

Rotaliana

Luminaire

Code ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17791-AMY-45-M-LEDIL SYM

Name ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17791-AMY-45-M-LEDIL SYM

Measurem.

Code ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17791-AMY-45-M-LEDIL SYM

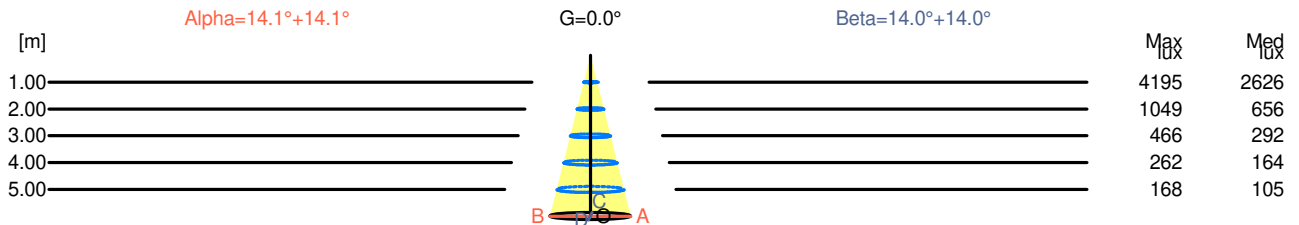
Name ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17791-AMY-45-M-LEDIL SYM

Luminaire Flux	1062 lm	Luminaire Power	11.6 W	Efficacy	91.534 lm/W	Efficiency	100.00%
Source Flux	1062 lm	Maximum value	3951.30 cd/klm	Position	C=25.00 G=0.50	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	0.25	0.50	0.76	1.01	1.26	OC	0.25	0.50	0.75	1.00	1.25
OB	0.25	0.50	0.76	1.01	1.26	OD	0.25	0.50	0.75	1.00	1.25

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4193.58	3911.35	1907.01	275.22	45.68	11.03	2.48	0.47	0.19	0.05
OB	4193.58	3911.35	1907.01	275.22	45.68	11.03	2.48	0.47	0.19	0.05
OC	4193.58	3907.74	1870.81	271.90	44.47	11.00	2.40	0.47	0.20	0.05
OD	4193.58	3907.74	1870.81	271.90	44.47	11.00	2.40	0.47	0.20	0.05



H[m]	D[m]	Max lux	Med lux	Alpha=14.1°+14.1°	G=0.0
1.00	0.50	4195	2626		
2.00	1.01	1049	656		
3.00	1.51	466	292		
4.00	2.02	262	164		
5.00	2.52	168	105		

H[m]	D[m]	Max lux	Med lux	Beta=14.0°+14.0°	G=0.0
1.00	0.50	4195	2626		
2.00	1.00	1049	656		
3.00	1.50	466	292		
4.00	1.99	262	164		
5.00	2.49	168	105		

