

Luminaire

Code 90718L552

Name ROFY 60 SQ L0550W286 GCONTROL+ 840 HO

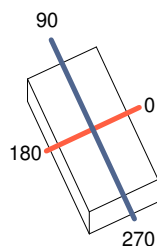
Measurem.

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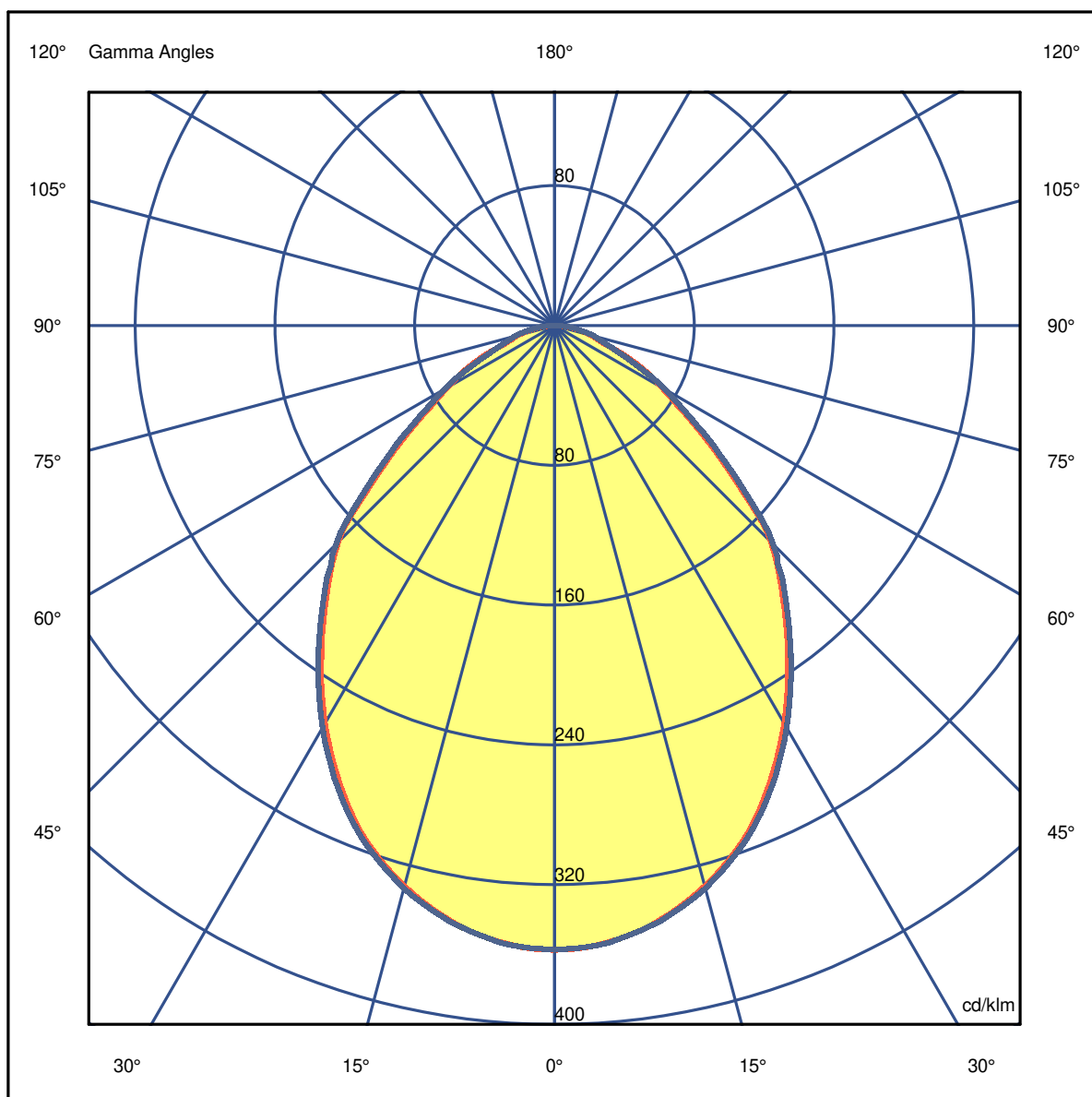
Luminaire Flux	2937 lm	Luminaire Power	24.9 W	Efficacy	118.159 lm/W	Efficiency	70.54%
Source Flux	4164 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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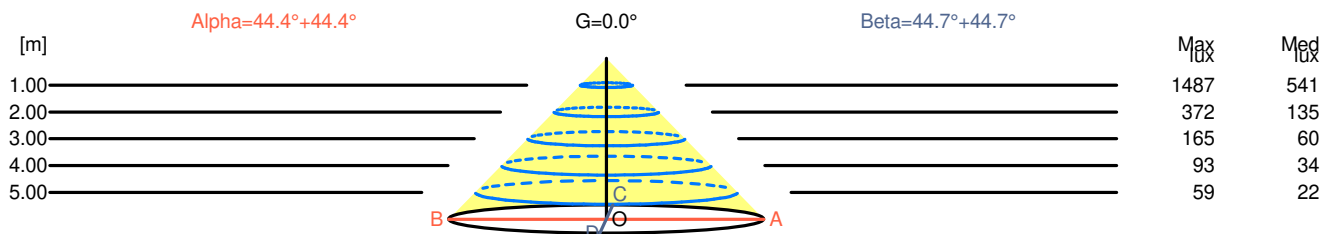
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Width at 50.00 % of Max Intensity

