

Luminaire

Code 90622L115
Name ROFY 85 /E D1150 GCONTROL+ K3 840 HO

Measurem.

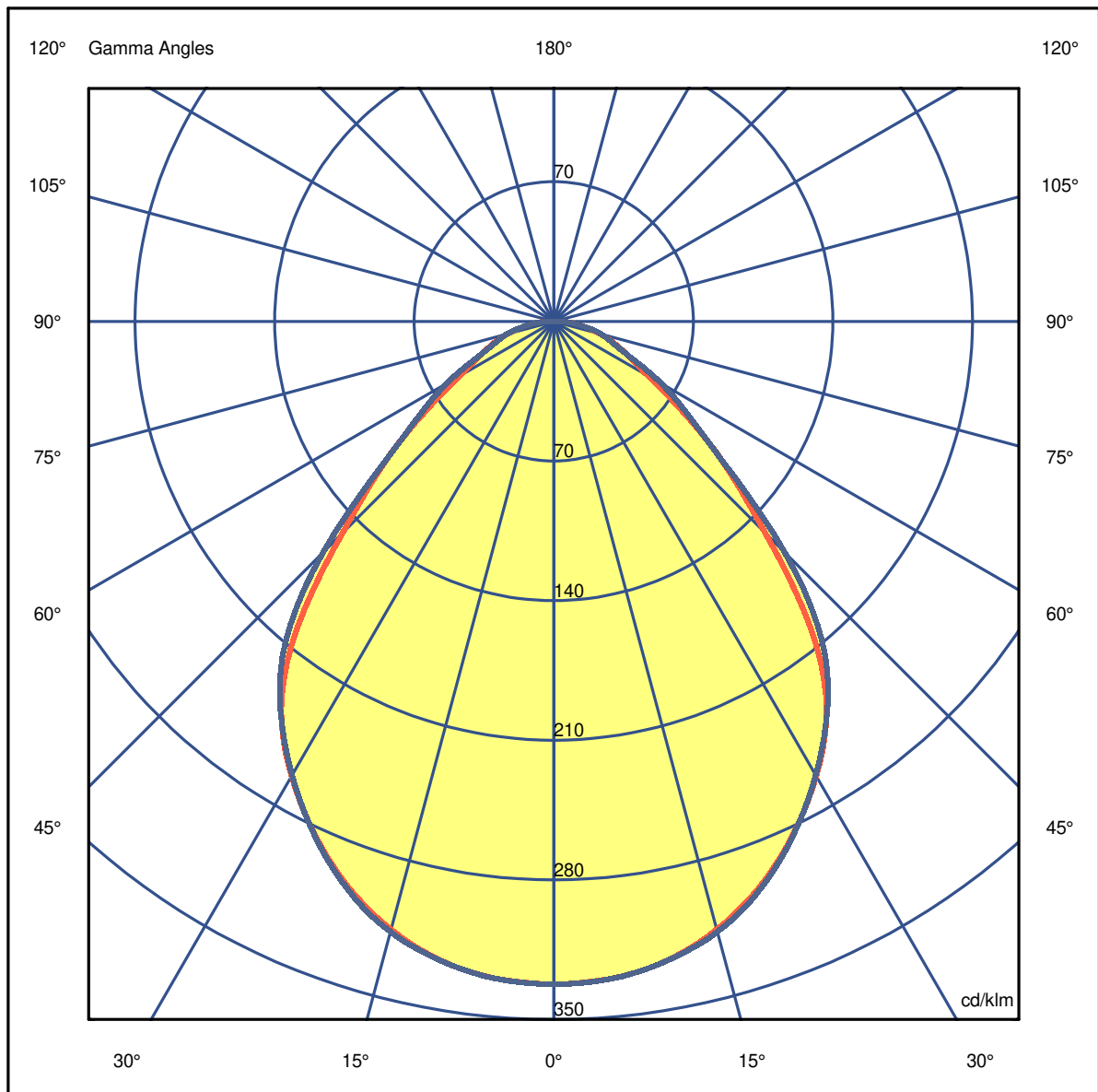
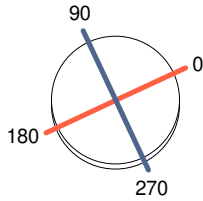
Code 25/7/2023
Name ROFY 85 /E D1150 GCONTROL+ K3 840 HO

