

Luminaire

Code 90591L900

Name ROFY 60 /T D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

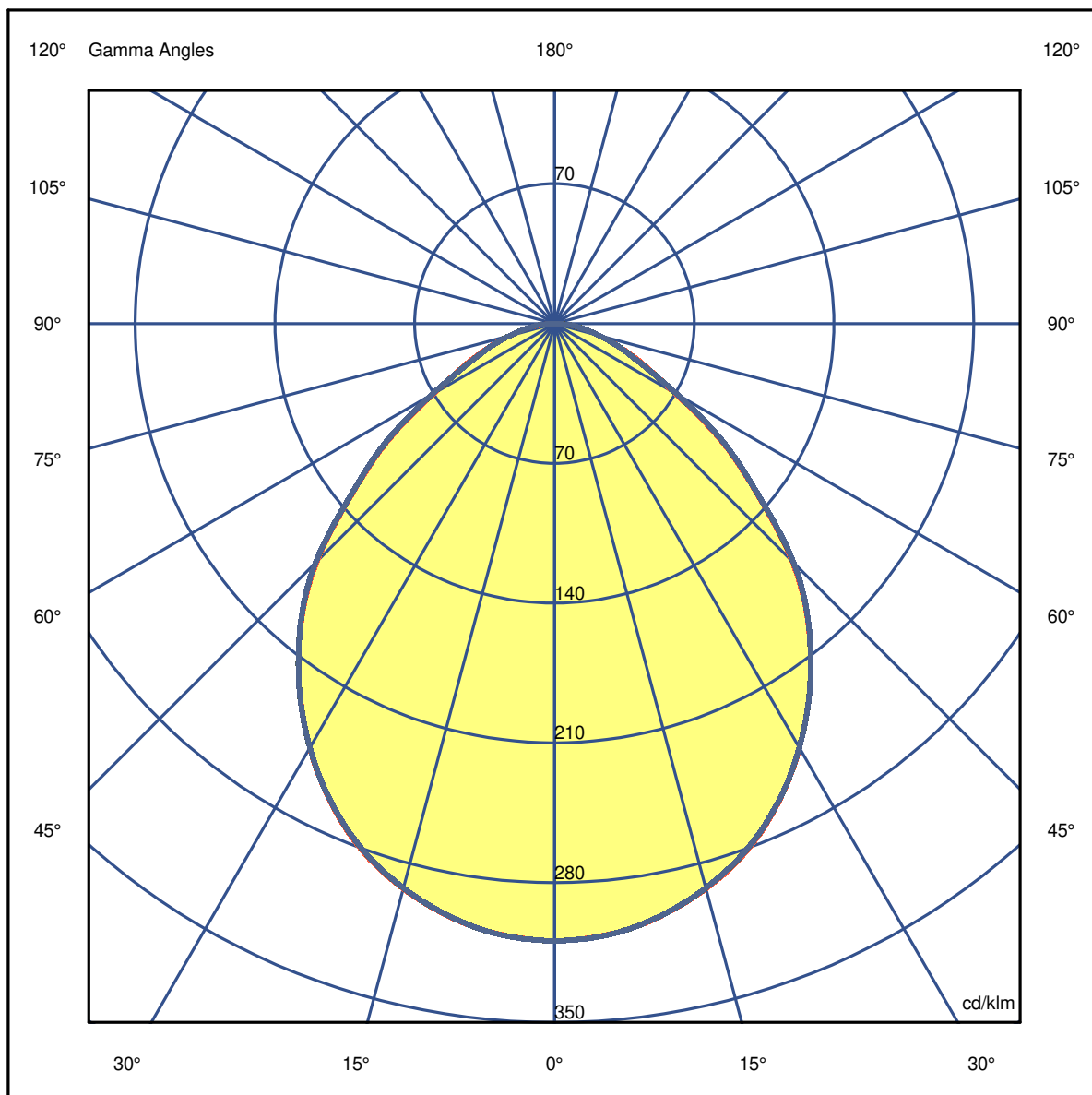
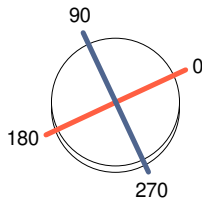
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Luminaire Flux	10274 lm	Luminaire Power	83.9 W	Efficacy	122.459 lm/W	Efficiency	66.03%
Source Flux	15560 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1018mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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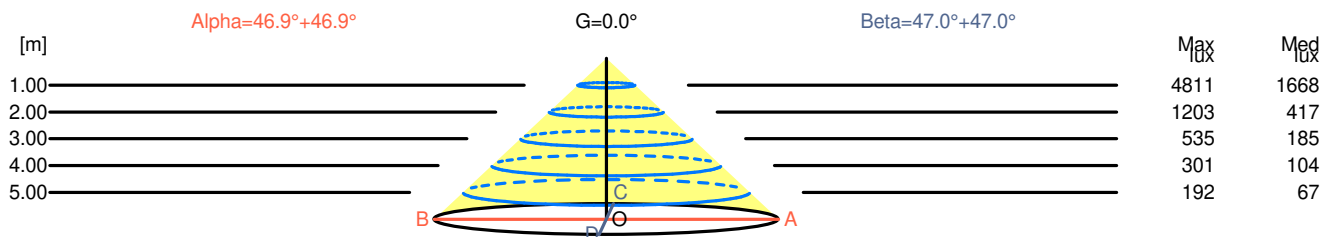
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Width at 50.00 % of Max Intensity

