

Rotaliana

Luminaire

Code 538-QL22-S04
Name 2700K CRI 90 LED CXB1310 C17790-AMY-45-S-LEDIL

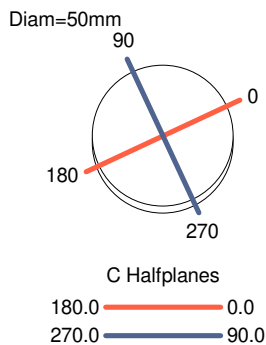
Measurem.

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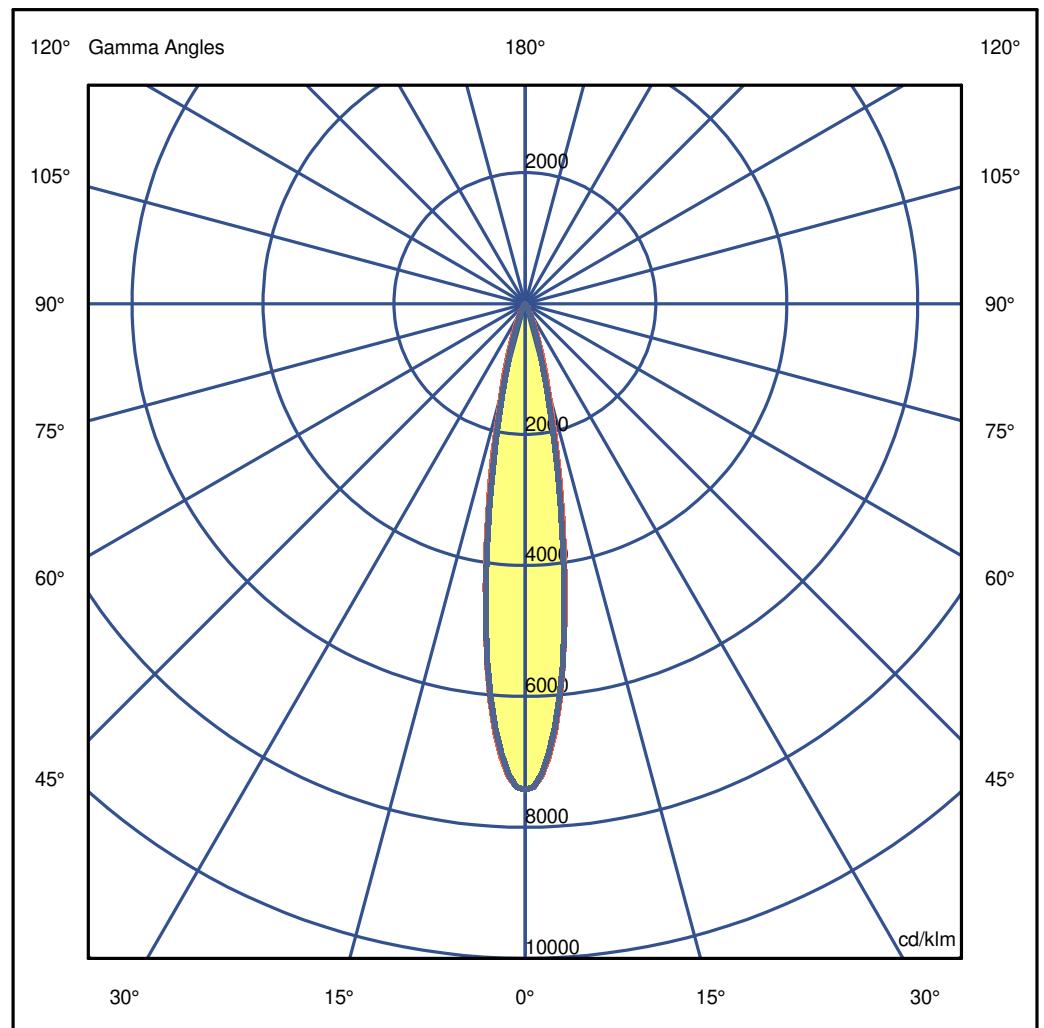
Luminaire Flux	974 lm	Luminaire Power	11.6 W	Efficacy	83.712 lm/W	Efficiency	100.00%
Source Flux	974 lm	Maximum value	7423.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	50 mm	Height	150 mm		
Round Luminous Area		Diam.	50 mm	Height	1 mm		
Horizontal Luminous Area		0.001963 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		21-04-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		974 lm	
Operator		.33.45		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	538-QL22-S04	538-QL22-S04	973.57	11.63	1
C.I.E.	99 100 100 100 100	D DIN 5040	A60		
F UTE	--	B NBN	BZ 1		



