

Rotaliana

Luminaire

Code 538-QL22-S06
Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

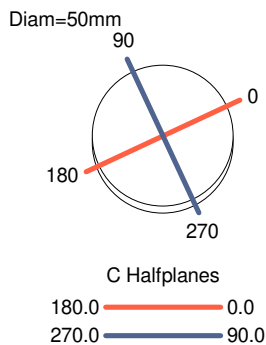
Measurem.

Code ROTALIANA 538-QL22-S06 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL
Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

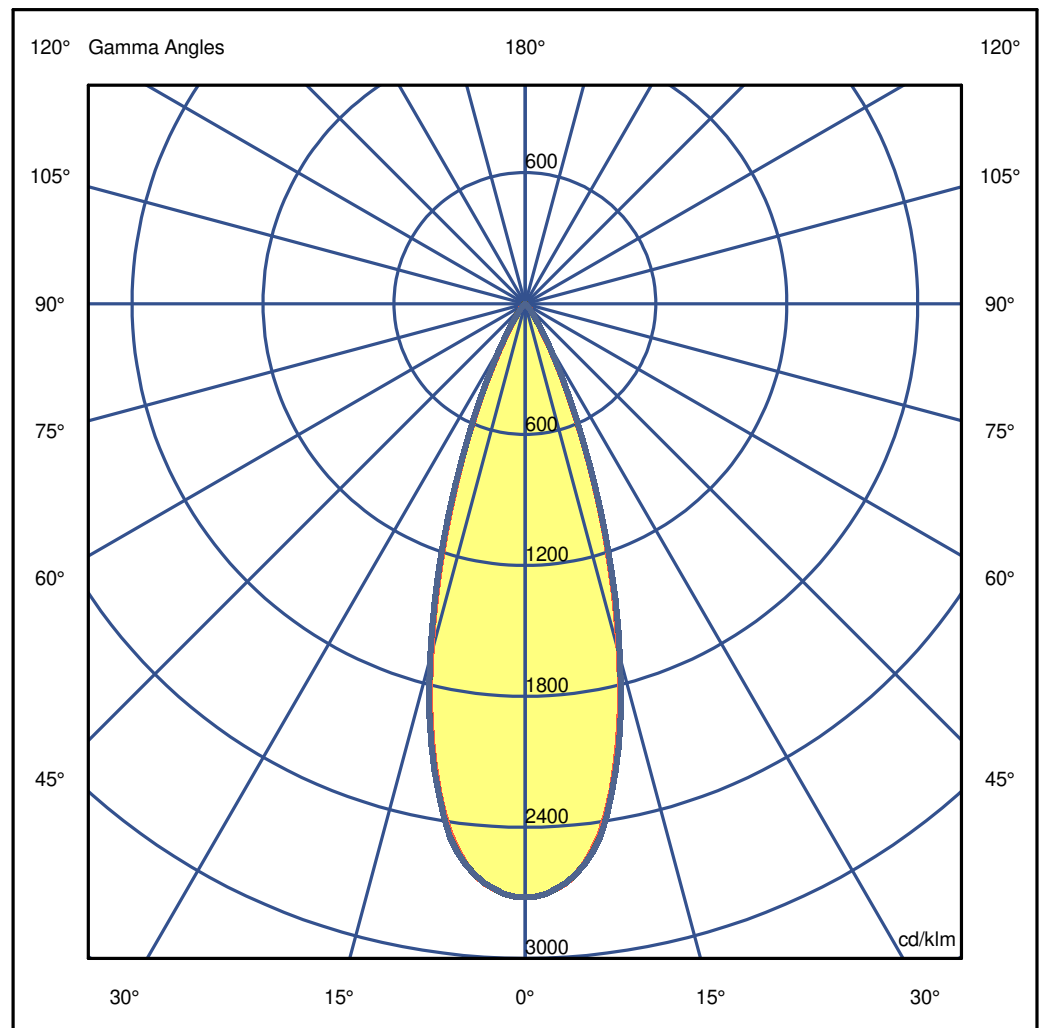
Luminaire Flux	849 lm	Luminaire Power	11.6 W	Efficacy	73.296 lm/W	Efficiency	100.00%
Source Flux	849 lm	Maximum value	2719.40 cd/klm	Position	C=60.00 G=1.00	CG	Double Symmetrical
Round Luminaire		Diam.	50 mm	Height	150 mm		
Round Luminous Area		Diam.	50 mm	Height	1 mm		
Horizontal Luminous Area		0.001963 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		21-04-2022		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		849 lm	
Operator		.52.06		Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	538-QL22-S06	538-QL22-S06	848.77	11.58	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 %



Rotaliana

Luminaire

Code 538-QL22-S06
Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Measurem.