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	4811.15	4780.03	4557.52	4121.84	3468.32	2623.42	1587.12	776.44	362.55	115.14
OB	4811.15	4780.03	4557.52	4121.84	3468.32	2623.42	1587.12	776.44	362.55	115.14
OC	4811.15	4781.59	4552.86	4117.18	3468.32	2635.86	1604.24	756.22	362.55	116.70
OD	4811.15	4781.59	4552.86	4117.18	3468.32	2635.86	1604.24	756.22	362.55	116.70



H[m]	D[m]	Max lux	Med lux	Alpha=46.9°+46.9°	G=0.0
1.00	2.14	4811	1668		
2.00	4.28	1203	417		
3.00	6.42	535	185		
4.00	8.56	301	104		
5.00	10.70	192	67		

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0
1.00	2.15	4811	1668		
2.00	4.30	1203	417		
3.00	6.44	535	185		
4.00	8.59	301	104		
5.00	10.74	192	67		

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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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	15.4	16.6	15.7	16.8	17.0	15.5	16.6	15.8	16.8	17.1
x=2H y=3H	16.0	17.1	16.3	17.3	17.5	16.0	17.1	16.3	17.3	17.6
x=2H y=4H	16.2	17.2	16.6	17.5	17.8	16.3	17.2	16.6	17.5	17.8
x=2H y=6H	16.4	17.3	16.7	17.6	17.9	16.4	17.3	16.8	17.6	17.9
x=2H y=8H	16.4	17.3	16.8	17.6	17.9	16.5	17.3	16.8	17.6	17.9
x=2H y=12H	16.4	17.3	16.8	17.6	17.9	16.5	17.3	16.8	17.6	18.0
x=4H y=2H	15.7	16.6	16.0	16.9	17.2	15.7	16.7	16.0	16.9	17.2
x=4H y=3H	16.4	17.2	16.7	17.5	17.8	16.4	17.2	16.7	17.5	17.9
x=4H y=4H	16.7	17.4	17.1	17.7	18.1	16.7	17.4	17.1	17.8	18.1
x=4H y=6H	16.9	17.6	17.4	17.9	18.3	17.0	17.6	17.4	18.0	18.4
x=4H y=8H	17.0	17.6	17.4	18.0	18.4	17.1	17.6	17.5	18.0	18.4
x=4H y=12H	17.1	17.6	17.5	18.0	18.4	17.1	17.6	17.6	18.0	18.5
x=8H y=4H	16.8	17.4	17.2	17.7	18.1	16.8	17.4	17.2	17.8	18.2
x=8H y=6H	17.1	17.6	17.6	18.0	18.5	17.2	17.6	17.6	18.0	18.5
x=8H y=8H	17.3	17.7	17.7	18.1	18.6	17.3	17.7	17.8	18.2	18.6
x=8H y=12H	17.3	17.7	17.8	18.2	18.7	17.4	17.7	17.9	18.2	18.7
x=12H y=4H	16.8	17.3	17.2	17.7	18.1	16.8	17.3	17.3	17.7	18.2
x=12H y=6H	17.2	17.6	17.6	18.0	18.5	17.2	17.6	17.7	18.1	18.5
x=12H y=8H	17.3	17.6	17.8	18.1	18.6	17.3	17.7	17.8	18.2	18.7

