

Luminaire

Code 90587L600
Name ROFY 60 D/I D0600 GCONTROL+ 830 HO

Measurem.

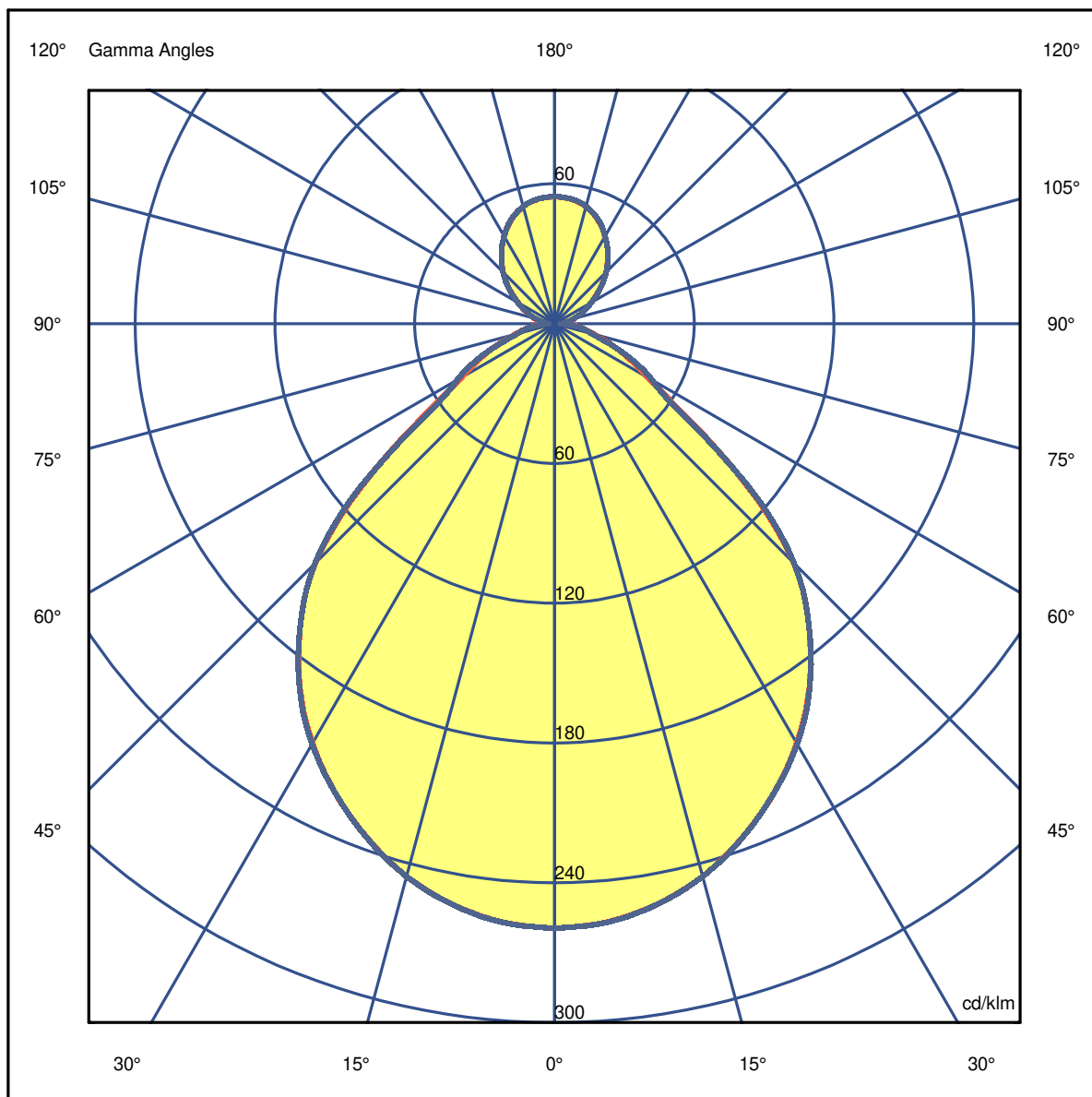
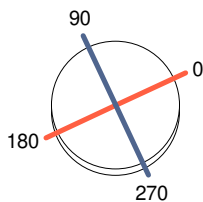
Code 26/7/2023
Name ROFY 60 D/I D0600 GCONTROL+ 830 HO

