

Luminaire

Code 90631L115
Name ROFY 85 /E D1150 GCONTROL+ K3 840 LO

Measurem.

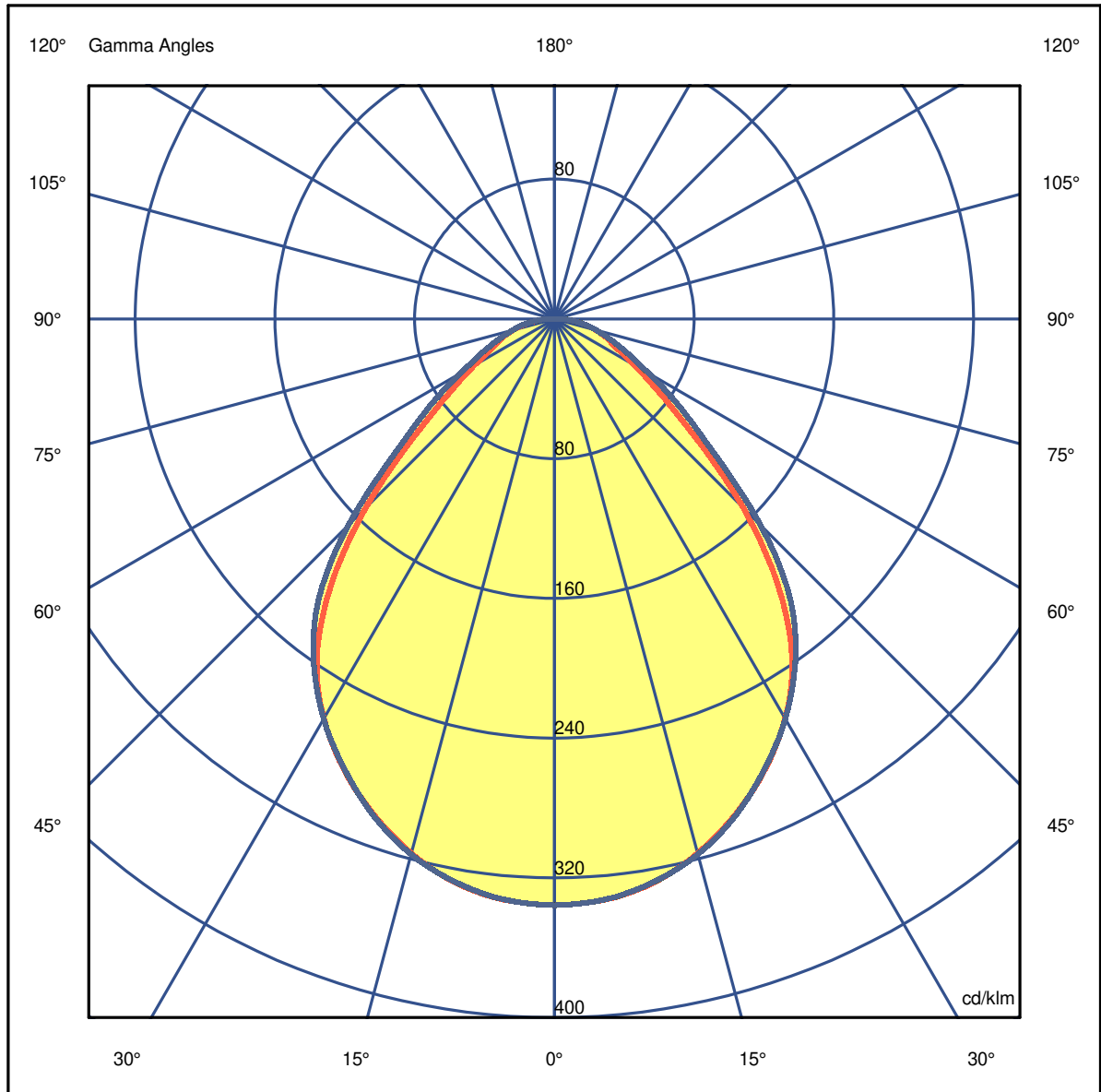
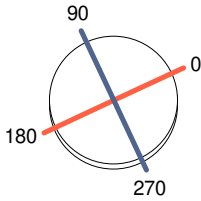
Code 4/8/2023
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Luminaire Flux	11465 lm	Luminaire Power	89.2 W	Efficacy	128.474 lm/W	Efficiency	67.76%
Source Flux	16920 lm	Maximum value	335.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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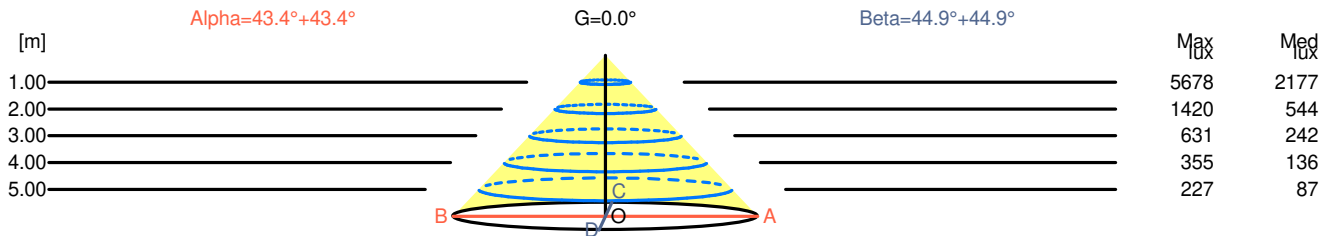
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Width at 50.00 % of Max Intensity

