

Luminaire

Code 90588L900

Name ROFY 60 D/I D0900 GCONTROL+ 830 LO

Measurem.

Code 4/8/2023

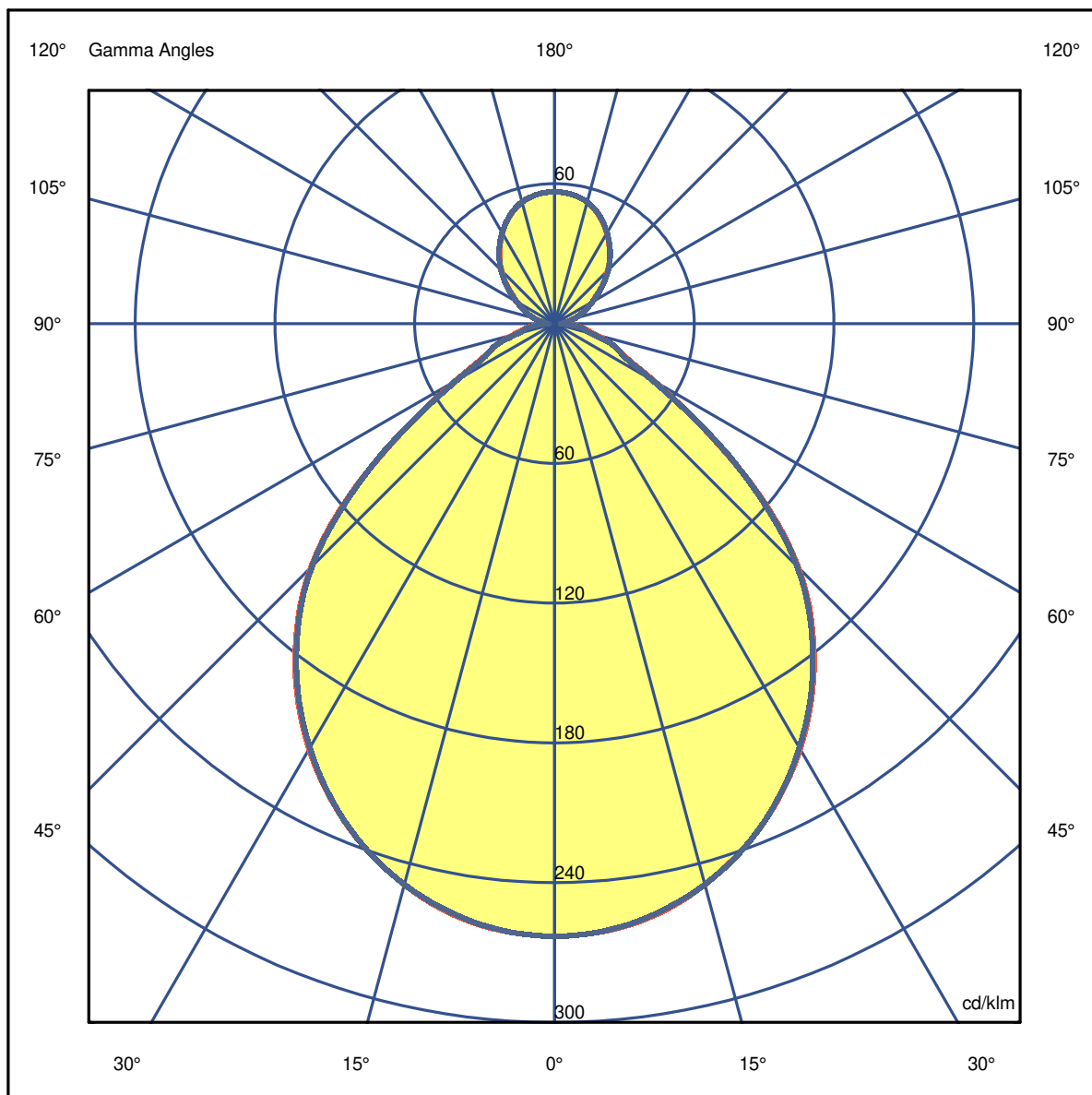
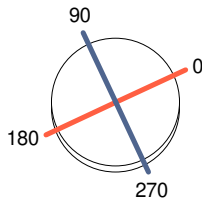
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Luminaire Flux	8908 lm	Luminaire Power	67.7 W	Efficacy	131.497 lm/W	Efficiency	71.58%
Source Flux	12444 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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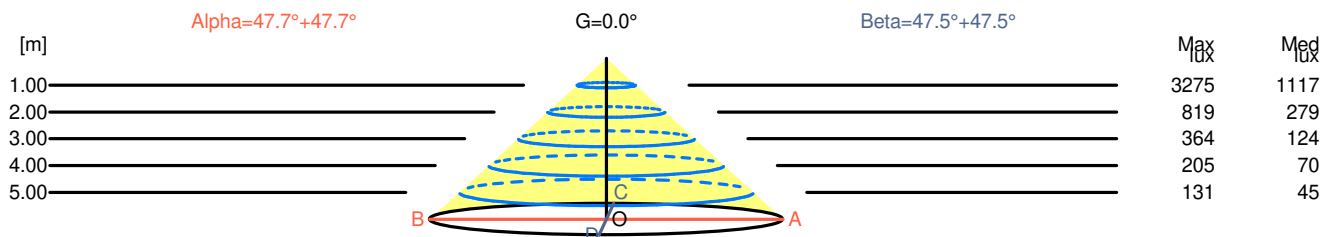
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Width at 50.00 % of Max Intensity

