

**Luminaire**

Code 90584L600

Name ROFY 60 D0600 GCONTROL+ 830 LO

**Measurem.**

Code 4/8/2023

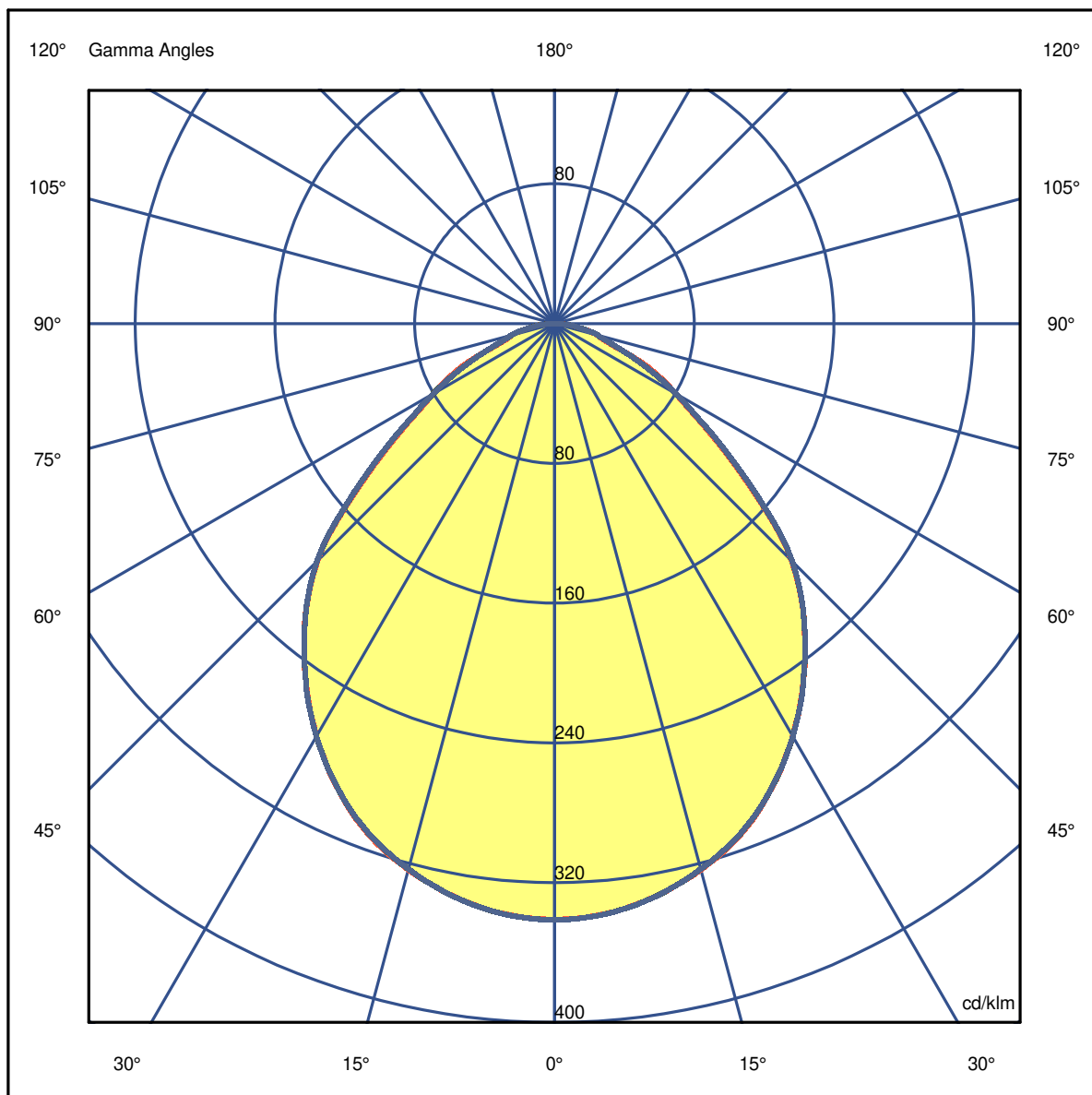
Name ROFY 60 D0600 GCONTROL+ 830 LO

Luminaire Flux	4121 lm	Luminaire Power	33.1 W	Efficacy	124.440 lm/W	Efficiency	74.18%
Source Flux	5556 lm	Maximum value	341.10 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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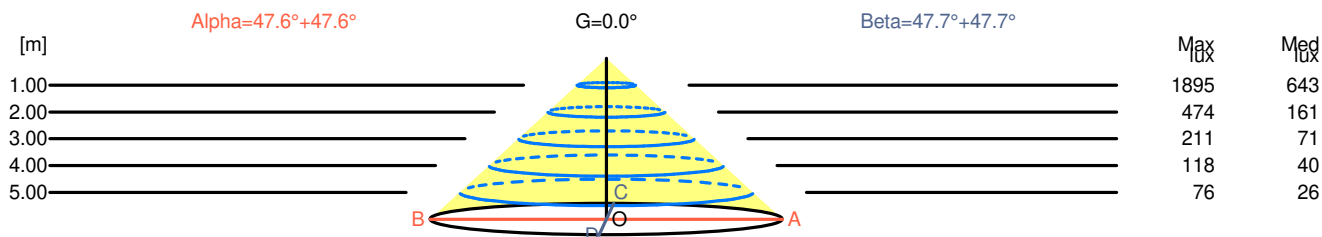
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Source Flux	5556 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.10	2.19	3.29	4.38	5.48	OC	1.10	2.20	3.30	4.40	5.50
OB	1.10	2.19	3.29	4.38	5.48	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	1895.15	1883.48	1797.92	1631.80	1380.67	1066.75	600.60	327.80	142.23	40.00
OB	1895.15	1883.48	1797.92	1631.80	1380.67	1066.75	600.60	327.80	142.23	40.00
OC	1895.15	1884.04	1795.70	1631.24	1380.67	1068.42	611.16	312.80	143.34	40.56
OD	1895.15	1884.04	1795.70	1631.24	1380.67	1068.42	611.16	312.80	143.34	40.56



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0
1.00	2.19	1895	643		
2.00	4.38	474	161		
3.00	6.57	211	71		
4.00	8.76	118	40		
5.00	10.95	76	26		

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0
1.00	2.20	1895	643		
2.00	4.40	474	161		
3.00	6.60	211	71		
4.00	8.80	118	40		
5.00	10.99	76	26		