Luminaire Flux	7014 lm	Luminaire Power	56.3 W	Efficacy	124.609 lm/W	Efficiency	70.45%
Source Flux	9956 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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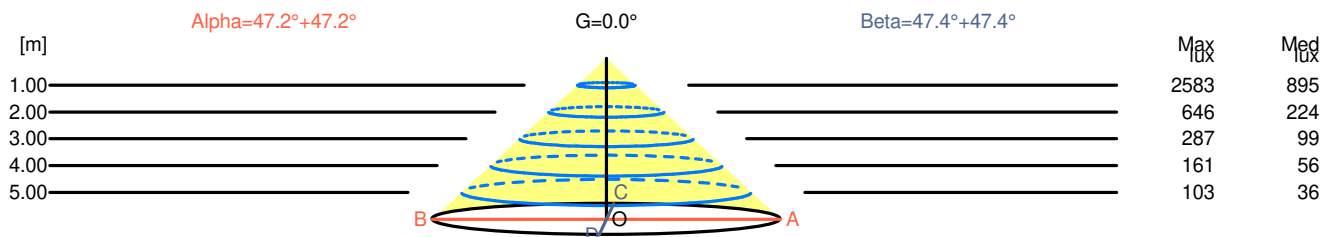
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Luminaire Flux	7014 lm	Luminaire Power	56.3 W	Efficacy	124.609 lm/W	Efficiency	70.45%
Source Flux	9956 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.08	2.16	3.25	4.33	5.41	OC	1.09	2.17	3.26	4.35	5.44
OB	1.08	2.16	3.25	4.33	5.41	OD	1.09	2.17	3.26	4.35	5.44

	0	5	15	25	35	45	55	65	75	85
OA	2582.59	2566.66	2445.19	2215.21	1897.61	1446.61	672.03	351.45	173.23	80.64
OB	2582.59	2566.66	2445.19	2215.21	1897.61	1446.61	672.03	351.45	173.23	80.64
OC	2582.59	2567.65	2445.19	2215.21	1901.60	1448.60	648.14	369.37	165.27	66.71
OD	2582.59	2567.65	2445.19	2215.21	1901.60	1448.60	648.14	369.37	165.27	66.71



H[m]	D[m]	Max lux	Med lux	Alpha=47.2°+47.2°	G=0.0	
1.00	2.16	2583	895			
2.00	4.33	646	224			
3.00	6.49	287	99			
4.00	8.65	161	56			
5.00	10.82	103	36			

H[m]	D[m]	Max lux	Med lux	Beta=47.4°+47.4°	G=0.0	
1.00	2.17	2583	895			
2.00	4.35	646	224			
3.00	6.52	287	99			
4.00	8.70	161	56			
5.00	10.87	103	36			

