

Luminaire

Code 90629L900

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Measurem.

Code 4/8/2023

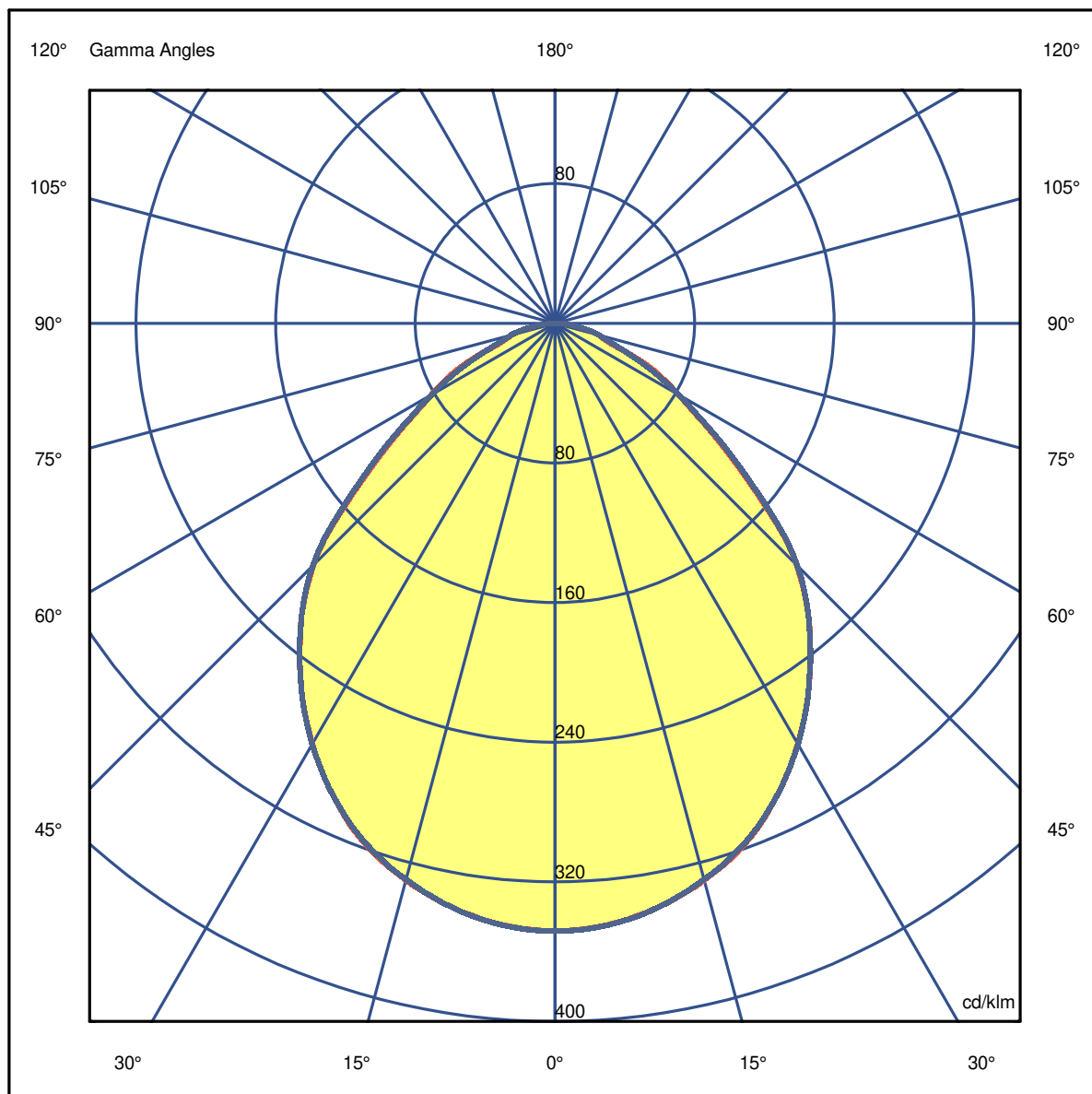
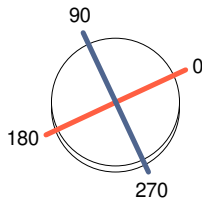
Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux	7494 lm	Luminaire Power	53.3 W	Efficacy	140.551 lm/W	Efficiency	75.70%
Source Flux	9900 lm	Maximum value	348.10 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 90629L900
Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Measurem.

