

**Luminaire**

Code 90588L400  
Name ROFY 60 D/I D0400 GCONTROL+ 830 LO

**Measurem.**

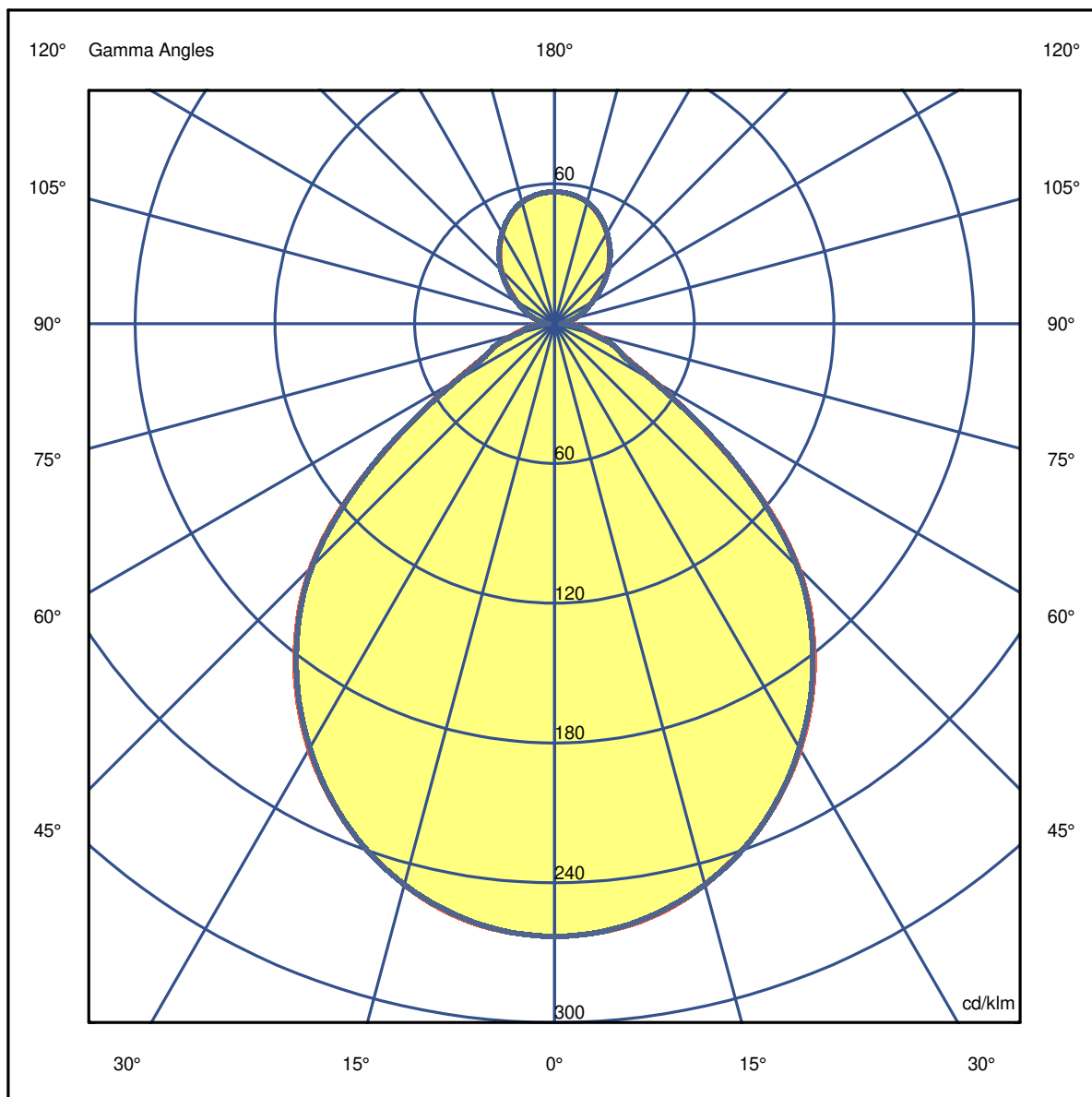
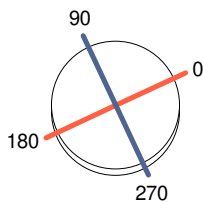
Code 4/8/2023  
Name ROFY 60 D/I D0400 GCONTROL+ 830 LO