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	0.98	1.96	2.94	3.92	4.90	OC	0.99	1.98	2.97	3.96	4.95
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.96	4.95

	0	5	15	25	35	45	55	65	75	85
OA	1487.38	1475.31	1382.86	1209.23	969.38	729.53	400.99	213.61	92.86	24.57
OB	1487.38	1475.31	1382.86	1209.23	969.38	729.53	400.99	213.61	92.86	24.57
OC	1487.38	1476.14	1388.28	1219.22	982.70	736.61	414.32	201.54	98.69	27.90
OD	1487.38	1476.14	1388.28	1219.22	982.70	736.61	414.32	201.54	98.69	27.90



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	1487	541			
2.00	3.92	372	135			
3.00	5.88	165	60			
4.00	7.84	93	34			
5.00	9.80	59	22			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	1487	541			
2.00	3.96	372	135			
3.00	5.95	165	60			
4.00	7.93	93	34			
5.00	9.91	59	22			

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Source Flux	4164 lm	Maximum value	357.20 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	Lateral View					Viewed Endwise				
x=2H y=2H	16.4	17.5	16.7	17.7	18.0	16.8	17.9	17.1	18.2	18.4
x=2H y=3H	16.9	17.9	17.2	18.2	18.4	17.4	18.4	17.7	18.6	18.9
x=2H y=4H	17.1	18.0	17.4	18.3	18.6	17.6	18.6	17.9	18.8	19.1
x=2H y=6H	17.2	18.1	17.6	18.4	18.7	17.8	18.7	18.1	18.9	19.3
x=2H y=8H	17.2	18.1	17.6	18.4	18.7	17.8	18.7	18.1	19.0	19.3
x=2H y=12H	17.2	18.0	17.6	18.3	18.7	17.8	18.6	18.2	19.0	19.3
x=4H y=2H	16.5	17.5	16.8	17.7	18.0	16.9	17.9	17.2	18.1	18.4
x=4H y=3H	17.2	18.0	17.5	18.3	18.7	17.6	18.4	18.0	18.8	19.1
x=4H y=4H	17.5	18.2	17.8	18.5	18.9	17.9	18.6	18.3	19.0	19.3
x=4H y=6H	17.7	18.3	18.1	18.6	19.0	18.2	18.8	18.6	19.2	19.6
x=4H y=8H	17.7	18.3	18.1	18.7	19.1	18.3	18.8	18.7	19.2	19.7
x=4H y=12H	17.7	18.2	18.2	18.7	19.1	18.4	18.8	18.8	19.3	19.7
x=8H y=4H	17.5	18.1	17.9	18.5	18.9	18.0	18.5	18.4	18.9	19.3
x=8H y=6H	17.8	18.3	18.3	18.7	19.1	18.3	18.8	18.8	19.2	19.7
x=8H y=8H	17.9	18.3	18.4	18.7	19.2	18.5	18.9	18.9	19.3	19.8
x=8H y=12H	17.9	18.3	18.4	18.8	19.3	18.6	18.9	19.1	19.4	19.9
x=12H y=4H	17.5	18.0	18.0	18.4	18.8	18.0	18.5	18.4	18.9	19.3
x=12H y=6H	17.8	18.2	18.3	18.7	19.1	18.3	18.7	18.8	19.2	19.7
x=12H y=8H	17.9	18.3	18.4	18.7	19.2	18.5	18.8	19.0	19.3	19.8