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Luminaire Flux	7014 lm	Luminaire Power	56.3 W	Efficacy	124.609 lm/W	Efficiency	70.45%
Source Flux	9956 lm	Maximum value	259.40 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	15.7	16.6	16.2	17.2	17.8	16.0	17.0	16.5	17.5	18.1
x=2H y=3H	16.1	17.0	16.7	17.5	18.2	16.3	17.2	16.9	17.8	18.4
x=2H y=4H	16.3	17.1	16.9	17.7	18.3	16.5	17.3	17.1	17.9	18.5
x=2H y=6H	16.4	17.1	17.0	17.7	18.4	16.6	17.3	17.2	17.9	18.6
x=2H y=8H	16.4	17.2	17.1	17.8	18.5	16.6	17.3	17.2	17.9	18.6
x=2H y=12H	16.5	17.2	17.1	17.8	18.5	16.6	17.3	17.3	17.9	18.6
x=4H y=2H	16.0	16.7	16.6	17.3	18.0	16.3	17.0	16.8	17.6	18.3
x=4H y=3H	16.5	17.2	17.2	17.8	18.5	16.8	17.5	17.5	18.1	18.9
x=4H y=4H	16.7	17.3	17.4	18.0	18.7	17.0	17.6	17.7	18.3	19.0
x=4H y=6H	17.0	17.5	17.6	18.1	18.9	17.2	17.7	17.9	18.4	19.2
x=4H y=8H	17.0	17.5	17.8	18.2	19.0	17.3	17.8	18.0	18.5	19.3
x=4H y=12H	17.1	17.6	17.9	18.3	19.1	17.4	17.8	18.1	18.5	19.3
x=8H y=4H	16.8	17.3	17.5	18.0	18.8	17.1	17.6	17.8	18.3	19.1
x=8H y=6H	17.1	17.5	17.9	18.2	19.1	17.4	17.8	18.1	18.5	19.3
x=8H y=8H	17.3	17.6	18.1	18.4	19.2	17.5	17.9	18.3	18.6	19.5
x=8H y=12H	17.5	17.7	18.2	18.5	19.4	17.6	17.9	18.4	18.7	19.6
x=12H y=4H	16.8	17.2	17.5	17.9	18.7	17.1	17.5	17.8	18.2	19.0
x=12H y=6H	17.2	17.5	17.9	18.2	19.1	17.4	17.7	18.2	18.5	19.3
x=12H y=8H	17.4	17.6	18.1	18.4	19.3	17.6	17.8	18.3	18.6	19.5