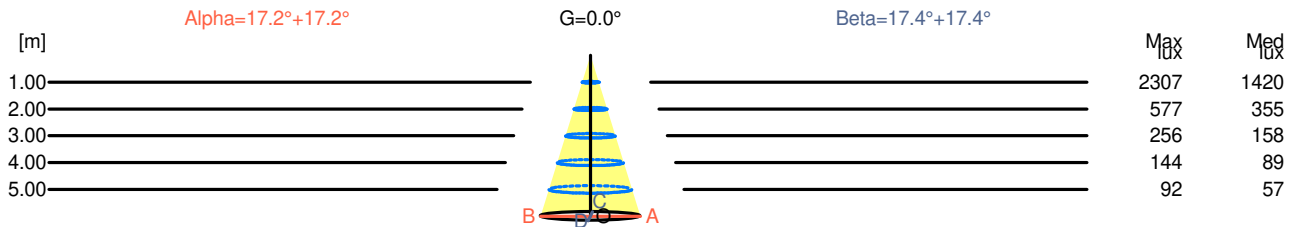
Code ROTALIANA 538-QL22-S06 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL
Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Luminaire Flux	849 lm	Luminaire Power	11.6 W	Efficacy	73.296 lm/W	Efficiency	100.00%
Source Flux	849 lm	Maximum value	2719.40 cd/klm	Position	C=60.00 G=1.00	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	0.31	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	2307.21	2230.91	1408.87	411.03	64.20	12.63	3.69	0.85	0.30	0.05
OB	2307.21	2230.91	1408.87	411.03	64.20	12.63	3.69	0.85	0.30	0.05
OC	2307.21	2230.14	1425.42	418.64	66.59	12.12	3.79	0.80	0.29	0.05
OD	2307.21	2230.14	1425.42	418.64	66.59	12.12	3.79	0.80	0.29	0.05



H[m]	D[m]	Max lux	Med lux	Alpha=17.2°+17.2°	G=0.0	
1.00	0.62	2307	1420			
2.00	1.24	577	355			
3.00	1.86	256	158			
4.00	2.48	144	89			
5.00	3.10	92	57			

H[m]	D[m]	Max lux	Med lux	Beta=17.4°+17.4°	G=0.0	
1.00	0.63	2307	1420			
2.00	1.25	577	355			
3.00	1.88	256	158			
4.00	2.51	144	89			
5.00	3.14	92	57			

Luminaire

Code 538-QL22-S06

Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Measur.

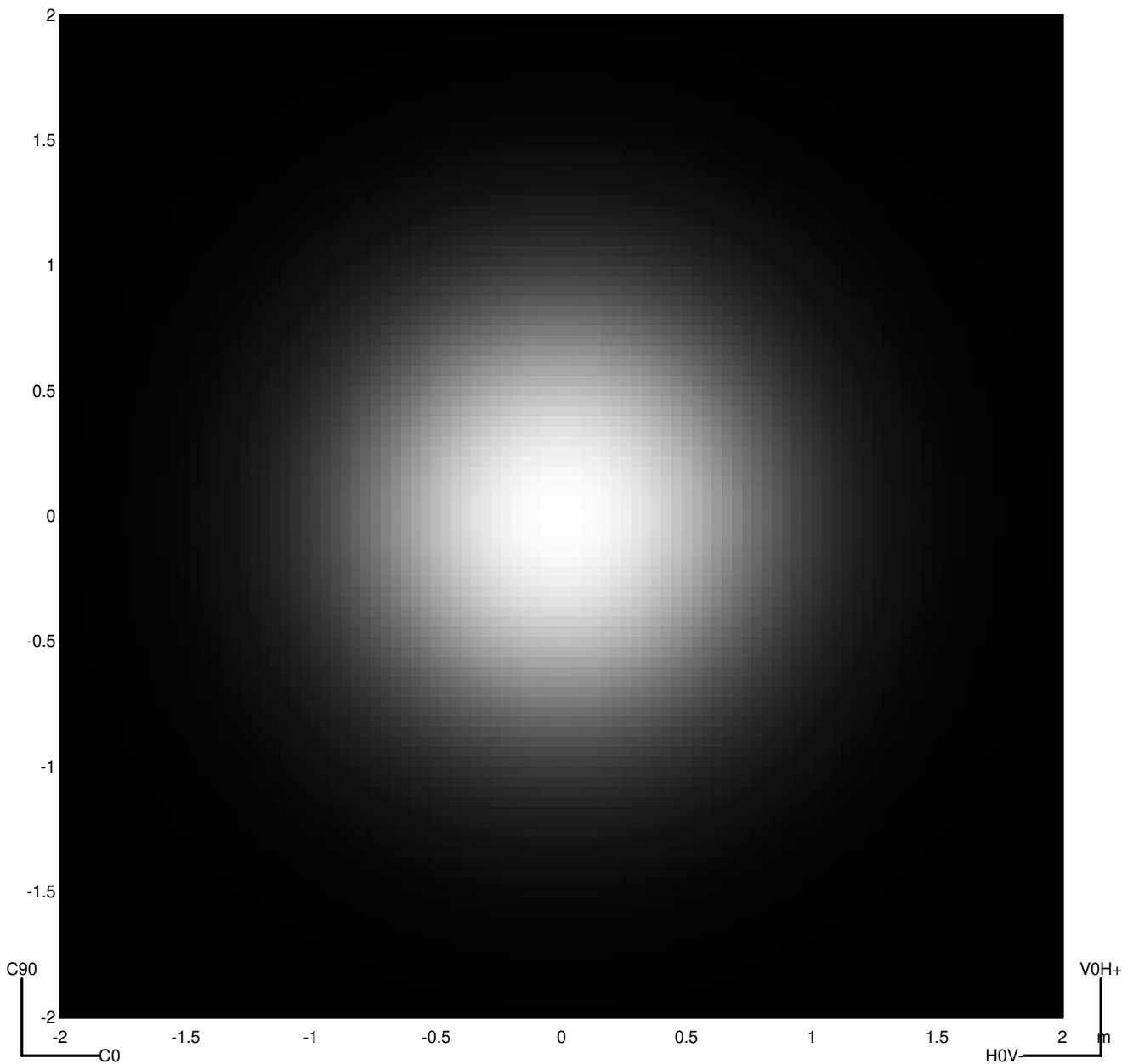
Code ROTALIANA 538-QL22-S06 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Luminaire Flux	849 lm	Luminaire Power	11.6 W	Efficacy	73.296 lm/W	Efficiency	100.00%
Source Flux	849 lm	Maximum value	2719.40 cd/klm	Position	C=60.00 G=1.00	CG	Double Symmetrical

