

**Luminaire**

Code 90591L400

Name ROFY 60 /T D/I D0400 GCONTROL+ 840 HO

**Measurem.**

Code 26/7/2023

Name ROFY 60 /T D/I D0400 GCONTROL+ 840 HO

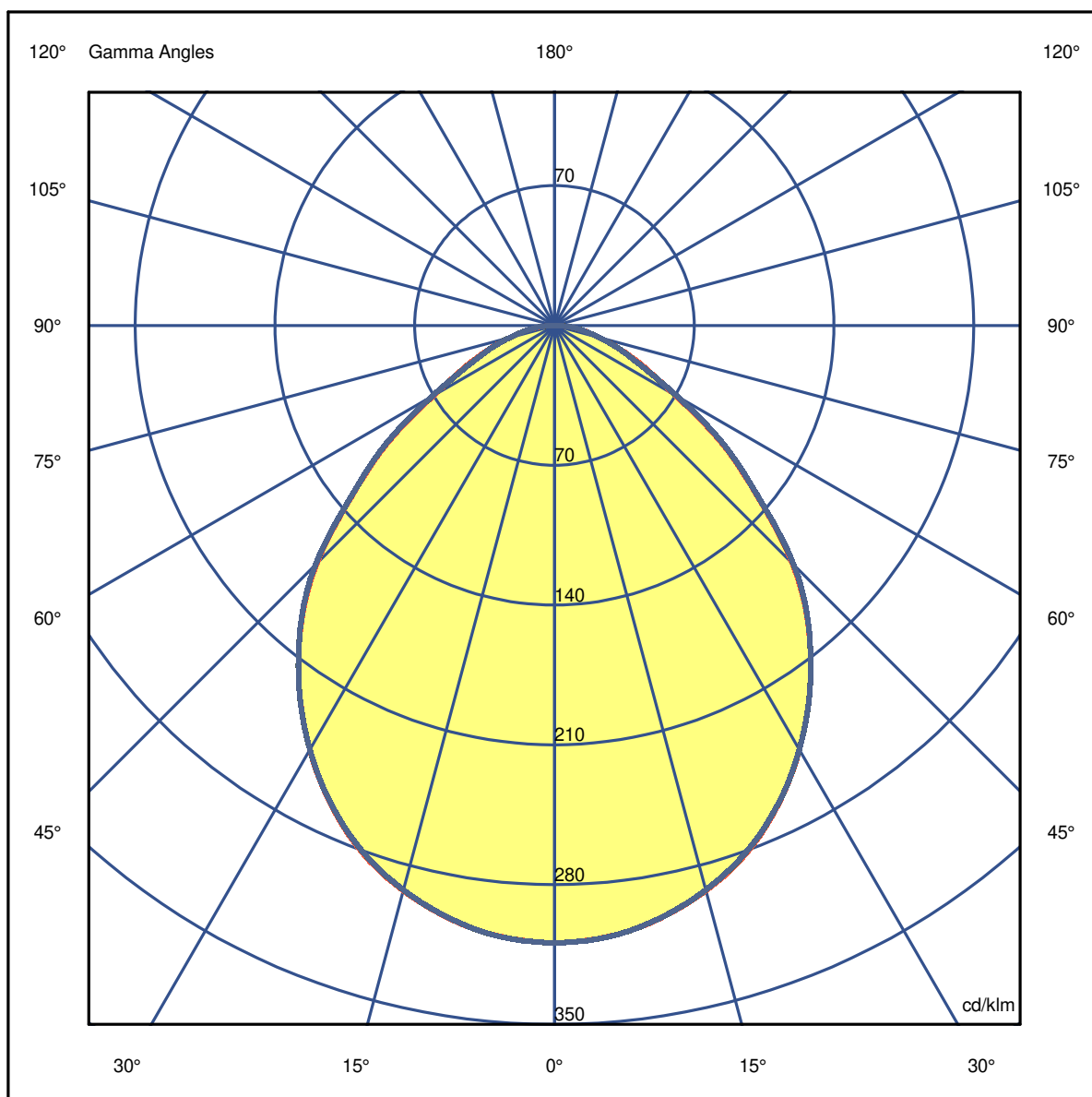
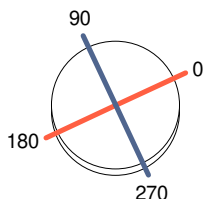
Luminaire Flux	3685 lm	Luminaire Power	31.7 W	Efficacy	116.104 lm/W	Efficiency	66.03%
Source Flux	5581 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=518mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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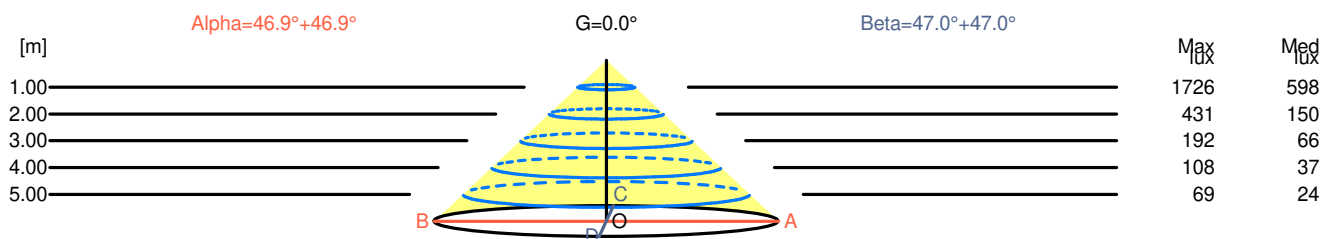
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Width at 50.00 % of Max Intensity