Luminaire Flux	13491 lm	Luminaire Power	106.6 W	Efficacy	126.543 lm/W	Efficiency	67.31%
Source Flux	20044 lm	Maximum value	332.30 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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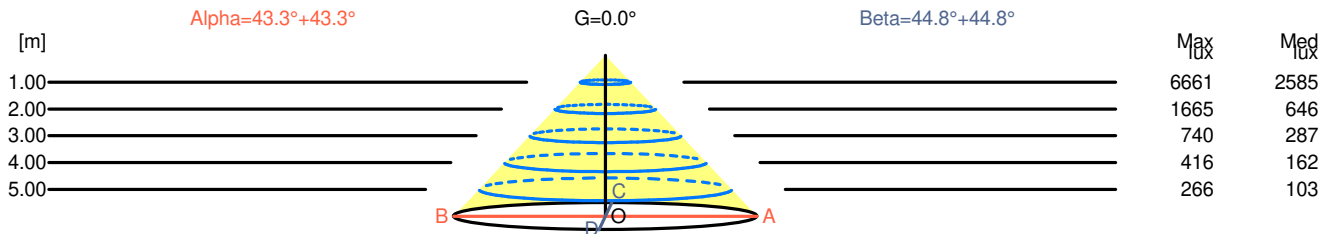
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Width at 50.00 % of Max Intensity

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	0.94	1.89	2.83	3.77	4.72	OC	0.99	1.98	2.98	3.97	4.96
OB	0.94	1.89	2.83	3.77	4.72	OD	0.99	1.98	2.98	3.97	4.96

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6660.62	6628.55	6325.89	5688.49	4778.49	3002.59	1585.48	831.83	481.06	180.40
OB	6660.62	6628.55	6325.89	5688.49	4778.49	3002.59	1585.48	831.83	481.06	180.40
OC	6660.62	6630.56	6349.94	5696.50	4790.52	3281.20	1657.64	847.86	493.08	176.39
OD	6660.62	6630.56	6349.94	5696.50	4790.52	3281.20	1657.64	847.86	493.08	176.39



H[m]	D[m]	Max lux	Med lux	Alpha=43.3°+43.3°	G=0.0
1.00	1.89	6661	2585		
2.00	3.77	1665	646		
3.00	5.66	740	287		
4.00	7.55	416	162		
5.00	9.43	266	103		

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0
1.00	1.98	6661	2585		
2.00	3.97	1665	646		
3.00	5.95	740	287		
4.00	7.93	416	162		
5.00	9.92	266	103		

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Source Flux	20044 lm	Maximum value	332.30 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	15.1	16.2	15.4	16.5	16.7	15.3	16.4	15.6	16.7	16.9
x=2H y=3H	15.8	16.8	16.1	17.1	17.3	16.0	17.0	16.3	17.2	17.5
x=2H y=4H	16.1	17.1	16.5	17.3	17.6	16.3	17.2	16.6	17.5	17.8
x=2H y=6H	16.4	17.3	16.8	17.6	17.9	16.6	17.5	16.9	17.8	18.1
x=2H y=8H	16.5	17.4	16.9	17.7	18.0	16.7	17.5	17.0	17.8	18.1
x=2H y=12H	16.6	17.4	17.0	17.7	18.1	16.7	17.6	17.1	17.9	18.2
x=4H y=2H	15.4	16.4	15.7	16.6	16.9	15.6	16.5	15.9	16.8	17.1
x=4H y=3H	16.3	17.1	16.6	17.4	17.7	16.4	17.2	16.8	17.6	17.9
x=4H y=4H	16.7	17.4	17.1	17.8	18.1	16.9	17.6	17.3	17.9	18.3
x=4H y=6H	17.2	17.8	17.6	18.2	18.6	17.3	17.9	17.7	18.3	18.7
x=4H y=8H	17.3	17.9	17.8	18.3	18.7	17.5	18.0	17.9	18.4	18.8
x=4H y=12H	17.5	18.0	17.9	18.4	18.8	17.6	18.1	18.0	18.5	18.9
x=8H y=4H	16.9	17.5	17.3	17.9	18.3	17.1	17.6	17.5	18.0	18.4
x=8H y=6H	17.5	17.9	17.9	18.4	18.8	17.6	18.1	18.1	18.5	18.9
x=8H y=8H	17.7	18.1	18.2	18.6	19.0	17.8	18.2	18.3	18.7	19.1
x=8H y=12H	17.9	18.3	18.4	18.7	19.3	18.0	18.4	18.5	18.8	19.3
x=12H y=4H	16.9	17.4	17.4	17.8	18.3	17.1	17.6	17.5	18.0	18.4
x=12H y=6H	17.5	17.9	18.0	18.4	18.8	17.6	18.1	18.1	18.5	19.0
x=12H y=8H	17.8	18.2	18.3	18.6	19.1	17.9	18.3	18.4	18.7	19.2