Luminaire

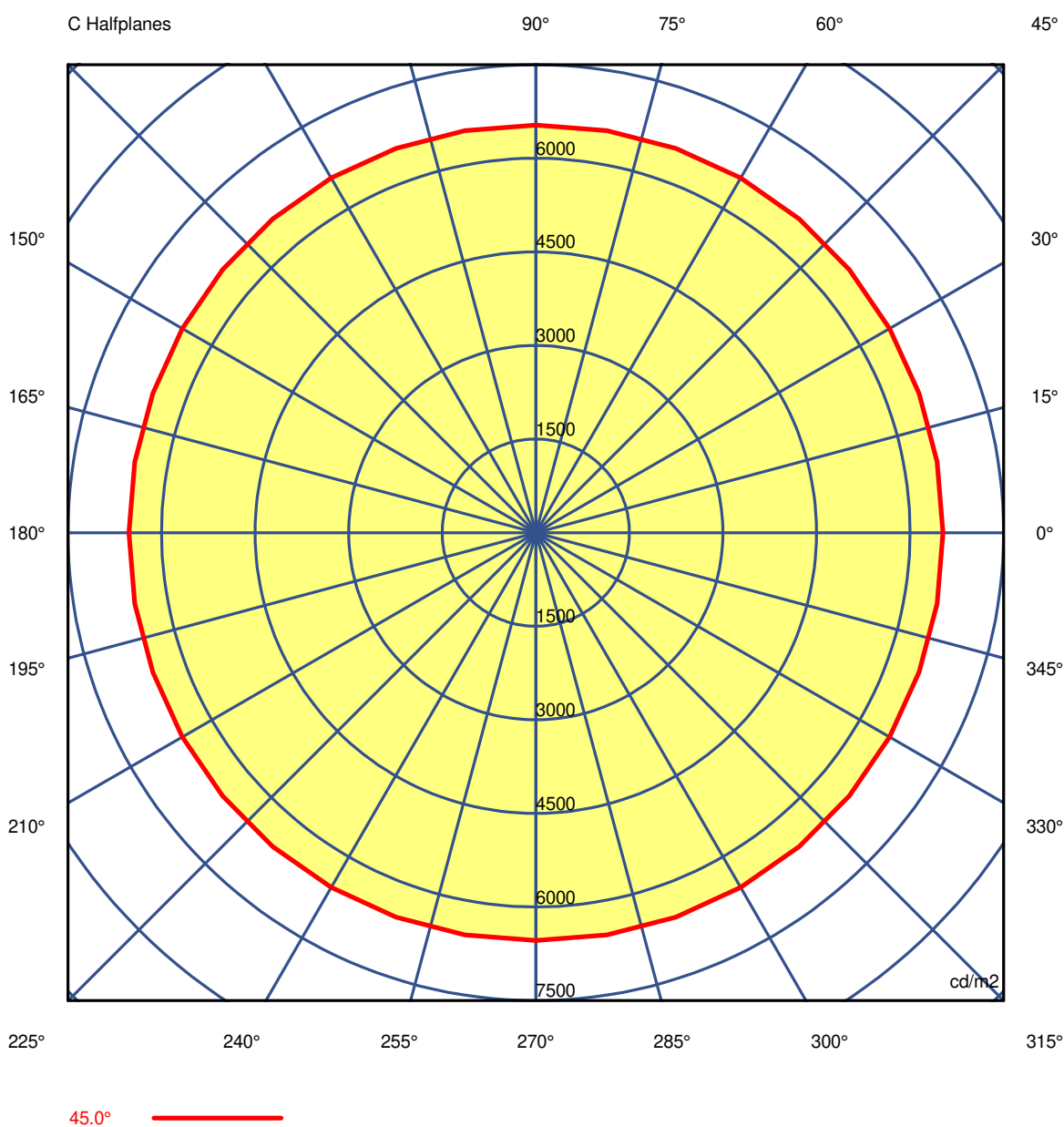
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Luminaire Flux	7014 lm	Luminaire Power	56.3 W	Efficacy	124.609 lm/W	Efficiency	70.45%
Source Flux	9956 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	7014 lm		Luminaire Power		56.3 W		Efficacy		124.609 lm/W		Efficiency		70.45%	
Source Flux	9956 lm		Maximum value		259.40 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	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	
G 5.0	9595	9595	9595	9595	9598	9598	9595	9594	9596	9599	9596	9594	9595	
G 10.0	9372	9375	9376	9376	9379	9379	9376	9379	9380	9376	9380	9379	9376	
G 15.0	9125	9125	9127	9132	9136	9137	9136	9134	9130	9125	9130	9134	9136	
G 20.0	8824	8829	8837	8851	8870	8880	8877	8863	8846	8828	8846	8863	8877	
G 25.0	8511	8513	8517	8526	8539	8549	8549	8534	8519	8511	8519	8534	8549	
G 30.0	8166	8182	8173	8151	8151	8151	8151	8153	8162	8182	8162	8153	8151	
G 35.0	7755	7766	7751	7718	7699	7690	7690	7708	7738	7771	7738	7708	7690	
G 40.0	7226	7238	7234	7213	7192	7177	7179	7205	7225	7230	7225	7205	7179	
G 45.0	6526	6531	6538	6548	6561	6568	6566	6558	6547	6535	6547	6558	6566	
G 50.0	5151	5183	5264	5424	5533	5595	5592	5479	5334	5204	5334	5479	5592	
G 55.0	3501	3311	3622	4238	4484	4535	4534	4375	3971	3377	3971	4375	4534	
G 60.0	2637	2696	2768	2945	3306	3562	3486	3104	2815	2751	2815	3104	3486	
G 65.0	2248	2374	2314	2216	2630	3005	2904	2380	2135	2363	2135	2380	2904	
G 70.0	1850	1835	1780	1799	2159	2449	2367	1984	1818	1814	1818	1984	2367	
G 75.0	1493	1459	1377	1365	1594	1785	1734	1490	1358	1425	1358	1490	1734	
G 80.0	1318	1325	1364	1423	1458	1467	1444	1381	1326	1297	1326	1381	1444	
G 85.0	1118	1089	1095	1104	987	889	897	970	989	925	989	970	897	
G 90.0	687	673	660	646	623	584	545	531	515	485	515	531	545	