Isolux (Floor)

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



Luminaire

Code 538-QL22-S06

Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Measurement

Code ROTALIANA 538-QL22-S06 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Name 2700K CRI 90 LED CXB1310 C17792-AMY-45-W-LEDIL

Luminaire Flux	849 lm	Luminaire Power	11.6 W	Efficacy	73.296 lm/W	Efficiency	100.00%
Source Flux	849 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	11.9	12.5	12.1	12.7	12.9	12.1	12.8	12.3	12.9	13.1
x=2H y=3H	11.8	12.3	12.0	12.6	12.8	12.0	12.6	12.3	12.8	13.0
x=2H y=4H	11.7	12.3	12.0	12.5	12.7	11.9	12.5	12.2	12.7	13.0
x=2H y=6H	11.6	12.1	11.9	12.4	12.7	11.8	12.4	12.2	12.6	12.9
x=2H y=8H	11.6	12.1	11.9	12.4	12.7	11.8	12.3	12.1	12.6	12.9
x=2H y=12H	11.5	12.0	11.9	12.3	12.6	11.8	12.2	12.1	12.5	12.8
x=4H y=2H	11.7	12.3	12.0	12.5	12.7	11.9	12.5	12.2	12.7	13.0
x=4H y=3H	11.6	12.0	11.9	12.3	12.6	11.8	12.3	12.1	12.6	12.9
x=4H y=4H	11.5	11.9	11.9	12.2	12.6	11.7	12.1	12.1	12.5	12.8
x=4H y=6H	11.4	11.8	11.8	12.1	12.5	11.7	12.0	12.1	12.4	12.7
x=4H y=8H	11.4	11.7	11.8	12.1	12.5	11.6	11.9	12.0	12.3	12.7
x=4H y=12H	11.4	11.6	11.8	12.0	12.4	11.6	11.8	12.0	12.2	12.7
x=8H y=4H	11.4	11.7	11.8	12.1	12.5	11.6	11.9	12.0	12.3	12.7
x=8H y=6H	11.3	11.5	11.8	12.0	12.4	11.5	11.8	12.0	12.2	12.6
x=8H y=8H	11.3	11.4	11.7	11.9	12.4	11.5	11.7	12.0	12.1	12.6
x=8H y=12H	11.2	11.4	11.7	11.8	12.3	11.4	11.6	11.9	12.1	12.6
x=12H y=4H	11.4	11.6	11.8	12.0	12.4	11.6	11.8	12.0	12.2	12.7
x=12H y=6H	11.3	11.4	11.7	11.9	12.4	11.5	11.7	12.0	12.1	12.6
x=12H y=8H	11.2	11.4	11.7	11.8	12.3	11.4	11.6	11.9	12.1	12.6