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Luminaire Flux	4121 lm	Luminaire Power	33.1 W	Efficacy	124.440 lm/W	Efficiency	74.18%
Source Flux	5556 lm	Maximum value	341.10 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										
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	16.8	17.9	17.2	18.1	18.4	16.8	17.9	17.1	18.1	18.4
x=2H y=4H	17.0	18.0	17.4	18.3	18.6	17.0	18.0	17.4	18.3	18.6
x=2H y=6H	17.2	18.1	17.6	18.4	18.7	17.2	18.1	17.5	18.4	18.7
x=2H y=8H	17.2	18.1	17.6	18.4	18.7	17.2	18.1	17.6	18.4	18.7
x=2H y=12H	17.3	18.1	17.6	18.4	18.7	17.2	18.1	17.6	18.4	18.7
x=4H y=2H	16.4	17.3	16.7	17.6	17.9	16.4	17.4	16.7	17.6	17.9
x=4H y=3H	17.2	18.0	17.5	18.3	18.7	17.1	18.0	17.5	18.3	18.6
x=4H y=4H	17.5	18.2	17.9	18.5	18.9	17.4	18.2	17.8	18.5	18.9
x=4H y=6H	17.7	18.4	18.1	18.7	19.1	17.7	18.4	18.1	18.7	19.1
x=4H y=8H	17.8	18.4	18.2	18.8	19.2	17.8	18.4	18.2	18.8	19.2
x=4H y=12H	17.8	18.4	18.3	18.8	19.2	17.8	18.3	18.3	18.8	19.2
x=8H y=4H	17.5	18.1	18.0	18.5	18.9	17.5	18.1	18.0	18.5	18.9
x=8H y=6H	17.9	18.4	18.4	18.8	19.3	17.9	18.4	18.3	18.8	19.2
x=8H y=8H	18.0	18.5	18.5	18.9	19.4	18.0	18.4	18.5	18.9	19.4
x=8H y=12H	18.1	18.5	18.6	19.0	19.5	18.1	18.5	18.6	18.9	19.4
x=12H y=4H	17.5	18.1	18.0	18.5	18.9	17.5	18.0	18.0	18.4	18.9
x=12H y=6H	17.9	18.3	18.4	18.8	19.3	17.9	18.3	18.4	18.8	19.2
x=12H y=8H	18.1	18.4	18.6	18.9	19.4	18.1	18.4	18.6	18.9	19.4