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	1.07	2.14	3.21	4.28	5.35	OC	1.07	2.15	3.22	4.30	5.37
OB	1.07	2.14	3.21	4.28	5.35	OD	1.07	2.15	3.22	4.30	5.37

	0	5	15	25	35	45	55	65	75	85
OA	1725.65	1714.48	1634.67	1478.41	1244.00	940.96	569.26	278.49	130.04	41.30
OB	1725.65	1714.48	1634.67	1478.41	1244.00	940.96	569.26	278.49	130.04	41.30
OC	1725.65	1715.04	1633.00	1476.73	1244.00	945.42	575.40	271.24	130.04	41.86
OD	1725.65	1715.04	1633.00	1476.73	1244.00	945.42	575.40	271.24	130.04	41.86



H[m]	D[m]	Max lux	Med lux	Alpha=46.9°+46.9°	G=0.0	
1.00	2.14	1726	598			
2.00	4.28	431	150			
3.00	6.42	192	66			
4.00	8.56	108	37			
5.00	10.70	69	24			

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0	
1.00	2.15	1726	598			
2.00	4.30	431	150			
3.00	6.44	192	66			
4.00	8.59	108	37			
5.00	10.74	69	24			

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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	16.1	17.3	16.4	17.5	17.7	16.2	17.3	16.5	17.5	17.8
x=2H y=3H	16.7	17.7	17.0	17.9	18.2	16.7	17.7	17.0	18.0	18.2
x=2H y=4H	16.8	17.8	17.2	18.1	18.4	16.9	17.8	17.2	18.1	18.4
x=2H y=6H	16.9	17.8	17.3	18.1	18.5	17.0	17.9	17.3	18.2	18.5
x=2H y=8H	17.0	17.8	17.3	18.1	18.4	17.0	17.9	17.4	18.2	18.5
x=2H y=12H	17.0	17.8	17.3	18.1	18.5	17.0	17.8	17.4	18.2	18.5
x=4H y=2H	16.3	17.3	16.7	17.6	17.9	16.4	17.3	16.7	17.6	17.9
x=4H y=3H	17.0	17.8	17.3	18.1	18.4	17.0	17.8	17.3	18.1	18.5
x=4H y=4H	17.2	18.0	17.6	18.3	18.7	17.3	18.0	17.6	18.3	18.7
x=4H y=6H	17.4	18.1	17.9	18.4	18.8	17.5	18.1	17.9	18.5	18.9
x=4H y=8H	17.5	18.1	17.9	18.5	18.9	17.5	18.1	18.0	18.5	18.9
x=4H y=12H	17.5	18.1	18.0	18.5	18.9	17.6	18.1	18.0	18.5	18.9
x=8H y=4H	17.3	17.9	17.7	18.3	18.7	17.3	17.9	17.8	18.3	18.7
x=8H y=6H	17.6	18.1	18.0	18.5	18.9	17.6	18.1	18.1	18.5	19.0
x=8H y=8H	17.7	18.1	18.2	18.6	19.0	17.8	18.2	18.2	18.6	19.1
x=8H y=12H	17.7	18.1	18.2	18.6	19.1	17.8	18.1	18.3	18.6	19.1
x=12H y=4H	17.3	17.8	17.8	18.2	18.7	17.3	17.8	17.8	18.3	18.7
x=12H y=6H	17.6	18.0	18.1	18.5	18.9	17.7	18.1	18.1	18.5	19.0
x=12H y=8H	17.7	18.1	18.2	18.6	19.0	17.8	18.1	18.2	18.6	19.1