Luminaire Flux	2697 lm	Luminaire Power	22.1 W	Efficacy	121.990 lm/W	Efficiency	71.58%
Source Flux	3768 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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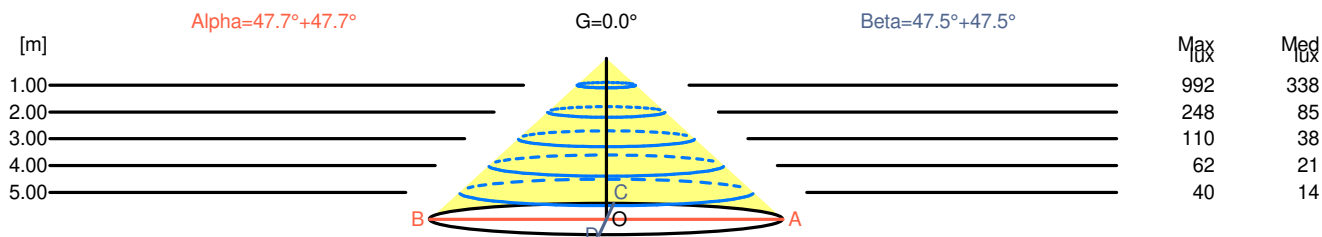
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Width at 50.00 % of Max Intensity

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	1.10	2.20	3.29	4.39	5.49	OC	1.09	2.18	3.27	4.37	5.46
OB	1.10	2.20	3.29	4.39	5.49	OD	1.09	2.18	3.27	4.37	5.46

	0	5	15	25	35	45	55	65	75	85
OA	991.74	985.33	939.36	851.94	727.22	558.04	292.40	125.10	68.20	32.40
OB	991.74	985.33	939.36	851.94	727.22	558.04	292.40	125.10	68.20	32.40
OC	991.74	984.96	938.99	851.19	724.21	554.65	295.79	122.84	61.42	26.75
OD	991.74	984.96	938.99	851.19	724.21	554.65	295.79	122.84	61.42	26.75



H[m]	D[m]	Max lux	Med lux	Alpha=47.7°+47.7°	G=0.0	
1.00	2.20	992	338			
2.00	4.39	248	85			
3.00	6.59	110	38			
4.00	8.78	62	21			
5.00	10.98	40	14			

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0	
1.00	2.18	992	338			
2.00	4.37	248	85			
3.00	6.55	110	38			
4.00	8.73	62	21			
5.00	10.92	40	14			

