

Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

Measurem.

Code 4/8/2023

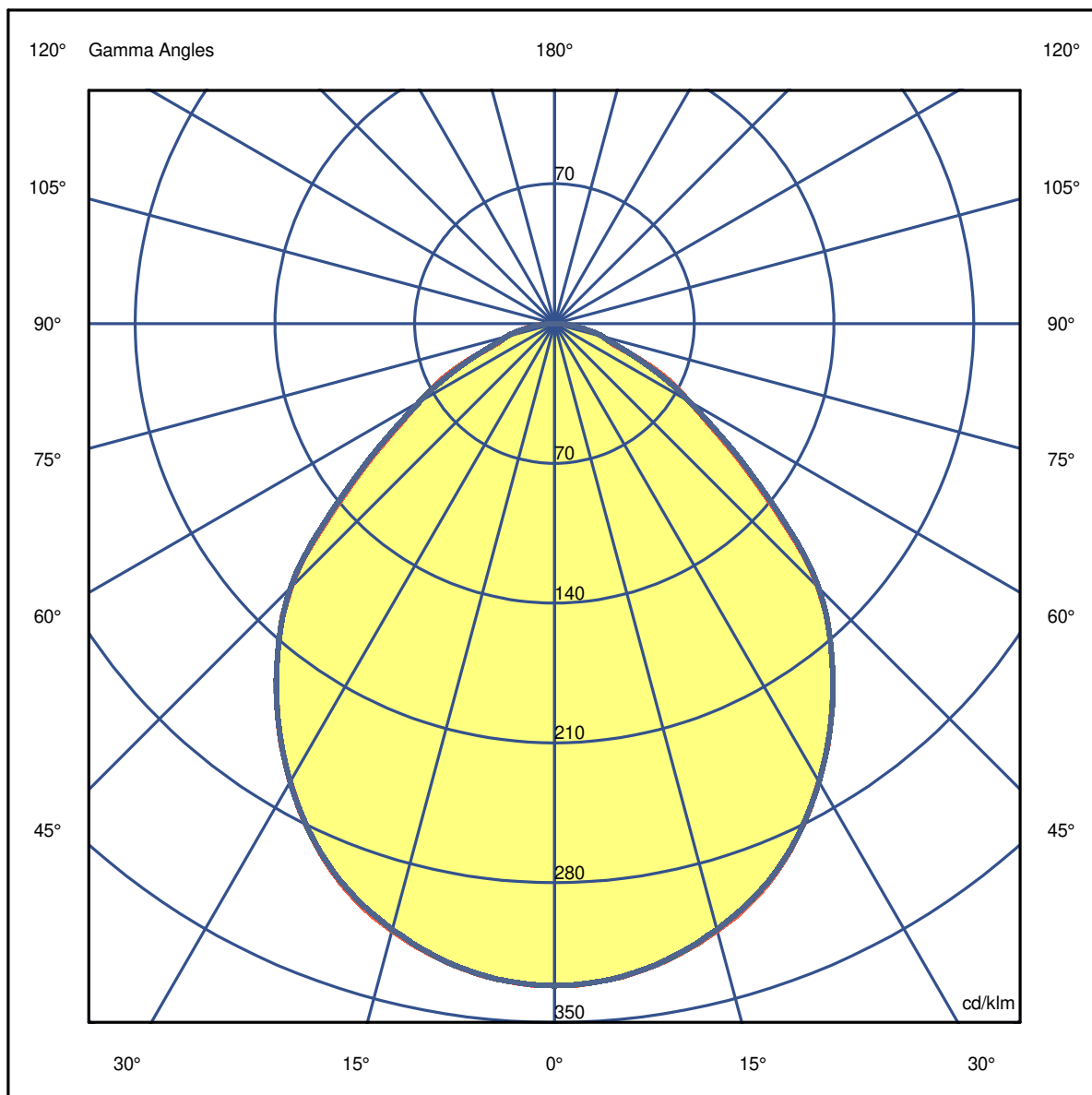
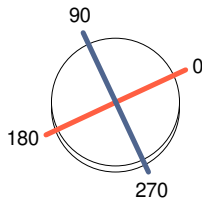
Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm	Luminaire Power	64.9 W	Efficacy	136.495 lm/W	Efficiency	72.14%
Source Flux	12284 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

Measurem.