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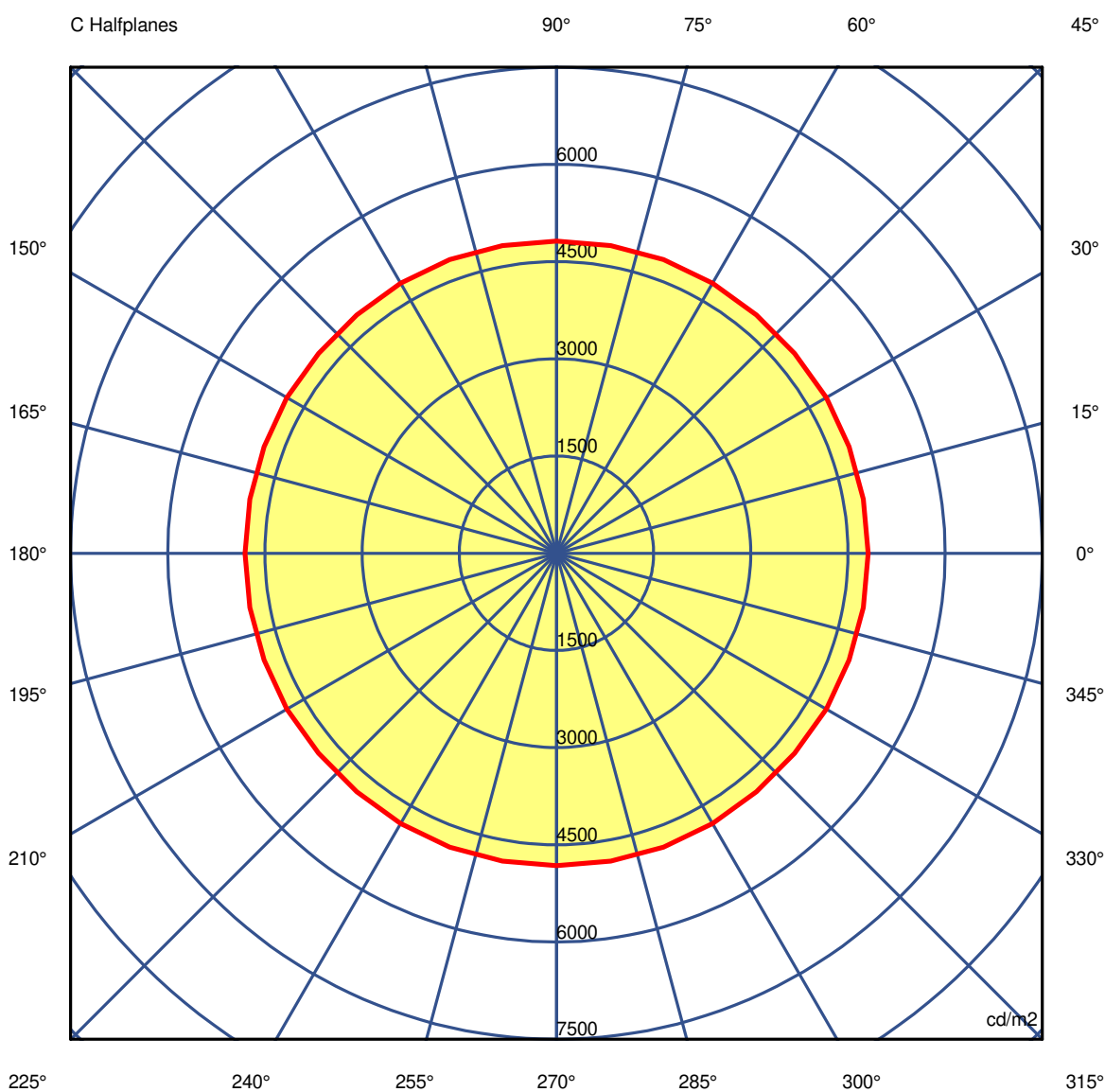
**Measurem.**

Code 4/8/2023

Name ROFY 60 D0600 GCONTROL+ 830 LO

Luminaire Flux	4121 lm	Luminaire Power	33.1 W	Efficacy	124.440 lm/W	Efficiency	74.18%
Source Flux	5556 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**

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Name ROFY 60 D0600 GCONTROL+ 830 LO

**Measurement**

Code 4/8/2023

Name ROFY 60 D0600 GCONTROL+ 830 LO

Luminaire Flux	4121 lm		Luminaire Power		33.1 W		Efficacy		124.440 lm/W		Efficiency		74.18%	
Source Flux	5556 lm		Maximum value		341.10 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	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	
G 5.0	7041	7039	7039	7039	7039	7039	7039	7037	7038	7043	7038	7037	7039	
G 10.0	6880	6882	6881	6878	6878	6878	6878	6876	6877	6882	6877	6876	6878	
G 15.0	6710	6707	6703	6697	6692	6691	6693	6694	6697	6701	6697	6694	6693	
G 20.0	6519	6512	6499	6484	6475	6472	6475	6489	6502	6511	6502	6489	6475	
G 25.0	6269	6264	6255	6246	6244	6243	6244	6248	6257	6267	6257	6248	6244	
G 30.0	5978	5972	5973	5982	5994	5997	5987	5972	5970	5982	5970	5972	5987	
G 35.0	5642	5645	5653	5672	5688	5693	5681	5657	5645	5642	5645	5657	5681	
G 40.0	5276	5279	5285	5295	5305	5308	5302	5291	5281	5274	5281	5291	5302	
G 45.0	4812	4808	4807	4807	4799	4801	4815	4823	4824	4820	4824	4823	4815	
G 50.0	3953	4023	4063	4009	3845	3848	4017	4081	4055	4001	4055	4081	4017	
G 55.0	3129	3360	3258	2866	2557	2533	2822	3254	3398	3184	3398	3254	2822	
G 60.0	2549	2541	2350	1971	2022	2045	2041	2372	2539	2549	2539	2372	2041	
G 65.0	2097	2042	1858	1592	1713	1739	1631	1831	1968	2001	1968	1831	1631	
G 70.0	1390	1526	1561	1471	1335	1324	1439	1515	1513	1455	1513	1515	1439	
G 75.0	1226	1265	1201	1102	1129	1131	1102	1192	1259	1236	1259	1192	1102	
G 80.0	906	959	1003	1018	995	996	1024	1013	970	912	970	1013	1024	
G 85.0	555	634	699	709	641	643	709	687	623	562	623	687	709	
G 90.0	90	90	90	90	90	90	90	90	90	90	90	90	90	