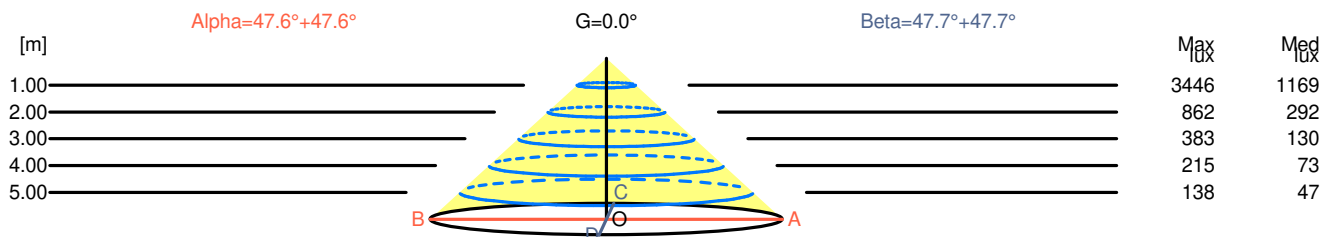
Code 4/8/2023
Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux	7494 lm	Luminaire Power	53.3 W	Efficacy	140.551 lm/W	Efficiency	75.70%
Source Flux	9900 lm	Maximum value	348.10 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	3446.19	3424.41	3268.98	2967.03	2510.64	1940.40	1091.97	595.98	258.39	73.26
OB	3446.19	3424.41	3268.98	2967.03	2510.64	1940.40	1091.97	595.98	258.39	73.26
OC	3446.19	3426.39	3265.02	2966.04	2510.64	1943.37	1111.77	569.25	260.37	73.26
OD	3446.19	3426.39	3265.02	2966.04	2510.64	1943.37	1111.77	569.25	260.37	73.26



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	3446	1169			
2.00	4.38	862	292			
3.00	6.57	383	130			
4.00	8.76	215	73			
5.00	10.95	138	47			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	3446	1169			
2.00	4.40	862	292			
3.00	6.60	383	130			
4.00	8.79	215	73			
5.00	10.99	138	47			

Luminaire

Code 90629L900

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Measurem.

Code 4/8/2023

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux	7494 lm	Luminaire Power	53.3 W	Efficacy	140.551 lm/W	Efficiency	75.70%
Source Flux	9900 lm	Maximum value	348.10 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	15.6	16.8	15.9	17.0	17.2	15.7	16.8	15.9	17.0	17.3
x=2H y=3H	16.3	17.3	16.6	17.6	17.9	16.3	17.3	16.6	17.6	17.8
x=2H y=4H	16.5	17.5	16.9	17.8	18.1	16.5	17.5	16.8	17.8	18.0
x=2H y=6H	16.7	17.6	17.1	17.9	18.2	16.7	17.6	17.0	17.9	18.2
x=2H y=8H	16.7	17.6	17.1	17.9	18.2	16.7	17.6	17.1	17.9	18.2
x=2H y=12H	16.8	17.6	17.1	17.9	18.2	16.7	17.6	17.1	17.9	18.2
x=4H y=2H	15.8	16.8	16.1	17.1	17.3	15.8	16.8	16.2	17.1	17.4
x=4H y=3H	16.6	17.4	17.0	17.8	18.1	16.6	17.4	17.0	17.7	18.1
x=4H y=4H	17.0	17.7	17.3	18.0	18.4	16.9	17.6	17.3	18.0	18.4
x=4H y=6H	17.3	17.9	17.7	18.3	18.7	17.2	17.9	17.6	18.2	18.6
x=4H y=8H	17.3	17.9	17.8	18.3	18.7	17.3	17.9	17.7	18.3	18.7
x=4H y=12H	17.4	17.9	17.8	18.3	18.7	17.4	17.9	17.8	18.3	18.7
x=8H y=4H	17.0	17.6	17.5	18.0	18.4	17.0	17.6	17.4	18.0	18.4
x=8H y=6H	17.4	17.9	17.9	18.3	18.8	17.4	17.9	17.9	18.3	18.8
x=8H y=8H	17.6	18.0	18.1	18.5	18.9	17.6	18.0	18.1	18.4	18.9
x=8H y=12H	17.7	18.1	18.2	18.5	19.0	17.7	18.0	18.2	18.5	19.0
x=12H y=4H	17.0	17.6	17.5	18.0	18.4	17.0	17.5	17.5	17.9	18.4
x=12H y=6H	17.5	17.9	17.9	18.3	18.8	17.5	17.9	17.9	18.3	18.8
x=12H y=8H	17.6	18.0	18.1	18.5	19.0	17.6	18.0	18.1	18.5	19.0