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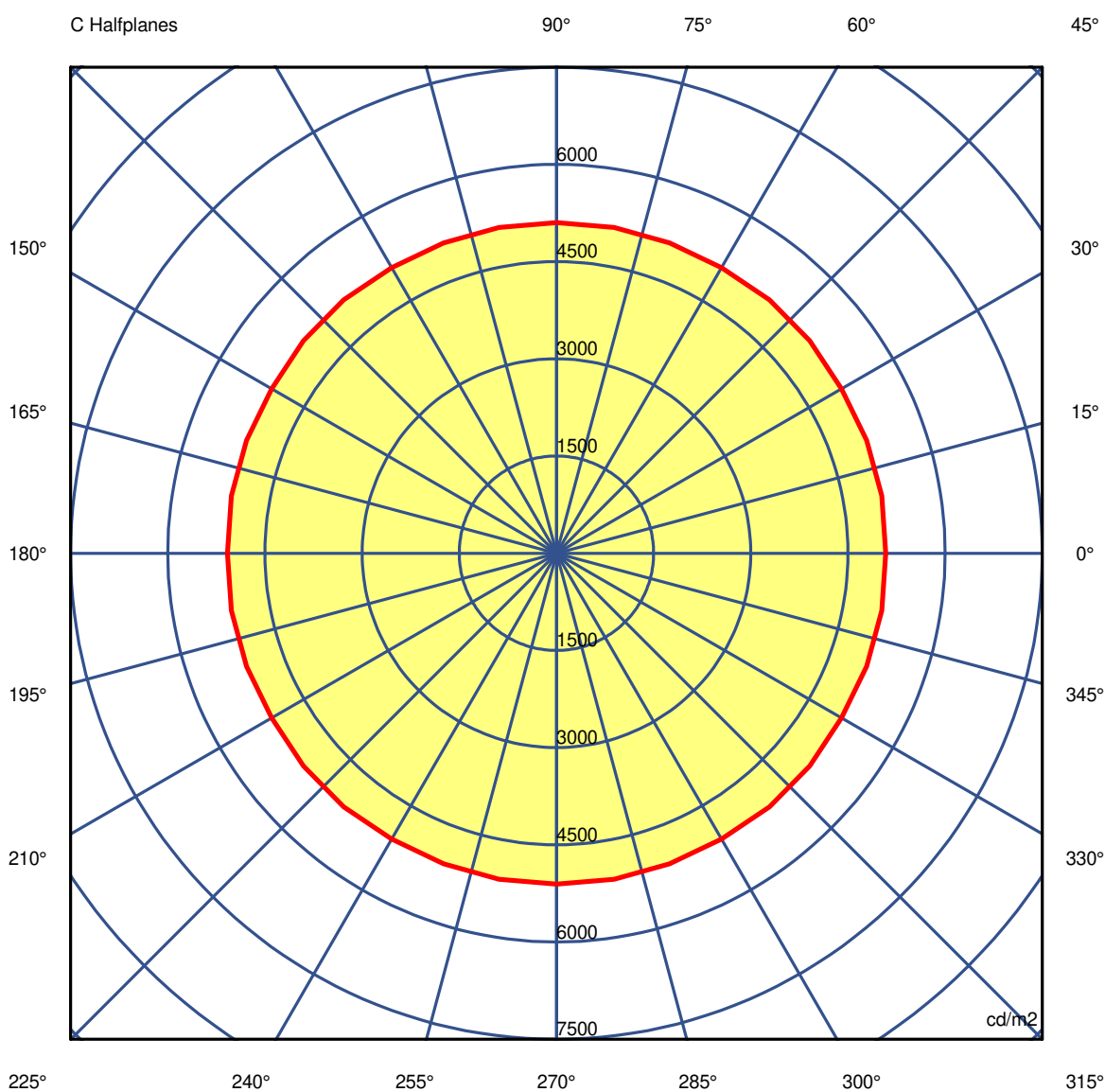
**Measurem.**

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Luminaire Flux	3685 lm	Luminaire Power	31.7 W	Efficacy	116.104 lm/W	Efficiency	66.03%
Source Flux	5581 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	5581 lm		Maximum value		309.20 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	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	
G 5.0	8517	8517	8517	8517	8517	8518	8519	8517	8517	8519	8517	8517	8519	
G 10.0	8221	8221	8220	8219	8219	8219	8219	8219	8219	8219	8219	8219	8219	
G 15.0	7912	7911	7907	7901	7899	7898	7898	7900	7902	7904	7902	7900	7898	
G 20.0	7582	7578	7569	7558	7549	7547	7552	7560	7566	7569	7566	7560	7552	
G 25.0	7189	7188	7185	7179	7171	7167	7170	7178	7181	7181	7181	7178	7170	
G 30.0	6748	6754	6758	6762	6764	6764	6762	6761	6756	6748	6756	6761	6762	
G 35.0	6270	6280	6286	6292	6305	6309	6301	6292	6281	6270	6281	6292	6301	
G 40.0	5740	5746	5752	5760	5767	5768	5763	5757	5752	5746	5752	5757	5763	
G 45.0	5082	5100	5092	5079	5103	5109	5091	5099	5106	5106	5106	5099	5091	
G 50.0	4192	4140	4042	3971	4036	4041	3984	4060	4158	4208	4158	4060	3984	
G 55.0	3424	3112	2974	2944	2826	2827	2950	2994	3144	3461	3144	2994	2950	
G 60.0	2518	2248	2211	2252	2038	2039	2263	2247	2298	2562	2298	2247	2263	
G 65.0	1956	1727	1718	1780	1593	1587	1764	1701	1700	1905	1700	1701	1764	
G 70.0	1513	1357	1281	1297	1343	1330	1279	1300	1382	1492	1382	1300	1279	
G 75.0	1140	1043	1029	1057	1014	1006	1047	1048	1071	1140	1071	1048	1047	
G 80.0	809	781	779	809	849	859	832	800	795	821	795	800	832	
G 85.0	501	462	457	488	522	524	495	470	475	508	475	470	495	
G 90.0	94	94	94	94	94	94	94	94	94	94	94	94	94	