Code 4/8/2023

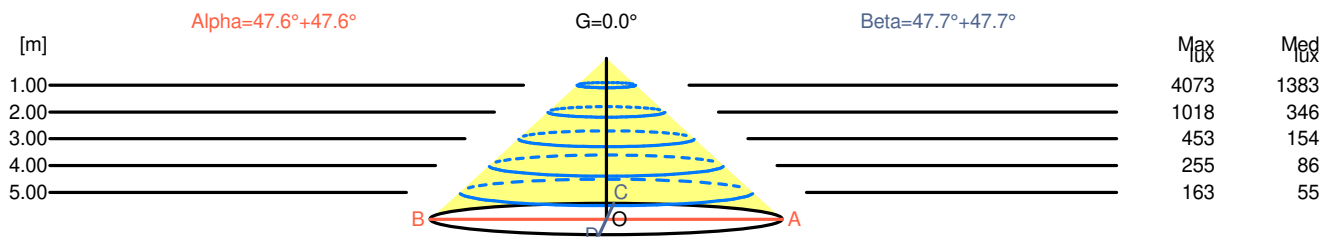
Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm	Luminaire Power	64.9 W	Efficacy	136.495 lm/W	Efficiency	72.14%
Source Flux	12284 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.09	2.19	3.28	4.38	5.47	OC	1.10	2.20	3.30	4.40	5.50
OB	1.09	2.19	3.28	4.38	5.47	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	4073.37	4048.81	3864.55	3508.31	2966.59	2293.42	1291.05	705.10	304.64	87.22
OB	4073.37	4048.81	3864.55	3508.31	2966.59	2293.42	1291.05	705.10	304.64	87.22
OC	4073.37	4047.58	3859.63	3505.85	2967.81	2299.56	1311.93	671.93	307.10	84.76
OD	4073.37	4047.58	3859.63	3505.85	2967.81	2299.56	1311.93	671.93	307.10	84.76



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0
1.00	2.19	4073	1383		
2.00	4.38	1018	346		
3.00	6.57	453	154		
4.00	8.76	255	86		
5.00	10.95	163	55		

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0
1.00	2.20	4073	1383		
2.00	4.40	1018	346		
3.00	6.60	453	154		
4.00	8.79	255	86		
5.00	10.99	163	55		

Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

Measurement

Code 4/8/2023

Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm	Luminaire Power	64.9 W	Efficacy	136.495 lm/W	Efficiency	72.14%
Source Flux	12284 lm	Maximum value	331.60 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.2	17.4	16.5	17.6	17.8	16.2	17.4	16.5	17.6	17.8
x=2H y=3H	16.9	17.9	17.2	18.2	18.5	16.9	17.9	17.2	18.2	18.4
x=2H y=4H	17.1	18.1	17.4	18.4	18.6	17.1	18.0	17.4	18.3	18.6
x=2H y=6H	17.3	18.2	17.6	18.5	18.8	17.3	18.2	17.6	18.5	18.8
x=2H y=8H	17.3	18.2	17.7	18.5	18.8	17.3	18.2	17.7	18.5	18.8
x=2H y=12H	17.3	18.2	17.7	18.5	18.8	17.3	18.1	17.7	18.5	18.8
x=4H y=2H	16.4	17.4	16.7	17.6	17.9	16.4	17.4	16.7	17.7	17.9
x=4H y=3H	17.2	18.0	17.6	18.3	18.7	17.2	18.0	17.5	18.3	18.6
x=4H y=4H	17.5	18.3	17.9	18.6	19.0	17.5	18.2	17.9	18.6	18.9
x=4H y=6H	17.8	18.5	18.3	18.8	19.2	17.8	18.4	18.2	18.8	19.2
x=4H y=8H	17.9	18.5	18.4	18.9	19.3	17.9	18.5	18.3	18.9	19.3
x=4H y=12H	18.0	18.5	18.4	18.9	19.3	17.9	18.5	18.4	18.9	19.3
x=8H y=4H	17.6	18.2	18.1	18.6	19.0	17.6	18.2	18.0	18.6	19.0
x=8H y=6H	18.0	18.5	18.5	18.9	19.4	18.0	18.5	18.5	18.9	19.4
x=8H y=8H	18.2	18.6	18.7	19.1	19.5	18.2	18.6	18.7	19.0	19.5
x=8H y=12H	18.3	18.7	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6
x=12H y=4H	17.6	18.1	18.1	18.6	19.0	17.6	18.1	18.0	18.5	19.0
x=12H y=6H	18.0	18.5	18.5	18.9	19.4	18.0	18.5	18.5	18.9	19.4
x=12H y=8H	18.2	18.6	18.7	19.1	19.6	18.2	18.6	18.7	19.1	19.6

Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

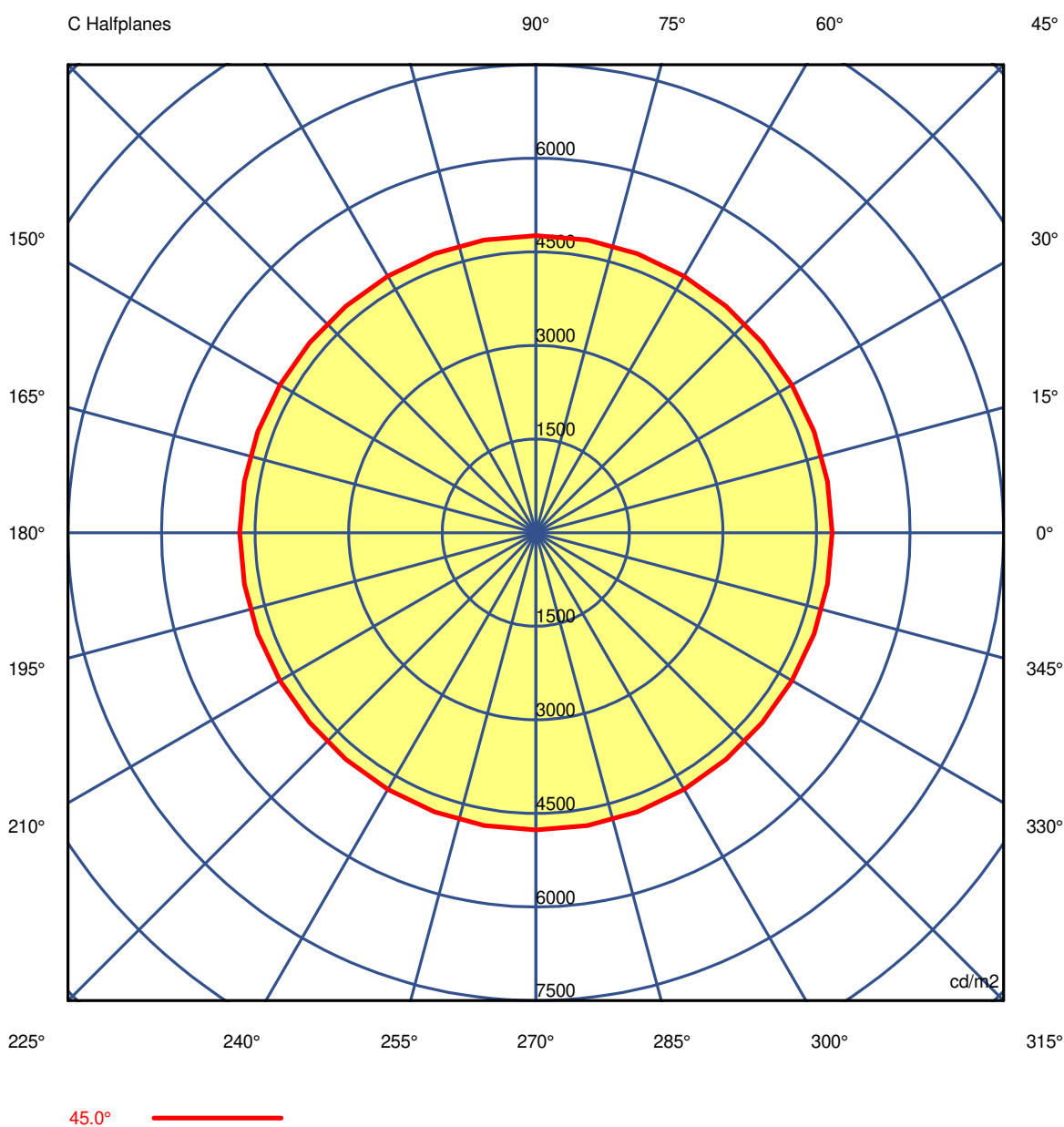
Measurem.