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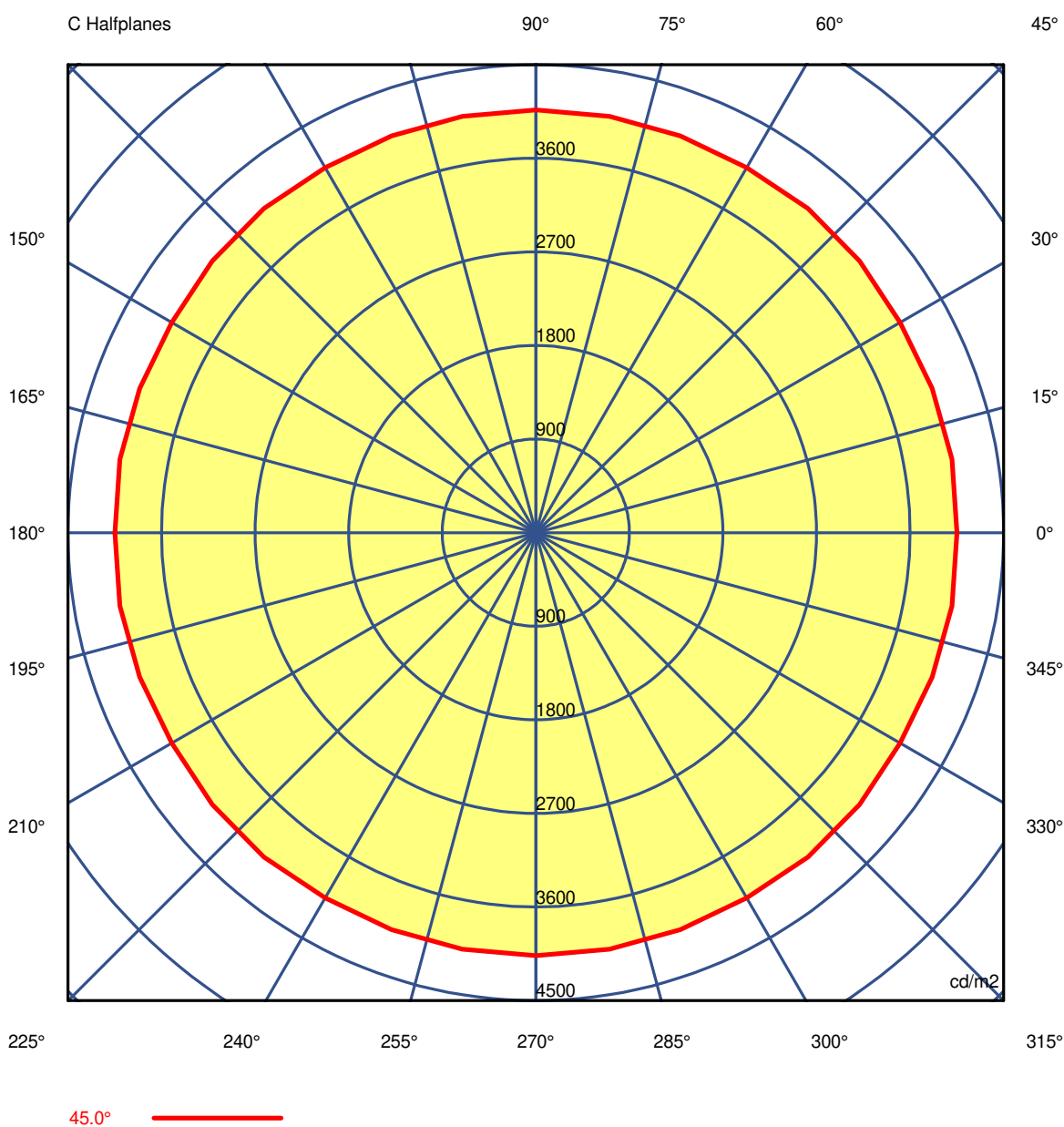
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Source Flux	15560 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	10274 lm	Luminaire Power		83.9 W		Efficacy		122.459 lm/W		Efficiency		66.03%	
Source Flux	15560 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	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126
G 5.0	6022	6022	6022	6022	6022	6022	6023	6022	6022	6023	6022	6022	6023
G 10.0	5894	5894	5893	5892	5892	5892	5892	5892	5892	5892	5892	5892	5892
G 15.0	5751	5750	5747	5743	5741	5741	5741	5742	5743	5745	5743	5742	5741
G 20.0	5587	5584	5578	5569	5563	5562	5565	5571	5575	5577	5575	5571	5565
G 25.0	5373	5372	5369	5365	5359	5356	5359	5364	5367	5367	5367	5364	5359
G 30.0	5117	5121	5124	5127	5129	5129	5127	5126	5123	5117	5123	5126	5127
G 35.0	4827	4835	4840	4845	4854	4857	4851	4844	4836	4827	4836	4844	4851
G 40.0	4492	4496	4502	4508	4514	4514	4510	4506	4501	4497	4501	4506	4510
G 45.0	4049	4063	4056	4046	4065	4070	4056	4062	4068	4068	4068	4062	4056
G 50.0	3407	3364	3284	3227	3280	3283	3237	3299	3379	3420	3379	3299	3237
G 55.0	2845	2587	2472	2446	2348	2349	2452	2489	2613	2876	2613	2489	2452
G 60.0	2149	1918	1886	1921	1739	1740	1931	1917	1961	2186	1961	1917	1931
G 65.0	1723	1521	1513	1568	1403	1397	1554	1498	1497	1678	1497	1498	1554
G 70.0	1386	1244	1173	1188	1230	1219	1172	1191	1266	1366	1266	1191	1172
G 75.0	1099	1006	993	1019	978	970	1010	1011	1033	1099	1033	1011	1010
G 80.0	838	809	807	838	880	890	862	828	824	850	824	828	862
G 85.0	579	534	528	563	602	605	571	542	548	587	548	542	571
G 90.0	131	131	131	131	131	131	131	131	131	131	131	131	131