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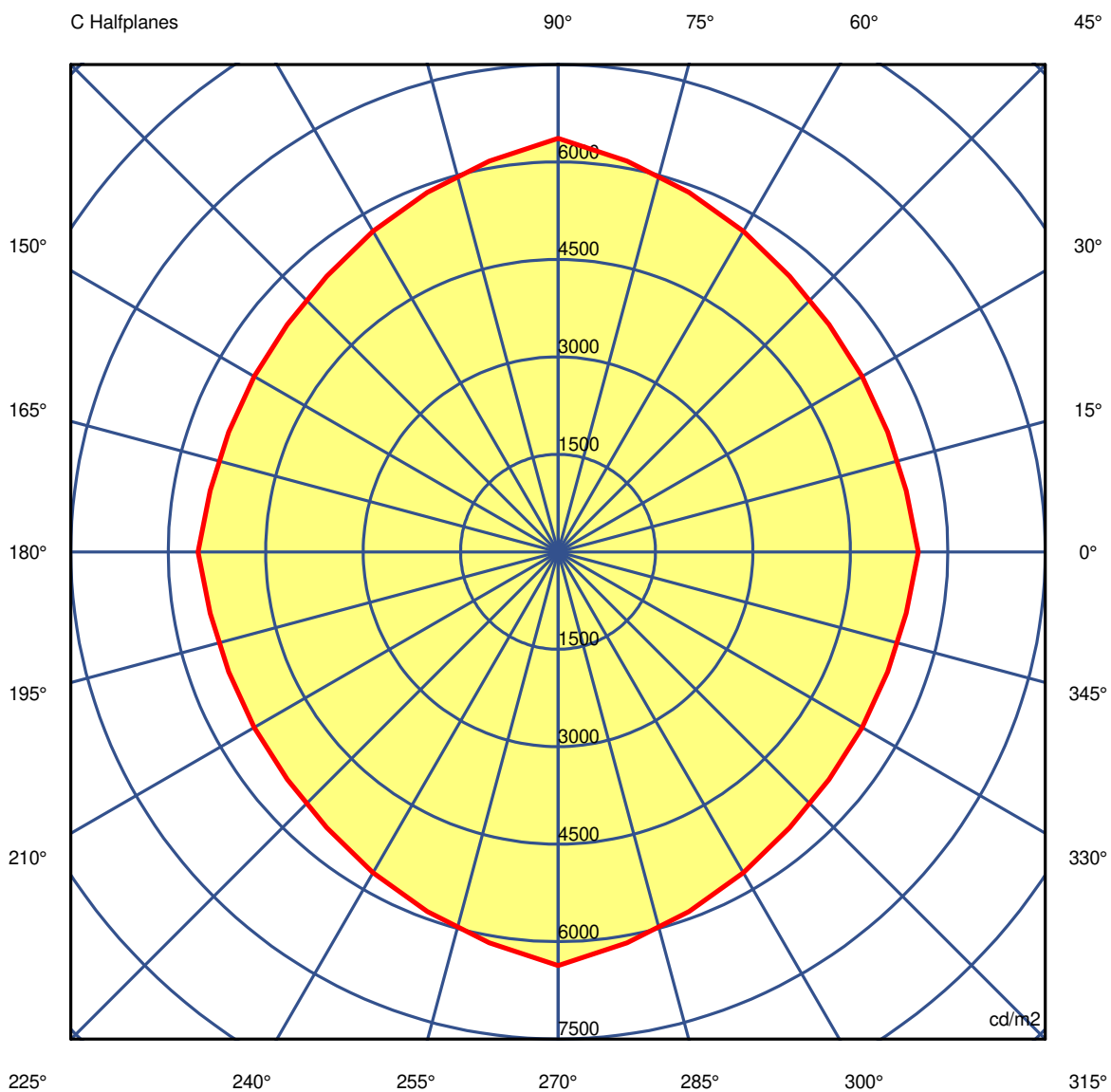
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Luminaire Flux	2937 lm	Luminaire Power	24.9 W	Efficacy	118.159 lm/W	Efficiency	70.54%
Source Flux	4164 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	2937 lm		Luminaire Power		24.9 W		Efficacy		118.159 lm/W		Efficiency		70.54%	
Source Flux	4164 lm		Maximum value		357.20 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2 Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	
G 5.0	10219	10196	10187	10189	10195	10212	10240	10274	10316	10365	10316	10274	10240	
G 10.0	9815	9778	9757	9754	9770	9805	9858	9926	10008	10101	10008	9926	9858	
G 15.0	9354	9301	9272	9266	9287	9337	9414	9517	9638	9775	9638	9517	9414	
G 20.0	8850	8776	8726	8707	8734	8798	8896	9038	9202	9379	9202	9038	8896	
G 25.0	8237	8147	8104	8105	8140	8211	8324	8482	8669	8878	8669	8482	8324	
G 30.0	7573	7470	7431	7451	7509	7595	7712	7863	8056	8291	8056	7863	7712	
G 35.0	6859	6775	6745	6770	6842	6944	7067	7213	7407	7650	7407	7213	7067	
G 40.0	6178	6100	6072	6091	6151	6246	6379	6551	6760	7007	6760	6551	6379	
G 45.0	5546	5441	5397	5406	5444	5541	5699	5889	6108	6368	6108	5889	5699	
G 50.0	4399	4389	4399	4365	4255	4365	4687	4889	5038	5231	5038	4889	4687	
G 55.0	3405	3630	3476	3012	2679	2679	3108	3880	4304	4169	4304	3880	3108	
G 60.0	2692	2731	2418	2000	2086	2168	2246	2799	3261	3356	3261	2799	2246	
G 65.0	2127	2043	1826	1524	1701	1779	1713	2082	2440	2517	2440	2082	1713	
G 70.0	1384	1505	1520	1408	1263	1304	1537	1734	1852	1924	1852	1734	1537	
G 75.0	1161	1176	1113	1028	1063	1110	1171	1349	1539	1692	1539	1349	1171	
G 80.0	780	813	833	849	891	949	1017	1099	1170	1229	1170	1099	1017	
G 85.0	430	484	527	540	521	563	676	760	797	801	797	760	676	
G 90.0	83	78	75	74	71	72	79	91	111	147	111	91	79	