Code 4/8/2023

Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm	Luminaire Power	64.9 W	Efficacy	136.495 lm/W	Efficiency	72.14%
Source Flux	12284 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

Measurement

Code 4/8/2023

Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm		Luminaire Power		64.9 W		Efficacy		136.495 lm/W		Efficiency		72.14%	
Source Flux	12284 lm		Maximum value		331.60 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	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	
G 5.0	6611	6608	6608	6611	6612	6611	6609	6608	6607	6609	6607	6608	6609	
G 10.0	6498	6498	6496	6494	6494	6492	6490	6491	6493	6494	6493	6491	6490	
G 15.0	6368	6366	6362	6356	6353	6352	6352	6355	6358	6360	6358	6355	6352	
G 20.0	6227	6217	6205	6192	6183	6178	6182	6194	6205	6209	6205	6194	6182	
G 25.0	6019	6012	6007	6002	5997	5992	5994	6002	6010	6015	6010	6002	5994	
G 30.0	5770	5766	5768	5777	5791	5793	5781	5771	5768	5768	5768	5771	5781	
G 35.0	5482	5485	5494	5514	5529	5532	5521	5498	5488	5485	5488	5498	5521	
G 40.0	5160	5164	5171	5184	5197	5199	5188	5179	5168	5155	5168	5179	5188	
G 45.0	4749	4749	4747	4741	4738	4741	4751	4761	4764	4761	4764	4761	4751	
G 50.0	3930	4010	4055	3998	3825	3822	3993	4059	4035	3982	4035	4059	3993	
G 55.0	3148	3382	3276	2878	2576	2550	2830	3270	3420	3199	3420	3270	2830	
G 60.0	2591	2584	2393	2011	2062	2087	2085	2417	2583	2594	2583	2417	2085	
G 65.0	2171	2115	1925	1649	1768	1797	1694	1898	2036	2069	2036	1898	1694	
G 70.0	1474	1611	1646	1554	1410	1398	1518	1601	1600	1540	1600	1601	1518	
G 75.0	1326	1373	1306	1198	1225	1227	1198	1293	1362	1337	1362	1293	1198	
G 80.0	1021	1077	1127	1151	1130	1132	1158	1145	1097	1035	1097	1145	1158	
G 85.0	684	776	855	867	776	773	857	838	756	665	756	838	857	
G 90.0	131	131	131	131	131	131	131	131	131	131	131	131	131	

Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

Measurement

Code 4/8/2023

Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm	Luminaire Power	64.9 W	Efficacy	136.495 lm/W	Efficiency	72.14%
Source Flux	12284 lm	Maximum value	331.60 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	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697
G 5.0	6611	6612	6611	6608	6608	6611	6608	6608	6611	6612	6611	6609	6608
G 10.0	6492	6494	6494	6496	6498	6498	6498	6496	6494	6494	6492	6490	6491
G 15.0	6352	6353	6356	6362	6366	6368	6366	6362	6356	6353	6352	6352	6355
G 20.0	6178	6183	6192	6205	6217	6227	6217	6205	6192	6183	6178	6182	6194
G 25.0	5992	5997	6002	6007	6012	6019	6012	6007	6002	5997	5992	5994	6002
G 30.0	5793	5791	5777	5768	5766	5770	5766	5768	5777	5791	5793	5781	5771
G 35.0	5532	5529	5514	5494	5485	5482	5485	5494	5514	5529	5532	5521	5498
G 40.0	5199	5197	5184	5171	5164	5160	5164	5171	5184	5197	5199	5188	5179
G 45.0	4741	4738	4741	4747	4749	4749	4749	4747	4741	4738	4741	4751	4761
G 50.0	3822	3825	3998	4055	4010	3930	4010	4055	3998	3825	3822	3993	4059
G 55.0	2550	2576	2878	3276	3382	3148	3382	3276	2878	2576	2550	2830	3270
G 60.0	2087	2062	2011	2393	2584	2591	2584	2393	2011	2062	2087	2085	2417
G 65.0	1797	1768	1649	1925	2115	2171	2115	1925	1649	1768	1797	1694	1898
G 70.0	1398	1410	1554	1646	1611	1474	1611	1646	1554	1410	1398	1518	1601
G 75.0	1227	1225	1198	1306	1373	1326	1373	1306	1198	1225	1227	1198	1293
G 80.0	1132	1130	1151	1127	1077	1021	1077	1127	1151	1130	1132	1158	1145
G 85.0	773	776	867	855	776	684	776	855	867	776	773	857	838
G 90.0	131	131	131	131	131	131	131	131	131	131	131	131	131

Luminaire

Code 90583L900

Name ROFY 60 D0900 GCONTROL+ 840 HO

Measurem.

Code 4/8/2023

Name ROFY 60 D0900 GCONTROL+ 840 HO

Luminaire Flux	8861 lm	Luminaire Power	64.9 W	Efficacy	136.495 lm/W	Efficiency	72.14%
Source Flux	12284 lm	Maximum value	331.60 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	6697	6697	6697	6697	6697	6697	6697	6697	6697	6697
G 5.0	6607	6609	6607	6608	6609	6611	6612	6611	6608	6608
G 10.0	6493	6494	6493	6491	6490	6492	6494	6494	6496	6498
G 15.0	6358	6360	6358	6355	6352	6352	6353	6356	6362	6366
G 20.0	6205	6209	6205	6194	6182	6178	6183	6192	6205	6217
G 25.0	6010	6015	6010	6002	5994	5992	5997	6002	6007	6012
G 30.0	5768	5768	5768	5771	5781	5793	5791	5777	5768	5766
G 35.0	5488	5485	5488	5498	5521	5532	5529	5514	5494	5485
G 40.0	5168	5155	5168	5179	5188	5199	5197	5184	5171	5164
G 45.0	4764	4761	4764	4761	4751	4741	4738	4741	4747	4749
G 50.0	4035	3982	4035	4059	3993	3822	3825	3998	4055	4010
G 55.0	3420	3199	3420	3270	2830	2550	2576	2878	3276	3382
G 60.0	2583	2594	2583	2417	2085	2087	2062	2011	2393	2584
G 65.0	2036	2069	2036	1898	1694	1797	1768	1649	1925	2115
G 70.0	1600	1540	1600	1601	1518	1398	1410	1554	1646	1611
G 75.0	1362	1337	1362	1293	1198	1227	1225	1198	1306	1373
G 80.0	1097	1035	1097	1145	1158	1132	1130	1151	1127	1077
G 85.0	756	665	756	838	857	773	776	867	855	776
G 90.0	131	131	131	131	131	131	131	131	131	131