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Source Flux		15560 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	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126
G 5.0	6022	6022	6022	6022	6022	6022	6022	6022	6022	6022	6022	6022	6022	6023	6022	6022
G 10.0	5892	5892	5892	5892	5893	5894	5894	5894	5893	5892	5892	5892	5892	5892	5892	5892
G 15.0	5741	5741	5743	5747	5750	5751	5750	5747	5743	5741	5741	5741	5741	5741	5741	5742
G 20.0	5562	5563	5569	5578	5584	5587	5584	5578	5569	5563	5562	5562	5562	5565	5565	5571
G 25.0	5356	5359	5365	5369	5372	5373	5372	5369	5365	5359	5356	5356	5356	5359	5359	5364
G 30.0	5129	5129	5127	5124	5121	5117	5121	5124	5127	5129	5129	5129	5129	5127	5126	5126
G 35.0	4857	4854	4845	4840	4835	4827	4835	4840	4845	4854	4857	4857	4851	4851	4844	4844
G 40.0	4514	4514	4508	4502	4496	4492	4496	4502	4508	4514	4514	4514	4510	4510	4506	4506
G 45.0	4070	4065	4046	4056	4063	4049	4063	4056	4046	4065	4070	4070	4056	4056	4062	4062
G 50.0	3283	3280	3227	3284	3364	3407	3364	3284	3227	3280	3283	3283	3237	3237	3299	3299
G 55.0	2349	2348	2446	2472	2587	2845	2587	2472	2446	2348	2349	2349	2452	2452	2489	2489
G 60.0	1740	1739	1921	1886	1918	2149	1918	1886	1921	1739	1740	1740	1931	1931	1917	1917
G 65.0	1397	1403	1568	1513	1521	1723	1521	1513	1568	1403	1397	1397	1554	1554	1498	1498
G 70.0	1219	1230	1188	1173	1244	1386	1244	1173	1188	1230	1219	1219	1172	1172	1191	1191
G 75.0	970	978	1019	993	1006	1099	1006	993	1019	978	970	970	1010	1010	1011	1011
G 80.0	890	880	838	807	809	838	809	807	838	880	890	890	862	862	828	828
G 85.0	605	602	563	528	534	579	534	528	563	602	605	605	571	571	542	542
G 90.0	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131	131

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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	6126	6126	6126	6126	6126	6126	6126	6126	6126	6126
G 5.0	6022	6023	6022	6022	6023	6022	6022	6022	6022	6022
G 10.0	5892	5892	5892	5892	5892	5892	5892	5892	5893	5894
G 15.0	5743	5745	5743	5742	5741	5741	5741	5743	5747	5750
G 20.0	5575	5577	5575	5571	5565	5562	5563	5569	5578	5584
G 25.0	5367	5367	5367	5364	5359	5356	5359	5365	5369	5372
G 30.0	5123	5117	5123	5126	5127	5129	5129	5127	5124	5121
G 35.0	4836	4827	4836	4844	4851	4857	4854	4845	4840	4835
G 40.0	4501	4497	4501	4506	4510	4514	4514	4508	4502	4496
G 45.0	4068	4068	4068	4062	4056	4070	4065	4046	4056	4063
G 50.0	3379	3420	3379	3299	3237	3283	3280	3227	3284	3364
G 55.0	2613	2876	2613	2489	2452	2349	2348	2446	2472	2587
G 60.0	1961	2186	1961	1917	1931	1740	1739	1921	1886	1918
G 65.0	1497	1678	1497	1498	1554	1397	1403	1568	1513	1521
G 70.0	1266	1366	1266	1191	1172	1219	1230	1188	1173	1244
G 75.0	1033	1099	1033	1011	1010	970	978	1019	993	1006
G 80.0	824	850	824	828	862	890	880	838	807	809
G 85.0	548	587	548	542	571	605	602	563	528	534
G 90.0	131	131	131	131	131	131	131	131	131	131