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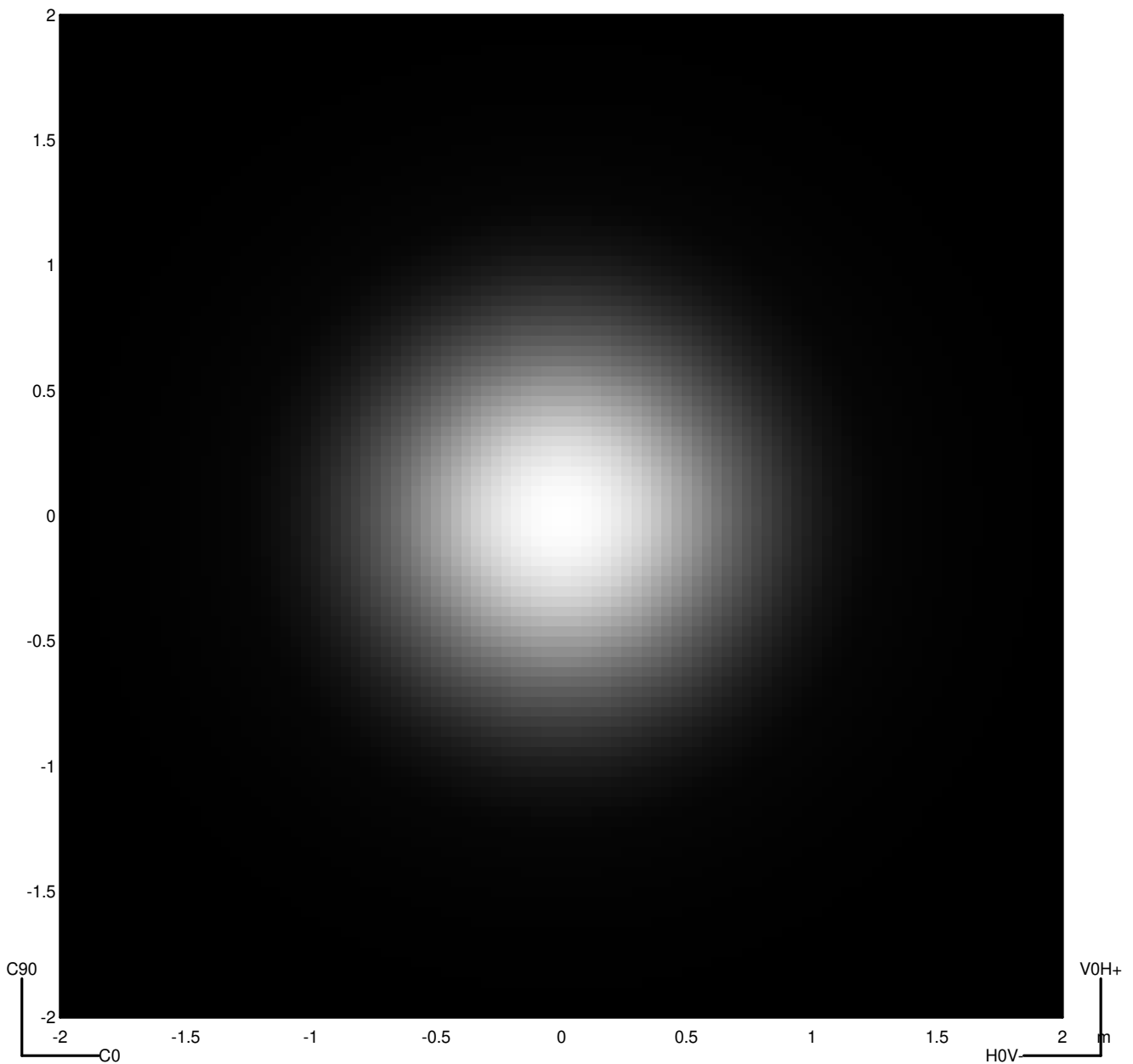
Measurem.

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Isolux (Floor)

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



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Measurement

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Name ROTALIANA 538-QL22-S0X 3000K CRI 90 LED CXB1310 C17791-AMY-45-M-LEDIL SYM

Luminaire Flux	1062 lm	Luminaire Power	11.6 W	Efficacy	91.534 lm/W	Efficiency	100.00%
Source Flux	1062 lm	Maximum value	3951.30 cd/klm	Position	C=25.00 G=0.50	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	8.7	9.3	8.9	9.5	9.7	8.6	9.2	8.8	9.4	9.6
x=2H y=3H	8.5	9.1	8.8	9.4	9.6	8.5	9.0	8.7	9.3	9.5
x=2H y=4H	8.5	9.0	8.8	9.3	9.5	8.4	8.9	8.7	9.2	9.4
x=2H y=6H	8.4	8.9	8.7	9.2	9.5	8.3	8.8	8.7	9.1	9.4
x=2H y=8H	8.4	8.8	8.7	9.1	9.4	8.3	8.8	8.6	9.1	9.4
x=2H y=12H	8.3	8.8	8.7	9.1	9.4	8.3	8.7	8.6	9.0	9.3
x=4H y=2H	8.5	9.0	8.8	9.3	9.5	8.4	9.0	8.7	9.2	9.4
x=4H y=3H	8.4	8.8	8.7	9.1	9.4	8.3	8.7	8.6	9.0	9.3
x=4H y=4H	8.3	8.7	8.7	9.0	9.4	8.2	8.6	8.6	8.9	9.3
x=4H y=6H	8.2	8.5	8.6	8.9	9.3	8.1	8.5	8.5	8.8	9.2
x=4H y=8H	8.2	8.5	8.6	8.9	9.3	8.1	8.4	8.5	8.8	9.2
x=4H y=12H	8.1	8.4	8.6	8.8	9.2	8.1	8.3	8.5	8.7	9.1
x=8H y=4H	8.2	8.5	8.6	8.9	9.2	8.1	8.4	8.5	8.8	9.2
x=8H y=6H	8.1	8.3	8.5	8.7	9.2	8.0	8.2	8.5	8.7	9.1
x=8H y=8H	8.1	8.2	8.5	8.7	9.1	8.0	8.1	8.4	8.6	9.0
x=8H y=12H	8.0	8.1	8.5	8.6	9.1	7.9	8.1	8.4	8.5	9.0
x=12H y=4H	8.1	8.4	8.6	8.8	9.2	8.1	8.3	8.5	8.7	9.1
x=12H y=6H	8.1	8.2	8.5	8.7	9.1	8.0	8.1	8.4	8.6	9.0
x=12H y=8H	8.0	8.1	8.5	8.6	9.1	7.9	8.1	8.4	8.5	9.0