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Source Flux	3768 lm	Maximum value	263.20 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	14.8	15.8	15.4	16.3	16.9	15.5	16.4	16.0	17.0	17.6
x=2H y=3H	15.3	16.1	15.8	16.7	17.3	16.0	16.8	16.6	17.4	18.1
x=2H y=4H	15.4	16.2	16.0	16.8	17.4	16.1	16.9	16.7	17.5	18.2
x=2H y=6H	15.5	16.3	16.2	16.9	17.5	16.2	17.0	16.9	17.6	18.2
x=2H y=8H	15.6	16.3	16.2	16.9	17.6	16.2	16.9	16.9	17.6	18.3
x=2H y=12H	15.6	16.3	16.3	16.9	17.6	16.2	16.9	16.9	17.5	18.3
x=4H y=2H	15.0	15.8	15.6	16.4	17.1	15.6	16.4	16.2	17.0	17.6
x=4H y=3H	15.6	16.3	16.2	16.9	17.6	16.2	16.9	16.9	17.5	18.3
x=4H y=4H	15.8	16.4	16.5	17.1	17.8	16.5	17.1	17.2	17.7	18.5
x=4H y=6H	16.0	16.6	16.8	17.2	18.0	16.7	17.2	17.4	17.9	18.6
x=4H y=8H	16.1	16.6	16.9	17.3	18.1	16.7	17.2	17.4	17.9	18.7
x=4H y=12H	16.2	16.6	16.9	17.3	18.1	16.8	17.2	17.5	17.9	18.7
x=8H y=4H	15.9	16.3	16.6	17.0	17.8	16.5	16.9	17.2	17.6	18.4
x=8H y=6H	16.2	16.6	16.9	17.3	18.1	16.7	17.1	17.5	17.8	18.7
x=8H y=8H	16.3	16.7	17.1	17.4	18.3	16.8	17.1	17.6	17.9	18.7
x=8H y=12H	16.4	16.7	17.2	17.5	18.4	16.9	17.2	17.6	17.9	18.8
x=12H y=4H	15.8	16.2	16.6	16.9	17.8	16.5	16.9	17.2	17.6	18.4
x=12H y=6H	16.2	16.5	16.9	17.2	18.1	16.7	17.0	17.5	17.8	18.6
x=12H y=8H	16.4	16.6	17.1	17.4	18.3	16.8	17.1	17.6	17.9	18.8

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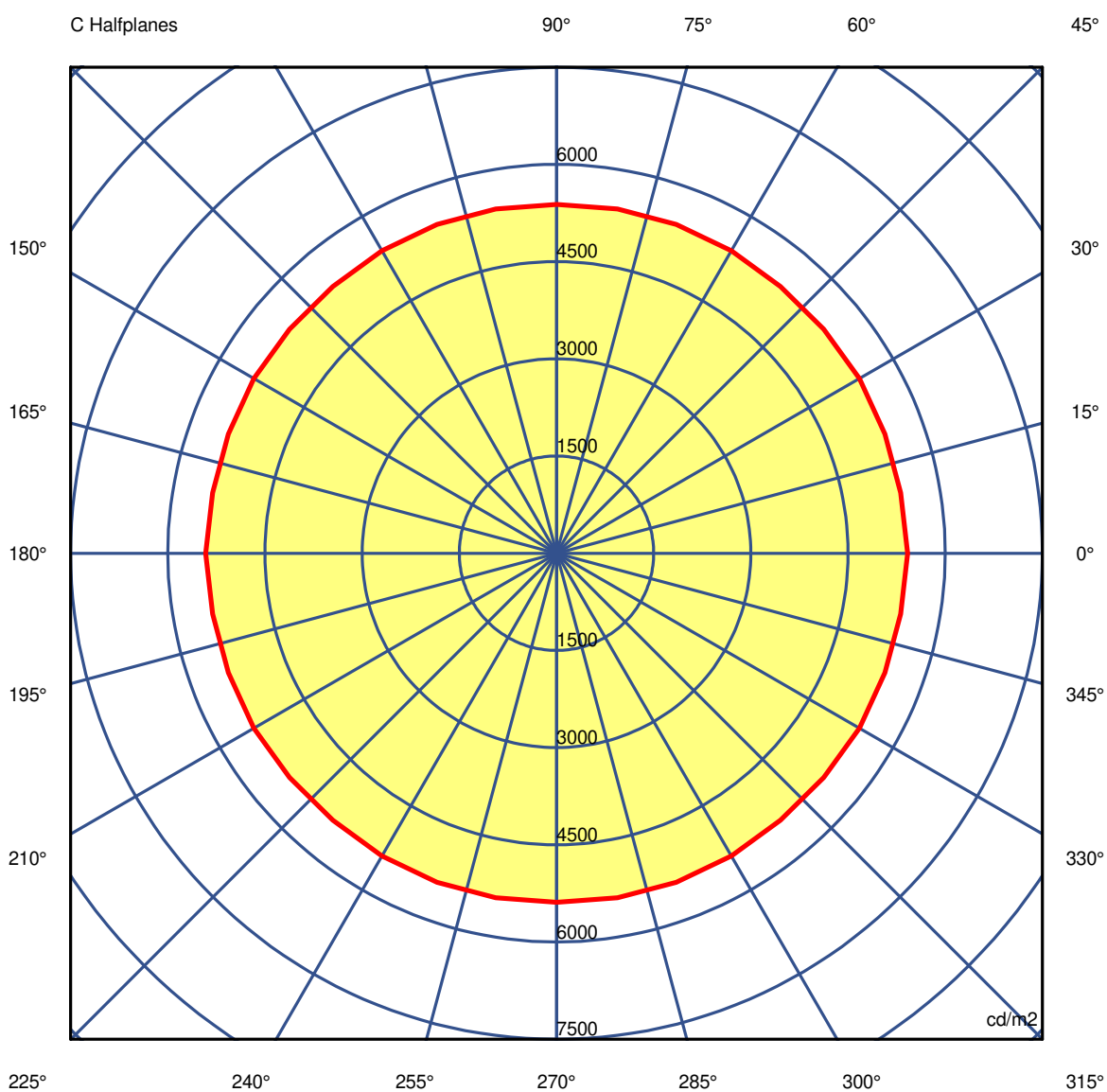
**Measurem.**