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	0.95	1.89	2.84	3.79	4.73	OC	1.00	1.99	2.99	3.99	4.98
OB	0.95	1.89	2.84	3.79	4.73	OD	1.00	1.99	2.99	3.99	4.98

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5678.35	5646.20	5358.56	4820.51	4013.42	2581.99	1240.24	663.26	416.23	162.43
OB	5678.35	5646.20	5358.56	4820.51	4013.42	2581.99	1240.24	663.26	416.23	162.43
OC	5678.35	5644.51	5368.72	4813.74	4065.88	2823.95	1478.81	773.24	419.62	165.82
OD	5678.35	5644.51	5368.72	4813.74	4065.88	2823.95	1478.81	773.24	419.62	165.82



H[m]	D[m]	Max lux	Med lux	Alpha=43.4°+43.4°	G=0.0	
1.00	1.89	5678	2177			
2.00	3.79	1420	544			
3.00	5.68	631	242			
4.00	7.57	355	136			
5.00	9.47	227	87			

H[m]	D[m]	Max lux	Med lux	Beta=44.9°+44.9°	G=0.0	
1.00	1.99	5678	2177			
2.00	3.99	1420	544			
3.00	5.98	631	242			
4.00	7.97	355	136			
5.00	9.97	227	87			

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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	Lateral View					Viewed Endwise				
x=2H y=2H	14.3	15.4	14.6	15.7	15.9	15.0	16.1	15.2	16.3	16.5
x=2H y=3H	15.0	16.0	15.3	16.2	16.5	15.6	16.6	15.9	16.9	17.2
x=2H y=4H	15.4	16.3	15.7	16.6	16.9	15.9	16.9	16.3	17.2	17.4
x=2H y=6H	15.7	16.6	16.1	16.9	17.2	16.2	17.1	16.6	17.4	17.7
x=2H y=8H	15.8	16.7	16.2	17.0	17.3	16.3	17.2	16.7	17.5	17.8
x=2H y=12H	15.9	16.7	16.3	17.0	17.4	16.4	17.2	16.8	17.5	17.9
x=4H y=2H	14.7	15.6	15.0	15.9	16.1	15.2	16.1	15.5	16.4	16.7
x=4H y=3H	15.5	16.3	15.9	16.6	17.0	16.1	16.9	16.4	17.2	17.5
x=4H y=4H	16.0	16.8	16.4	17.1	17.5	16.5	17.2	16.9	17.6	18.0
x=4H y=6H	16.5	17.1	16.9	17.5	17.9	17.0	17.6	17.4	18.0	18.3
x=4H y=8H	16.7	17.3	17.2	17.7	18.1	17.1	17.7	17.6	18.1	18.5
x=4H y=12H	16.9	17.4	17.3	17.8	18.2	17.3	17.8	17.7	18.2	18.6
x=8H y=4H	16.2	16.8	16.7	17.2	17.6	16.7	17.3	17.1	17.7	18.1
x=8H y=6H	16.9	17.3	17.3	17.8	18.2	17.3	17.7	17.7	18.2	18.6
x=8H y=8H	17.2	17.6	17.6	18.0	18.5	17.5	17.9	18.0	18.4	18.8
x=8H y=12H	17.4	17.7	17.9	18.2	18.7	17.7	18.1	18.2	18.5	19.0
x=12H y=4H	16.3	16.8	16.7	17.2	17.6	16.7	17.2	17.2	17.6	18.1
x=12H y=6H	16.9	17.4	17.4	17.8	18.3	17.3	17.7	17.8	18.2	18.6
x=12H y=8H	17.3	17.6	17.7	18.1	18.6	17.6	17.9	18.1	18.4	18.9