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Source Flux	4164 lm		Maximum value		357.20 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2 Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550	
G 5.0	10212	10195	10189	10187	10196	10219	10196	10187	10189	10195	10212	10240	10274	
G 10.0	9805	9770	9754	9757	9778	9815	9778	9757	9754	9770	9805	9858	9926	
G 15.0	9337	9287	9266	9272	9301	9354	9301	9272	9266	9287	9337	9414	9517	
G 20.0	8798	8734	8707	8726	8776	8850	8776	8726	8707	8734	8798	8896	9038	
G 25.0	8211	8140	8105	8104	8147	8237	8147	8104	8105	8140	8211	8324	8482	
G 30.0	7595	7509	7451	7431	7470	7573	7470	7431	7451	7509	7595	7712	7863	
G 35.0	6944	6842	6770	6745	6775	6859	6775	6745	6770	6842	6944	7067	7213	
G 40.0	6246	6151	6091	6072	6100	6178	6100	6072	6091	6151	6246	6379	6551	
G 45.0	5541	5444	5406	5397	5441	5546	5441	5397	5406	5444	5541	5699	5889	
G 50.0	4365	4255	4365	4399	4389	4399	4389	4399	4365	4255	4365	4687	4889	
G 55.0	2679	2679	3012	3476	3630	3405	3630	3476	3012	2679	2679	3108	3880	
G 60.0	2168	2086	2000	2418	2731	2692	2731	2418	2000	2086	2168	2246	2799	
G 65.0	1779	1701	1524	1826	2043	2127	2043	1826	1524	1701	1779	1713	2082	
G 70.0	1304	1263	1408	1520	1505	1384	1505	1520	1408	1263	1304	1537	1734	
G 75.0	1110	1063	1028	1113	1176	1161	1176	1113	1028	1063	1110	1171	1349	
G 80.0	949	891	849	833	813	780	813	833	849	891	949	1017	1099	
G 85.0	563	521	540	527	484	430	484	527	540	521	563	676	760	
G 90.0	72	71	74	75	78	83	78	75	74	71	72	79	91	

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Source Flux	4164 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	10550	10550	10550	10550	10550	10550	10550	10550	10550	10550
G 5.0	10316	10365	10316	10274	10240	10212	10195	10189	10187	10196
G 10.0	10008	10101	10008	9926	9858	9805	9770	9754	9757	9778
G 15.0	9638	9775	9638	9517	9414	9337	9287	9266	9272	9301
G 20.0	9202	9379	9202	9038	8896	8798	8734	8707	8726	8776
G 25.0	8669	8878	8669	8482	8324	8211	8140	8105	8104	8147
G 30.0	8056	8291	8056	7863	7712	7595	7509	7451	7431	7470
G 35.0	7407	7650	7407	7213	7067	6944	6842	6770	6745	6775
G 40.0	6760	7007	6760	6551	6379	6246	6151	6091	6072	6100
G 45.0	6108	6368	6108	5889	5699	5541	5444	5406	5397	5441
G 50.0	5038	5231	5038	4889	4687	4365	4255	4365	4399	4389
G 55.0	4304	4169	4304	3880	3108	2679	2679	3012	3476	3630
G 60.0	3261	3356	3261	2799	2246	2168	2086	2000	2418	2731
G 65.0	2440	2517	2440	2082	1713	1779	1701	1524	1826	2043
G 70.0	1852	1924	1852	1734	1537	1304	1263	1408	1520	1505
G 75.0	1539	1692	1539	1349	1171	1110	1063	1028	1113	1176
G 80.0	1170	1229	1170	1099	1017	949	891	849	833	813
G 85.0	797	801	797	760	676	563	521	540	527	484
G 90.0	111	147	111	91	79	72	71	74	75	78