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Source Flux	9956 lm		Maximum value		259.40 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	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775	
G 5.0	9598	9598	9595	9595	9595	9595	9595	9595	9595	9598	9598	9595	9594	
G 10.0	9379	9379	9376	9376	9375	9372	9375	9376	9376	9379	9379	9376	9379	
G 15.0	9137	9136	9132	9127	9125	9125	9125	9127	9132	9136	9137	9136	9134	
G 20.0	8880	8870	8851	8837	8829	8824	8829	8837	8851	8870	8880	8877	8863	
G 25.0	8549	8539	8526	8517	8513	8511	8513	8517	8526	8539	8549	8549	8534	
G 30.0	8151	8151	8151	8173	8182	8166	8182	8173	8151	8151	8151	8151	8153	
G 35.0	7690	7699	7718	7751	7766	7755	7766	7751	7718	7699	7690	7690	7708	
G 40.0	7177	7192	7213	7234	7238	7226	7238	7234	7213	7192	7177	7179	7205	
G 45.0	6568	6561	6548	6538	6531	6526	6531	6538	6548	6561	6568	6566	6558	
G 50.0	5595	5533	5424	5264	5183	5151	5183	5264	5424	5533	5595	5592	5479	
G 55.0	4535	4484	4238	3622	3311	3501	3311	3622	4238	4484	4535	4534	4375	
G 60.0	3562	3306	2945	2768	2696	2637	2696	2768	2945	3306	3562	3486	3104	
G 65.0	3005	2630	2216	2314	2374	2248	2374	2314	2216	2630	3005	2904	2380	
G 70.0	2449	2159	1799	1780	1835	1850	1835	1780	1799	2159	2449	2367	1984	
G 75.0	1785	1594	1365	1377	1459	1493	1459	1377	1365	1594	1785	1734	1490	
G 80.0	1467	1458	1423	1364	1325	1318	1325	1364	1423	1458	1467	1444	1381	
G 85.0	889	987	1104	1095	1089	1118	1089	1095	1104	987	889	897	970	
G 90.0	584	623	646	660	673	687	673	660	646	623	584	545	531	

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Source Flux	9956 lm	Maximum value		259.40 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	9775	9775	9775	9775	9775	9775	9775	9775	9775	9775
G 5.0	9596	9599	9596	9594	9595	9598	9598	9595	9595	9595
G 10.0	9380	9376	9380	9379	9376	9379	9379	9376	9376	9375
G 15.0	9130	9125	9130	9134	9136	9137	9136	9132	9127	9125
G 20.0	8846	8828	8846	8863	8877	8880	8870	8851	8837	8829
G 25.0	8519	8511	8519	8534	8549	8549	8539	8526	8517	8513
G 30.0	8162	8182	8162	8153	8151	8151	8151	8151	8173	8182
G 35.0	7738	7771	7738	7708	7690	7690	7699	7718	7751	7766
G 40.0	7225	7230	7225	7205	7179	7177	7192	7213	7234	7238
G 45.0	6547	6535	6547	6558	6566	6568	6561	6548	6538	6531
G 50.0	5334	5204	5334	5479	5592	5595	5533	5424	5264	5183
G 55.0	3971	3377	3971	4375	4534	4535	4484	4238	3622	3311
G 60.0	2815	2751	2815	3104	3486	3562	3306	2945	2768	2696
G 65.0	2135	2363	2135	2380	2904	3005	2630	2216	2314	2374
G 70.0	1818	1814	1818	1984	2367	2449	2159	1799	1780	1835
G 75.0	1358	1425	1358	1490	1734	1785	1594	1365	1377	1459
G 80.0	1326	1297	1326	1381	1444	1467	1458	1423	1364	1325
G 85.0	989	925	989	970	897	889	987	1104	1095	1089
G 90.0	515	485	515	531	545	584	623	646	660	673