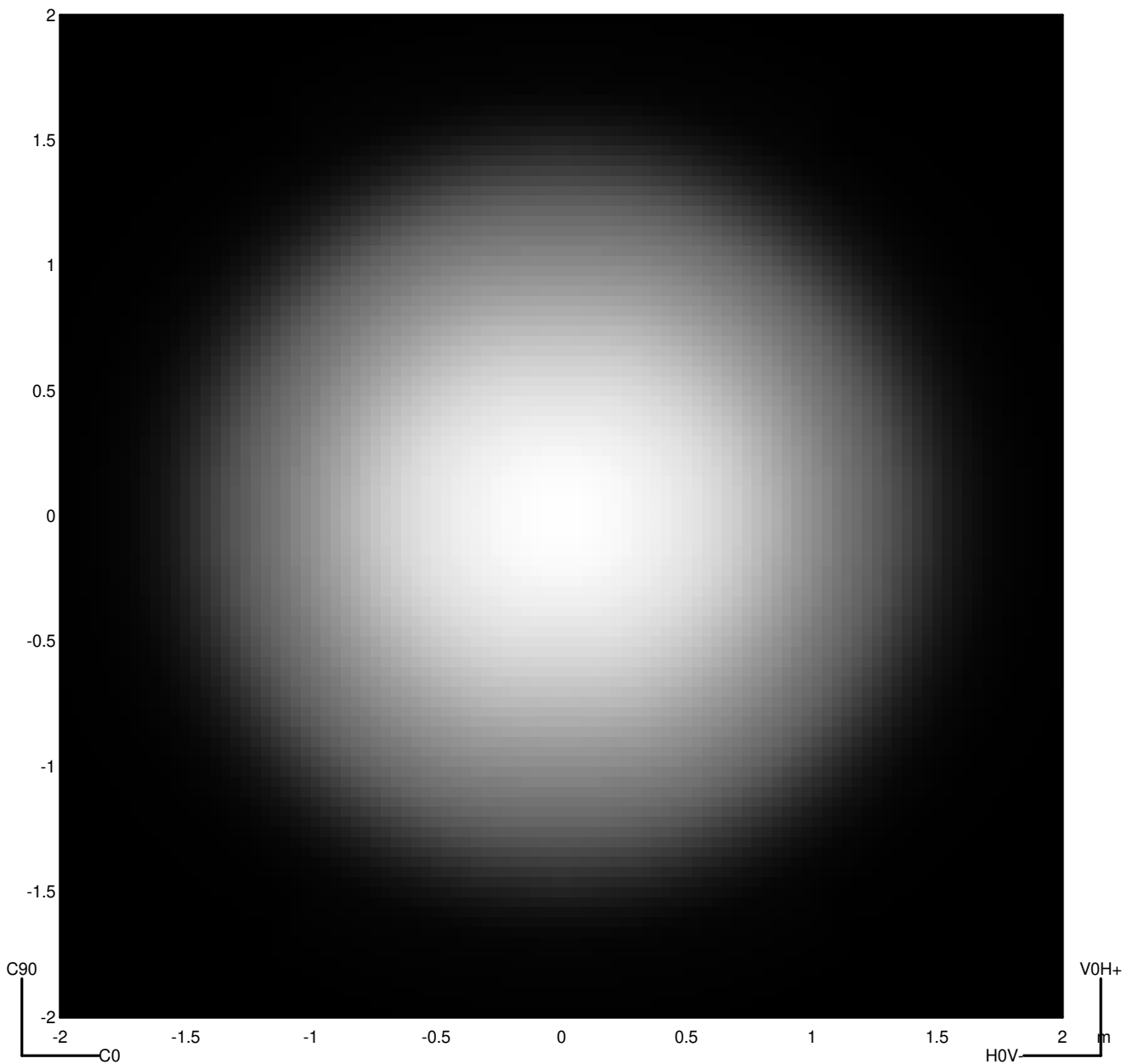
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Isolux (Floor)

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	14.5	15.2	14.8	15.4	15.6	13.2	13.8	13.5	14.0	14.2
x=2H y=3H	14.4	15.0	14.7	15.2	15.4	13.1	13.7	13.4	13.9	14.1
x=2H y=4H	14.3	14.9	14.6	15.1	15.4	13.0	13.6	13.3	13.8	14.1
x=2H y=6H	14.3	14.8	14.6	15.0	15.3	12.9	13.4	13.3	13.7	14.0
x=2H y=8H	14.2	14.7	14.6	15.0	15.3	12.9	13.4	13.2	13.7	14.0
x=2H y=12H	14.2	14.7	14.5	14.9	15.3	12.9	13.3	13.2	13.6	13.9
x=4H y=2H	14.3	14.9	14.6	15.1	15.4	13.0	13.6	13.3	13.8	14.1
x=4H y=3H	14.2	14.7	14.5	15.0	15.3	12.9	13.3	13.2	13.6	13.9
x=4H y=4H	14.1	14.5	14.5	14.8	15.2	12.8	13.2	13.2	13.5	13.9
x=4H y=6H	14.0	14.4	14.4	14.7	15.1	12.7	13.1	13.1	13.4	13.8
x=4H y=8H	14.0	14.3	14.4	14.7	15.1	12.7	13.0	13.1	13.3	13.8
x=4H y=12H	14.0	14.2	14.4	14.6	15.0	12.7	12.9	13.1	13.3	13.7
x=8H y=4H	14.0	14.3	14.4	14.7	15.1	12.7	13.0	13.1	13.3	13.7
x=8H y=6H	13.9	14.1	14.4	14.6	15.0	12.6	12.8	13.0	13.2	13.7
x=8H y=8H	13.9	14.1	14.3	14.5	15.0	12.6	12.7	13.0	13.2	13.6
x=8H y=12H	13.8	14.0	14.3	14.4	14.9	12.5	12.6	13.0	13.1	13.6
x=12H y=4H	14.0	14.2	14.4	14.6	15.0	12.6	12.9	13.1	13.3	13.7
x=12H y=6H	13.9	14.1	14.3	14.5	15.0	12.6	12.7	13.0	13.2	13.6
x=12H y=8H	13.8	14.0	14.3	14.4	14.9	12.5	12.6	13.0	13.1	13.6