Luminaire

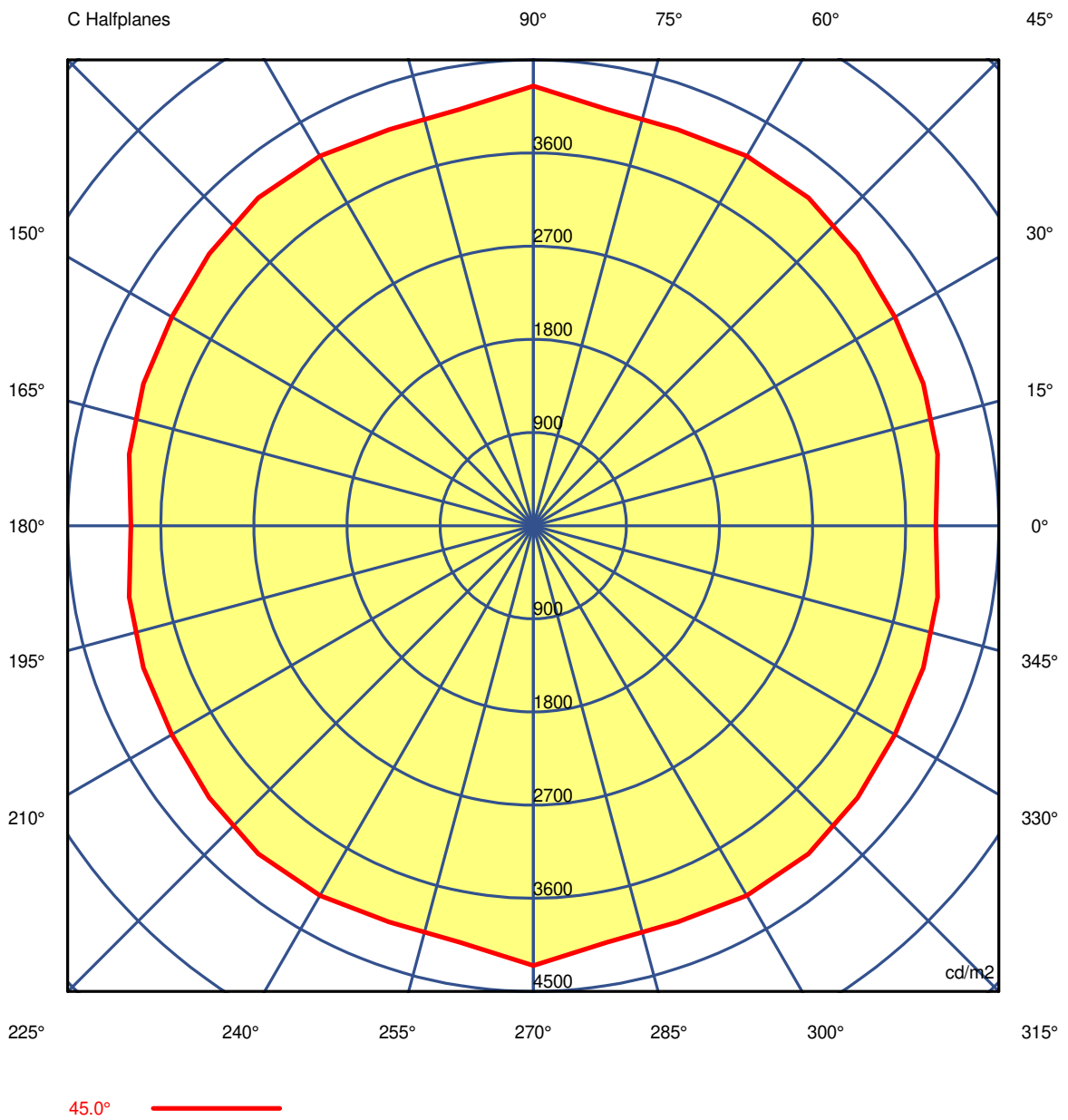
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Source Flux	20044 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	20044 lm	Maximum value	332.30 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	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737
G 5.0	6669	6673	6672	6669	6672	6672	6669	6668	6669	6671	6669	6668	6669
G 10.0	6577	6580	6577	6571	6571	6570	6569	6576	6579	6579	6579	6576	6569
G 15.0	6443	6447	6441	6429	6425	6426	6431	6444	6458	6468	6458	6444	6431
G 20.0	6270	6270	6267	6258	6253	6251	6256	6272	6287	6293	6287	6272	6256
G 25.0	6053	6049	6052	6060	6060	6060	6060	6063	6064	6062	6064	6063	6060
G 30.0	5811	5808	5811	5818	5826	5835	5840	5833	5818	5798	5818	5833	5840
G 35.0	5498	5498	5492	5484	5499	5518	5528	5535	5530	5512	5530	5535	5528
G 40.0	4869	4951	4956	4922	4958	4983	4971	4984	5029	5095	5029	4984	4971
G 45.0	3889	3968	4010	4034	4089	4136	4125	4075	4087	4250	4087	4075	4125
G 50.0	3147	3054	3076	3170	3179	3188	3223	3267	3252	3172	3252	3267	3223
G 55.0	2433	2439	2473	2494	2443	2430	2494	2561	2577	2544	2577	2561	2494
G 60.0	1871	1971	1993	1961	1970	2019	2046	2006	2023	2136	2023	2006	2046
G 65.0	1627	1617	1615	1623	1640	1648	1662	1708	1713	1658	1713	1708	1662
G 70.0	1492	1478	1458	1446	1462	1470	1460	1456	1453	1446	1453	1456	1460
G 75.0	1353	1319	1318	1341	1352	1351	1347	1348	1362	1387	1362	1348	1347
G 80.0	1181	1217	1221	1195	1178	1191	1217	1218	1199	1173	1199	1218	1217
G 85.0	954	966	958	933	909	898	901	916	928	933	928	916	901
G 90.0	680	582	574	602	544	537	583	544	528	583	528	544	583