Luminaire

Code 90629L900

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

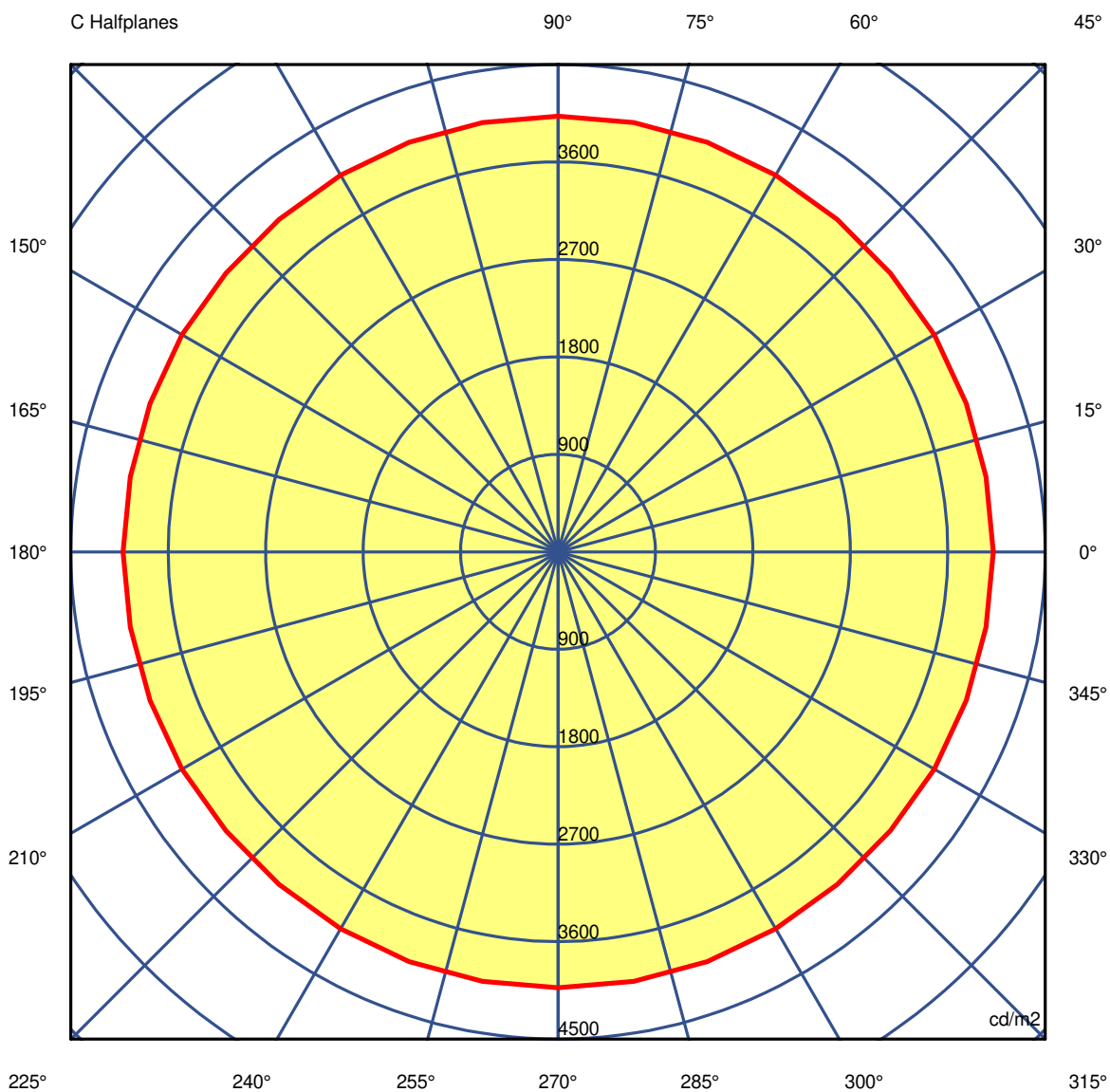
Measurem.