Code 4/8/2023

Name ROFY 60 D/I D0400 GCONTROL+ 830 LO

Luminaire Flux	2697 lm	Luminaire Power	22.1 W	Efficacy	121.990 lm/W	Efficiency	71.58%
Source Flux	3768 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	2697 lm		Luminaire Power		22.1 W		Efficacy		121.990 lm/W		Efficiency		71.58%	
Source Flux	3768 lm		Maximum value		263.20 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	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	
G 5.0	8509	8509	8512	8519	8520	8518	8516	8516	8514	8506	8514	8516	8516	
G 10.0	8259	8248	8247	8256	8263	8258	8249	8251	8251	8243	8251	8251	8249	
G 15.0	7967	7962	7961	7967	7982	7986	7980	7980	7976	7964	7976	7980	7980	
G 20.0	7657	7643	7642	7653	7670	7688	7698	7693	7677	7657	7677	7693	7698	
G 25.0	7317	7303	7303	7314	7325	7335	7339	7330	7318	7310	7318	7330	7339	
G 30.0	6945	6950	6953	6948	6934	6926	6925	6920	6919	6925	6919	6920	6925	
G 35.0	6526	6545	6550	6533	6501	6475	6466	6470	6483	6499	6483	6470	6466	
G 40.0	6035	6039	6036	6028	6016	5996	5975	5971	5984	6007	5984	5971	5975	
G 45.0	5416	5391	5390	5398	5383	5377	5391	5401	5398	5383	5398	5401	5391	
G 50.0	4446	4205	4171	4314	4412	4422	4422	4504	4518	4415	4518	4504	4422	
G 55.0	3195	2741	2649	2994	3488	3599	3455	3632	3626	3232	3626	3632	3455	
G 60.0	2194	2173	2102	2087	2413	2645	2683	2786	2625	2127	2625	2786	2683	
G 65.0	1620	1831	1796	1659	1807	2041	2196	2256	2049	1591	2049	2256	2196	
G 70.0	1444	1348	1375	1466	1441	1382	1455	1719	1753	1450	1753	1719	1455	
G 75.0	1126	1103	1110	1120	1082	1100	1207	1309	1246	1014	1246	1309	1207	
G 80.0	966	988	998	988	953	904	885	942	967	922	967	942	885	
G 85.0	770	668	676	735	675	565	511	557	614	636	614	557	511	
G 90.0	408	402	389	373	367	352	327	309	299	292	299	309	327	