Luminaire

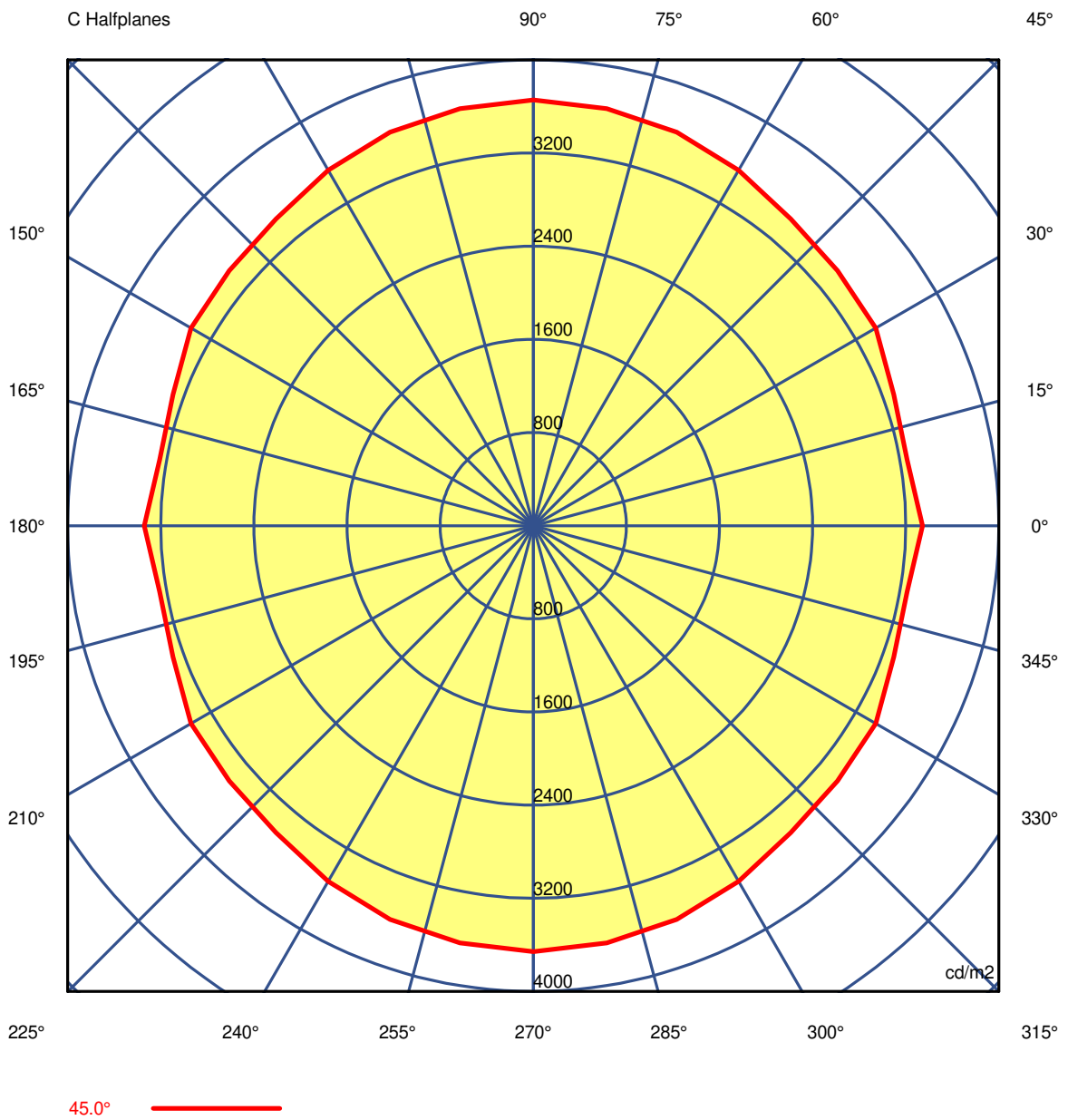
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Source Flux	16920 lm	Maximum value	335.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	16920 lm	Maximum value	335.60 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	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743
G 5.0	5681	5683	5684	5682	5681	5680	5679	5679	5679	5679	5679	5679	5679
G 10.0	5590	5597	5598	5595	5596	5597	5595	5593	5590	5585	5590	5593	5595
G 15.0	5458	5462	5469	5477	5481	5483	5481	5473	5470	5469	5470	5473	5481
G 20.0	5302	5303	5307	5316	5326	5328	5323	5319	5316	5311	5316	5319	5323
G 25.0	5130	5133	5132	5128	5126	5126	5126	5126	5125	5123	5125	5126	5126
G 30.0	4922	4932	4932	4922	4911	4905	4905	4912	4920	4926	4920	4912	4905
G 35.0	4618	4620	4628	4643	4651	4656	4661	4663	4668	4678	4668	4663	4661
G 40.0	4087	4097	4119	4153	4189	4236	4281	4296	4304	4320	4304	4296	4281
G 45.0	3344	3261	3296	3397	3410	3440	3526	3598	3639	3657	3639	3598	3526
G 50.0	2493	2493	2502	2557	2670	2731	2763	2882	2915	2810	2915	2882	2763
G 55.0	1903	1938	1958	1989	2076	2171	2243	2297	2305	2269	2305	2297	2243
G 60.0	1536	1550	1584	1635	1640	1706	1809	1799	1789	1803	1789	1799	1809
G 65.0	1297	1275	1341	1436	1425	1420	1462	1486	1498	1512	1498	1486	1462
G 70.0	1240	1203	1206	1244	1274	1286	1291	1291	1297	1318	1297	1291	1291
G 75.0	1170	1190	1164	1118	1128	1181	1223	1209	1185	1180	1185	1209	1223
G 80.0	1065	1072	1082	1089	1085	1084	1089	1091	1086	1077	1086	1091	1089
G 85.0	859	826	836	877	898	883	850	838	850	877	850	838	850
G 90.0	705	611	596	623	588	579	590	531	512	574	512	531	590