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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	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737
G 5.0	6672	6672	6669	6672	6673	6669	6673	6672	6669	6672	6672	6669	6668
G 10.0	6570	6571	6571	6577	6580	6577	6580	6577	6571	6570	6570	6569	6576
G 15.0	6426	6425	6429	6441	6447	6443	6447	6441	6429	6425	6426	6431	6444
G 20.0	6251	6253	6258	6267	6270	6270	6270	6267	6258	6253	6251	6256	6272
G 25.0	6060	6060	6060	6052	6049	6053	6049	6052	6060	6060	6060	6060	6063
G 30.0	5835	5826	5818	5811	5808	5811	5808	5811	5818	5826	5835	5840	5833
G 35.0	5518	5499	5484	5492	5498	5498	5498	5492	5484	5499	5518	5528	5535
G 40.0	4983	4958	4922	4956	4951	4869	4951	4956	4922	4958	4983	4971	4984
G 45.0	4136	4089	4034	4010	3968	3889	3968	4010	4034	4089	4136	4125	4075
G 50.0	3188	3179	3170	3076	3054	3147	3054	3076	3170	3179	3188	3223	3267
G 55.0	2430	2443	2494	2473	2439	2433	2439	2473	2494	2443	2430	2494	2561
G 60.0	2019	1970	1961	1993	1971	1871	1971	1993	1961	1970	2019	2046	2006
G 65.0	1648	1640	1623	1615	1617	1627	1617	1615	1623	1640	1648	1662	1708
G 70.0	1470	1462	1446	1458	1478	1492	1478	1458	1446	1462	1470	1460	1456
G 75.0	1351	1352	1341	1318	1319	1353	1319	1318	1341	1352	1351	1347	1348
G 80.0	1191	1178	1195	1221	1217	1181	1217	1221	1195	1178	1191	1217	1218
G 85.0	898	909	933	958	966	954	966	958	933	909	898	901	916
G 90.0	537	544	602	574	582	680	582	574	602	544	537	583	544

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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	6737	6737	6737	6737	6737	6737	6737	6737	6737	6737
G 5.0	6669	6671	6669	6668	6669	6672	6672	6669	6672	6673
G 10.0	6579	6579	6579	6576	6569	6570	6571	6571	6577	6580
G 15.0	6458	6468	6458	6444	6431	6426	6425	6429	6441	6447
G 20.0	6287	6293	6287	6272	6256	6251	6253	6258	6267	6270
G 25.0	6064	6062	6064	6063	6060	6060	6060	6060	6052	6049
G 30.0	5818	5798	5818	5833	5840	5835	5826	5818	5811	5808
G 35.0	5530	5512	5530	5535	5528	5518	5499	5484	5492	5498
G 40.0	5029	5095	5029	4984	4971	4983	4958	4922	4956	4951
G 45.0	4087	4250	4087	4075	4125	4136	4089	4034	4010	3968
G 50.0	3252	3172	3252	3267	3223	3188	3179	3170	3076	3054
G 55.0	2577	2544	2577	2561	2494	2430	2443	2494	2473	2439
G 60.0	2023	2136	2023	2006	2046	2019	1970	1961	1993	1971
G 65.0	1713	1658	1713	1708	1662	1648	1640	1623	1615	1617
G 70.0	1453	1446	1453	1456	1460	1470	1462	1446	1458	1478
G 75.0	1362	1387	1362	1348	1347	1351	1352	1341	1318	1319
G 80.0	1199	1173	1199	1218	1217	1191	1178	1195	1221	1217
G 85.0	928	933	928	916	901	898	909	933	958	966
G 90.0	528	583	528	544	583	537	544	602	574	582