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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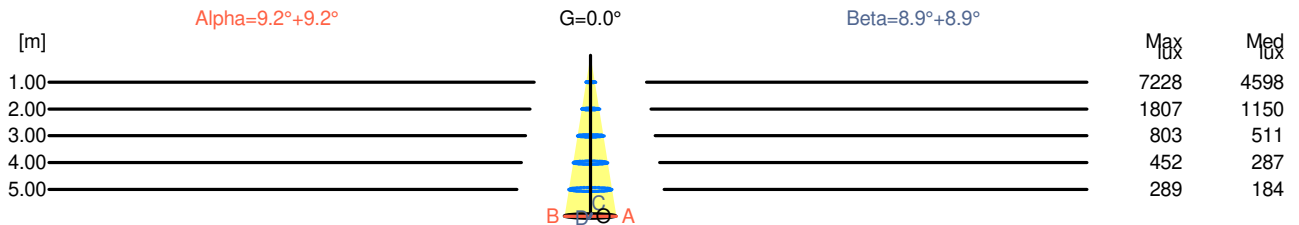
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Source Flux	974 lm	Maximum value	7423.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	7227.59	5923.30	1320.16	215.55	47.23	11.95	2.83	0.51	0.21	0.04
OB	7227.59	5923.30	1320.16	215.55	47.23	11.95	2.83	0.51	0.21	0.04
OC	7227.49	5873.06	1132.07	142.15	40.32	9.41	2.19	0.46	0.18	0.03
OD	7227.49	5873.06	1132.07	142.15	40.32	9.41	2.19	0.46	0.18	0.03



H[m]	D[m]	Max lux	Med lux	Alpha=9.2°+9.2°	G=0.0	
1.00	0.32	7228	4598			
2.00	0.65	1807	1150			
3.00	0.97	803	511			
4.00	1.29	452	287			
5.00	1.61	289	184			

H[m]	D[m]	Max lux	Med lux	Beta=8.9°+8.9°	G=0.0	
1.00	0.31	7228	4598			
2.00	0.63	1807	1150			
3.00	0.94	803	511			
4.00	1.26	452	287			
5.00	1.57	289	184			

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Measurem.