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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	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743
G 5.0	5680	5681	5682	5684	5683	5681	5683	5684	5682	5681	5680	5679	5679
G 10.0	5597	5596	5595	5598	5597	5590	5597	5598	5595	5596	5597	5595	5593
G 15.0	5483	5481	5477	5469	5462	5458	5462	5469	5477	5481	5483	5481	5473
G 20.0	5328	5326	5316	5307	5303	5302	5303	5307	5316	5326	5328	5323	5319
G 25.0	5126	5126	5128	5132	5133	5130	5133	5132	5128	5126	5126	5126	5126
G 30.0	4905	4911	4922	4932	4932	4922	4932	4932	4922	4911	4905	4905	4912
G 35.0	4656	4651	4643	4628	4620	4618	4620	4628	4643	4651	4656	4661	4663
G 40.0	4236	4189	4153	4119	4097	4087	4097	4119	4153	4189	4236	4281	4296
G 45.0	3440	3410	3397	3296	3261	3344	3261	3296	3397	3410	3440	3526	3598
G 50.0	2731	2670	2557	2502	2493	2493	2493	2502	2557	2670	2731	2763	2882
G 55.0	2171	2076	1989	1958	1938	1903	1938	1958	1989	2076	2171	2243	2297
G 60.0	1706	1640	1635	1584	1550	1536	1550	1584	1635	1640	1706	1809	1799
G 65.0	1420	1425	1436	1341	1275	1297	1275	1341	1436	1425	1420	1462	1486
G 70.0	1286	1274	1244	1206	1203	1240	1203	1206	1244	1274	1286	1291	1291
G 75.0	1181	1128	1118	1164	1190	1170	1190	1164	1118	1128	1181	1223	1209
G 80.0	1084	1085	1089	1082	1072	1065	1072	1082	1089	1085	1084	1089	1091
G 85.0	883	898	877	836	826	859	826	836	877	898	883	850	838
G 90.0	579	588	623	596	611	705	611	596	623	588	579	590	531

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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	5743	5743	5743	5743	5743	5743	5743	5743	5743	5743
G 5.0	5679	5679	5679	5679	5679	5680	5681	5682	5684	5683
G 10.0	5590	5585	5590	5593	5595	5597	5596	5595	5598	5597
G 15.0	5470	5469	5470	5473	5481	5483	5481	5477	5469	5462
G 20.0	5316	5311	5316	5319	5323	5328	5326	5316	5307	5303
G 25.0	5125	5123	5125	5126	5126	5126	5126	5128	5132	5133
G 30.0	4920	4926	4920	4912	4905	4905	4911	4922	4932	4932
G 35.0	4668	4678	4668	4663	4661	4656	4651	4643	4628	4620
G 40.0	4304	4320	4304	4296	4281	4236	4189	4153	4119	4097
G 45.0	3639	3657	3639	3598	3526	3440	3410	3397	3296	3261
G 50.0	2915	2810	2915	2882	2763	2731	2670	2557	2502	2493
G 55.0	2305	2269	2305	2297	2243	2171	2076	1989	1958	1938
G 60.0	1789	1803	1789	1799	1809	1706	1640	1635	1584	1550
G 65.0	1498	1512	1498	1486	1462	1420	1425	1436	1341	1275
G 70.0	1297	1318	1297	1291	1291	1286	1274	1244	1206	1203
G 75.0	1185	1180	1185	1209	1223	1181	1128	1118	1164	1190
G 80.0	1086	1077	1086	1091	1089	1084	1085	1089	1082	1072
G 85.0	850	877	850	838	850	883	898	877	836	826
G 90.0	512	574	512	531	590	579	588	623	596	611