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Luminaire Flux	3685 lm		Luminaire Power		31.7 W		Efficacy		116.104 lm/W		Efficiency		66.03%	
Source Flux	5581 lm		Maximum value		309.20 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	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789
G 5.0	8518	8517	8517	8517	8517	8517	8517	8517	8517	8517	8518	8519	8517	
G 10.0	8219	8219	8219	8220	8221	8221	8221	8220	8219	8219	8219	8219	8219	
G 15.0	7898	7899	7901	7907	7911	7912	7911	7907	7901	7899	7898	7898	7900	
G 20.0	7547	7549	7558	7569	7578	7582	7578	7569	7558	7549	7547	7552	7560	
G 25.0	7167	7171	7179	7185	7188	7189	7188	7185	7179	7171	7167	7170	7178	
G 30.0	6764	6764	6762	6758	6754	6748	6754	6758	6762	6764	6764	6762	6761	
G 35.0	6309	6305	6292	6286	6280	6270	6280	6286	6292	6305	6309	6301	6292	
G 40.0	5768	5767	5760	5752	5746	5740	5746	5752	5760	5767	5768	5763	5757	
G 45.0	5109	5103	5079	5092	5100	5082	5100	5092	5079	5103	5109	5091	5099	
G 50.0	4041	4036	3971	4042	4140	4192	4140	4042	3971	4036	4041	3984	4060	
G 55.0	2827	2826	2944	2974	3112	3424	3112	2974	2944	2826	2827	2950	2994	
G 60.0	2039	2038	2252	2211	2248	2518	2248	2211	2252	2038	2039	2263	2247	
G 65.0	1587	1593	1780	1718	1727	1956	1727	1718	1780	1593	1587	1764	1701	
G 70.0	1330	1343	1297	1281	1357	1513	1357	1281	1297	1343	1330	1279	1300	
G 75.0	1006	1014	1057	1029	1043	1140	1043	1029	1057	1014	1006	1047	1048	
G 80.0	859	849	809	779	781	809	781	779	809	849	859	832	800	
G 85.0	524	522	488	457	462	501	462	457	488	522	524	495	470	
G 90.0	94	94	94	94	94	94	94	94	94	94	94	94	94	

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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	8789	8789	8789	8789	8789	8789	8789	8789	8789	8789
G 5.0	8517	8519	8517	8517	8519	8518	8517	8517	8517	8517
G 10.0	8219	8219	8219	8219	8219	8219	8219	8219	8220	8221
G 15.0	7902	7904	7902	7900	7898	7898	7899	7901	7907	7911
G 20.0	7566	7569	7566	7560	7552	7547	7549	7558	7569	7578
G 25.0	7181	7181	7181	7178	7170	7167	7171	7179	7185	7188
G 30.0	6756	6748	6756	6761	6762	6764	6764	6762	6758	6754
G 35.0	6281	6270	6281	6292	6301	6309	6305	6292	6286	6280
G 40.0	5752	5746	5752	5757	5763	5768	5767	5760	5752	5746
G 45.0	5106	5106	5106	5099	5091	5109	5103	5079	5092	5100
G 50.0	4158	4208	4158	4060	3984	4041	4036	3971	4042	4140
G 55.0	3144	3461	3144	2994	2950	2827	2826	2944	2974	3112
G 60.0	2298	2562	2298	2247	2263	2039	2038	2252	2211	2248
G 65.0	1700	1905	1700	1701	1764	1587	1593	1780	1718	1727
G 70.0	1382	1492	1382	1300	1279	1330	1343	1297	1281	1357
G 75.0	1071	1140	1071	1048	1047	1006	1014	1057	1029	1043
G 80.0	795	821	795	800	832	859	849	809	779	781
G 85.0	475	508	475	470	495	524	522	488	457	462
G 90.0	94	94	94	94	94	94	94	94	94	94