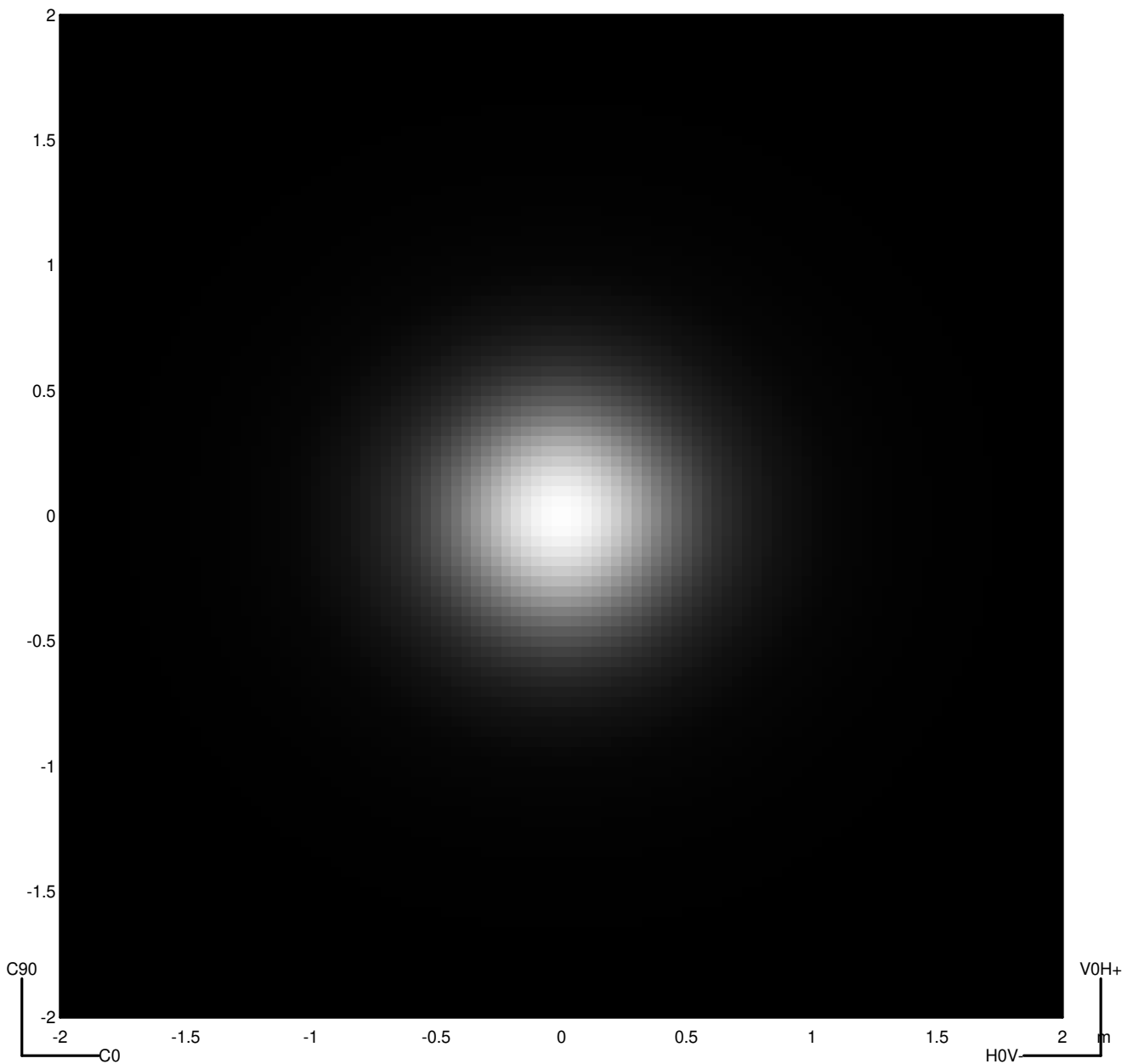
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Source Flux	974 lm	Maximum value	7423.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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



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Measurement

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Source Flux	974 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	9.0	9.6	9.2	9.8	10.0	7.9	8.5	8.2	8.7	8.9
x=2H y=3H	8.9	9.5	9.2	9.7	9.9	7.8	8.4	8.1	8.6	8.8
x=2H y=4H	8.8	9.4	9.1	9.6	9.9	7.7	8.3	8.0	8.5	8.8
x=2H y=6H	8.7	9.2	9.0	9.5	9.8	7.7	8.2	8.0	8.4	8.7
x=2H y=8H	8.7	9.2	9.0	9.5	9.8	7.6	8.1	7.9	8.4	8.7
x=2H y=12H	8.7	9.1	9.0	9.4	9.7	7.6	8.0	7.9	8.3	8.7
x=4H y=2H	8.8	9.4	9.1	9.6	9.9	7.7	8.3	8.0	8.5	8.8
x=4H y=3H	8.7	9.1	9.0	9.4	9.7	7.6	8.1	7.9	8.4	8.7
x=4H y=4H	8.6	9.0	9.0	9.3	9.7	7.6	7.9	7.9	8.3	8.6
x=4H y=6H	8.5	8.9	8.9	9.2	9.6	7.5	7.8	7.9	8.2	8.5
x=4H y=8H	8.5	8.8	8.9	9.2	9.6	7.4	7.7	7.9	8.1	8.5
x=4H y=12H	8.5	8.7	8.9	9.1	9.5	7.4	7.7	7.8	8.1	8.5
x=8H y=4H	8.5	8.8	8.9	9.2	9.6	7.4	7.7	7.9	8.1	8.5
x=8H y=6H	8.4	8.6	8.9	9.1	9.5	7.4	7.6	7.8	8.0	8.4
x=8H y=8H	8.4	8.5	8.8	9.0	9.5	7.3	7.5	7.8	7.9	8.4
x=8H y=12H	8.3	8.5	8.8	8.9	9.4	7.3	7.4	7.8	7.9	8.4
x=12H y=4H	8.5	8.7	8.9	9.1	9.5	7.4	7.6	7.8	8.0	8.5
x=12H y=6H	8.4	8.5	8.8	9.0	9.4	7.3	7.5	7.8	7.9	8.4
x=12H y=8H	8.3	8.5	8.8	8.9	9.4	7.3	7.4	7.8	7.9	8.4