Code 4/8/2023

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux	7494 lm	Luminaire Power	53.3 W	Efficacy	140.551 lm/W	Efficiency	75.70%
Source Flux	9900 lm	Maximum value	348.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90629L900

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Measurement

Code 4/8/2023

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux	7494 lm		Luminaire Power		53.3 W		Efficacy		140.551 lm/W		Efficiency		75.70%	
Source Flux	9900 lm		Maximum value		348.10 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	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	
G 5.0	5592	5590	5590	5590	5590	5590	5590	5588	5590	5595	5590	5588	5590	
G 10.0	5494	5495	5495	5494	5493	5492	5492	5491	5492	5495	5492	5491	5492	
G 15.0	5387	5385	5381	5377	5374	5374	5374	5375	5377	5380	5377	5375	5374	
G 20.0	5264	5257	5246	5234	5229	5227	5229	5239	5249	5256	5249	5239	5229	
G 25.0	5091	5087	5080	5072	5071	5070	5070	5074	5081	5089	5081	5074	5070	
G 30.0	4884	4879	4880	4887	4897	4899	4891	4878	4876	4887	4876	4878	4891	
G 35.0	4640	4642	4649	4663	4678	4682	4671	4651	4642	4640	4642	4651	4671	
G 40.0	4368	4370	4375	4384	4393	4395	4390	4380	4372	4366	4372	4380	4390	
G 45.0	4018	4013	4012	4012	4006	4008	4018	4026	4028	4024	4028	4026	4018	
G 50.0	3328	3388	3422	3377	3238	3240	3384	3438	3416	3368	3416	3438	3384	
G 55.0	2663	2860	2773	2438	2176	2156	2402	2769	2892	2711	2892	2769	2402	
G 60.0	2195	2188	2024	1699	1742	1761	1758	2044	2186	2195	2186	2044	1758	
G 65.0	1835	1788	1627	1393	1498	1522	1429	1602	1722	1752	1722	1602	1429	
G 70.0	1241	1363	1394	1313	1191	1181	1284	1354	1353	1302	1353	1354	1284	
G 75.0	1125	1160	1102	1013	1038	1039	1013	1095	1155	1134	1155	1095	1013	
G 80.0	867	917	958	972	950	952	977	968	927	872	927	968	977	
G 85.0	574	655	721	730	655	657	730	709	641	574	641	709	730	
G 90.0	106	106	106	106	106	106	106	106	106	106	106	106	106	

Luminaire

Code 90629L900

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Measurem.