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Source Flux	5556 lm		Maximum value		341.10 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	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173	
G 5.0	7039	7039	7039	7039	7039	7041	7039	7039	7039	7039	7039	7039	7037	
G 10.0	6878	6878	6878	6881	6882	6880	6882	6881	6878	6878	6878	6878	6876	
G 15.0	6691	6692	6697	6703	6707	6710	6707	6703	6697	6692	6691	6693	6694	
G 20.0	6472	6475	6484	6499	6512	6519	6512	6499	6484	6475	6472	6475	6489	
G 25.0	6243	6244	6246	6255	6264	6269	6264	6255	6246	6244	6243	6244	6248	
G 30.0	5997	5994	5982	5973	5972	5978	5972	5973	5982	5994	5997	5987	5972	
G 35.0	5693	5688	5672	5653	5645	5642	5645	5653	5672	5688	5693	5681	5657	
G 40.0	5308	5305	5295	5285	5279	5276	5279	5285	5295	5305	5308	5302	5291	
G 45.0	4801	4799	4807	4807	4808	4812	4808	4807	4807	4799	4801	4815	4823	
G 50.0	3848	3845	4009	4063	4023	3953	4023	4063	4009	3845	3848	4017	4081	
G 55.0	2533	2557	2866	3258	3360	3129	3360	3258	2866	2557	2533	2822	3254	
G 60.0	2045	2022	1971	2350	2541	2549	2541	2350	1971	2022	2045	2041	2372	
G 65.0	1739	1713	1592	1858	2042	2097	2042	1858	1592	1713	1739	1631	1831	
G 70.0	1324	1335	1471	1561	1526	1390	1526	1561	1471	1335	1324	1439	1515	
G 75.0	1131	1129	1102	1201	1265	1226	1265	1201	1102	1129	1131	1102	1192	
G 80.0	996	995	1018	1003	959	906	959	1003	1018	995	996	1024	1013	
G 85.0	643	641	709	699	634	555	634	699	709	641	643	709	687	
G 90.0	90	90	90	90	90	90	90	90	90	90	90	90	90	

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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	7173	7173	7173	7173	7173	7173	7173	7173	7173	7173
G 5.0	7038	7043	7038	7037	7039	7039	7039	7039	7039	7039
G 10.0	6877	6882	6877	6876	6878	6878	6878	6878	6881	6882
G 15.0	6697	6701	6697	6694	6693	6691	6692	6697	6703	6707
G 20.0	6502	6511	6502	6489	6475	6472	6475	6484	6499	6512
G 25.0	6257	6267	6257	6248	6244	6243	6244	6246	6255	6264
G 30.0	5970	5982	5970	5972	5987	5997	5994	5982	5973	5972
G 35.0	5645	5642	5645	5657	5681	5693	5688	5672	5653	5645
G 40.0	5281	5274	5281	5291	5302	5308	5305	5295	5285	5279
G 45.0	4824	4820	4824	4823	4815	4801	4799	4807	4807	4808
G 50.0	4055	4001	4055	4081	4017	3848	3845	4009	4063	4023
G 55.0	3398	3184	3398	3254	2822	2533	2557	2866	3258	3360
G 60.0	2539	2549	2539	2372	2041	2045	2022	1971	2350	2541
G 65.0	1968	2001	1968	1831	1631	1739	1713	1592	1858	2042
G 70.0	1513	1455	1513	1515	1439	1324	1335	1471	1561	1526
G 75.0	1259	1236	1259	1192	1102	1131	1129	1102	1201	1265
G 80.0	970	912	970	1013	1024	996	995	1018	1003	959
G 85.0	623	562	623	687	709	643	641	709	699	634
G 90.0	90	90	90	90	90	90	90	90	90	90