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Luminaire Flux	2697 lm		Luminaire Power		22.1 W		Efficacy		121.990 lm/W		Efficiency		71.58%	
Source Flux	3768 lm		Maximum value		263.20 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	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745	
G 5.0	8518	8520	8519	8512	8509	8509	8509	8512	8519	8520	8518	8516	8516	
G 10.0	8258	8263	8256	8247	8248	8259	8248	8247	8256	8263	8258	8249	8251	
G 15.0	7986	7982	7967	7961	7962	7967	7962	7961	7967	7982	7986	7980	7980	
G 20.0	7688	7670	7653	7642	7643	7657	7643	7642	7653	7670	7688	7698	7693	
G 25.0	7335	7325	7314	7303	7303	7317	7303	7303	7314	7325	7335	7339	7330	
G 30.0	6926	6934	6948	6953	6950	6945	6950	6953	6948	6934	6926	6925	6920	
G 35.0	6475	6501	6533	6550	6545	6526	6545	6550	6533	6501	6475	6466	6470	
G 40.0	5996	6016	6028	6036	6039	6035	6039	6036	6028	6016	5996	5975	5971	
G 45.0	5377	5383	5398	5390	5391	5416	5391	5390	5398	5383	5377	5391	5401	
G 50.0	4422	4412	4314	4171	4205	4446	4205	4171	4314	4412	4422	4422	4504	
G 55.0	3599	3488	2994	2649	2741	3195	2741	2649	2994	3488	3599	3455	3632	
G 60.0	2645	2413	2087	2102	2173	2194	2173	2102	2087	2413	2645	2683	2786	
G 65.0	2041	1807	1659	1796	1831	1620	1831	1796	1659	1807	2041	2196	2256	
G 70.0	1382	1441	1466	1375	1348	1444	1348	1375	1466	1441	1382	1455	1719	
G 75.0	1100	1082	1120	1110	1103	1126	1103	1110	1120	1082	1100	1207	1309	
G 80.0	904	953	988	998	988	966	988	998	988	953	904	885	942	
G 85.0	565	675	735	676	668	770	668	676	735	675	565	511	557	
G 90.0	352	367	373	389	402	408	402	389	373	367	352	327	309	

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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	8745	8745	8745	8745	8745	8745	8745	8745	8745	8745
G 5.0	8514	8506	8514	8516	8516	8518	8520	8519	8512	8509
G 10.0	8251	8243	8251	8251	8249	8258	8263	8256	8247	8248
G 15.0	7976	7964	7976	7980	7980	7986	7982	7967	7961	7962
G 20.0	7677	7657	7677	7693	7698	7688	7670	7653	7642	7643
G 25.0	7318	7310	7318	7330	7339	7335	7325	7314	7303	7303
G 30.0	6919	6925	6919	6920	6925	6926	6934	6948	6953	6950
G 35.0	6483	6499	6483	6470	6466	6475	6501	6533	6550	6545
G 40.0	5984	6007	5984	5971	5975	5996	6016	6028	6036	6039
G 45.0	5398	5383	5398	5401	5391	5377	5383	5398	5390	5391
G 50.0	4518	4415	4518	4504	4422	4422	4412	4314	4171	4205
G 55.0	3626	3232	3626	3632	3455	3599	3488	2994	2649	2741
G 60.0	2625	2127	2625	2786	2683	2645	2413	2087	2102	2173
G 65.0	2049	1591	2049	2256	2196	2041	1807	1659	1796	1831
G 70.0	1753	1450	1753	1719	1455	1382	1441	1466	1375	1348
G 75.0	1246	1014	1246	1309	1207	1100	1082	1120	1110	1103
G 80.0	967	922	967	942	885	904	953	988	998	988
G 85.0	614	636	614	557	511	565	675	735	676	668
G 90.0	299	292	299	309	327	352	367	373	389	402