Code 4/8/2023

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux		7494 lm		Luminaire Power		53.3 W		Efficacy		140.551 lm/W		Efficiency		75.70%	
Source Flux		9900 lm		Maximum value		348.10 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	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666
G 5.0	5590	5590	5590	5590	5590	5592	5590	5590	5590	5590	5590	5590	5590	5588	5588
G 10.0	5492	5493	5494	5495	5495	5494	5495	5495	5494	5493	5492	5492	5491	5491	5491
G 15.0	5374	5374	5377	5381	5385	5387	5385	5381	5377	5374	5374	5374	5375	5375	5375
G 20.0	5227	5229	5234	5246	5257	5264	5257	5246	5234	5229	5227	5229	5239	5239	5239
G 25.0	5070	5071	5072	5080	5087	5091	5087	5080	5072	5071	5070	5070	5074	5074	5074
G 30.0	4899	4897	4887	4880	4879	4884	4879	4880	4887	4897	4899	4891	4878	4878	4878
G 35.0	4682	4678	4663	4649	4642	4640	4642	4649	4663	4678	4682	4671	4651	4651	4651
G 40.0	4395	4393	4384	4375	4370	4368	4370	4375	4384	4393	4395	4390	4380	4380	4380
G 45.0	4008	4006	4012	4012	4013	4018	4013	4012	4012	4006	4008	4018	4026	4026	4026
G 50.0	3240	3238	3377	3422	3388	3328	3388	3422	3377	3238	3240	3384	3438	3438	3438
G 55.0	2156	2176	2438	2773	2860	2663	2860	2773	2438	2176	2156	2402	2769	2769	2769
G 60.0	1761	1742	1699	2024	2188	2195	2188	2024	1699	1742	1761	1758	2044	2044	2044
G 65.0	1522	1498	1393	1627	1788	1835	1788	1627	1393	1498	1522	1429	1602	1602	1602
G 70.0	1181	1191	1313	1394	1363	1241	1363	1394	1313	1191	1181	1284	1354	1354	1354
G 75.0	1039	1038	1013	1102	1160	1125	1160	1102	1013	1038	1039	1013	1095	1095	1095
G 80.0	952	950	972	958	917	867	917	958	972	950	952	977	968	968	968
G 85.0	657	655	730	721	655	574	655	721	730	655	657	730	709	709	709
G 90.0	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106

Luminaire

Code 90629L900

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Measurem.

Code 4/8/2023

Name ROFY 85 D0900 GCONTROL+ K3 830 LO

Luminaire Flux	7494 lm	Luminaire Power	53.3 W	Efficacy	140.551 lm/W	Efficiency	75.70%
Source Flux	9900 lm	Maximum value	348.10 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	5666	5666	5666	5666	5666	5666	5666	5666	5666	5666
G 5.0	5590	5595	5590	5588	5590	5590	5590	5590	5590	5590
G 10.0	5492	5495	5492	5491	5492	5492	5493	5494	5495	5495
G 15.0	5377	5380	5377	5375	5374	5374	5374	5377	5381	5385
G 20.0	5249	5256	5249	5239	5229	5227	5229	5234	5246	5257
G 25.0	5081	5089	5081	5074	5070	5070	5071	5072	5080	5087
G 30.0	4876	4887	4876	4878	4891	4899	4897	4887	4880	4879
G 35.0	4642	4640	4642	4651	4671	4682	4678	4663	4649	4642
G 40.0	4372	4366	4372	4380	4390	4395	4393	4384	4375	4370
G 45.0	4028	4024	4028	4026	4018	4008	4006	4012	4012	4013
G 50.0	3416	3368	3416	3438	3384	3240	3238	3377	3422	3388
G 55.0	2892	2711	2892	2769	2402	2156	2176	2438	2773	2860
G 60.0	2186	2195	2186	2044	1758	1761	1742	1699	2024	2188
G 65.0	1722	1752	1722	1602	1429	1522	1498	1393	1627	1788
G 70.0	1353	1302	1353	1354	1284	1181	1191	1313	1394	1363
G 75.0	1155	1134	1155	1095	1013	1039	1038	1013	1102	1160
G 80.0	927	872	927	968	977	952	950	972	958	917
G 85.0	641	574	641	709	730	657	655	730	721	655
G 90.0	106	106	106	106	106	106	106	106	106	106