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	3275.26	3254.11	3102.29	2813.59	2401.69	1842.96	965.65	413.14	225.24	107.02
OB	3275.26	3254.11	3102.29	2813.59	2401.69	1842.96	965.65	413.14	225.24	107.02
OC	3275.26	3252.86	3101.04	2811.10	2391.74	1831.76	976.85	405.67	202.84	88.35
OD	3275.26	3252.86	3101.04	2811.10	2391.74	1831.76	976.85	405.67	202.84	88.35



H[m]	D[m]	Max lux	Med lux	Alpha=47.7°+47.7°	G=0.0	
1.00	2.20	3275	1117			
2.00	4.39	819	279			
3.00	6.59	364	124			
4.00	8.78	205	70			
5.00	10.98	131	45			

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0	
1.00	2.18	3275	1117			
2.00	4.37	819	279			
3.00	6.55	364	124			
4.00	8.73	205	70			
5.00	10.92	131	45			

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Source Flux	12444 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	Lateral View					Viewed Endwise				
x=2H y=2H	13.7	14.7	14.3	15.2	15.8	14.4	15.3	14.9	15.8	16.4
x=2H y=3H	14.2	15.0	14.8	15.6	16.3	15.0	15.8	15.6	16.4	17.0
x=2H y=4H	14.4	15.2	15.0	15.7	16.4	15.1	15.9	15.7	16.5	17.2
x=2H y=6H	14.5	15.3	15.2	15.9	16.6	15.3	16.0	15.9	16.6	17.3
x=2H y=8H	14.6	15.3	15.3	16.0	16.7	15.3	16.0	16.0	16.6	17.3
x=2H y=12H	14.7	15.4	15.3	16.0	16.7	15.3	16.0	16.0	16.6	17.4
x=4H y=2H	13.9	14.7	14.5	15.3	16.0	14.5	15.3	15.1	15.9	16.5
x=4H y=3H	14.6	15.2	15.2	15.8	16.6	15.2	15.9	15.9	16.5	17.3
x=4H y=4H	14.9	15.4	15.5	16.1	16.8	15.6	16.1	16.2	16.8	17.5
x=4H y=6H	15.1	15.7	15.9	16.3	17.1	15.8	16.3	16.5	17.0	17.7
x=4H y=8H	15.3	15.7	16.0	16.4	17.2	15.9	16.3	16.6	17.0	17.8
x=4H y=12H	15.4	15.8	16.1	16.5	17.3	15.9	16.3	16.6	17.0	17.9
x=8H y=4H	14.9	15.4	15.6	16.1	16.9	15.6	16.0	16.3	16.7	17.5
x=8H y=6H	15.3	15.7	16.1	16.4	17.3	15.9	16.2	16.6	17.0	17.8
x=8H y=8H	15.5	15.9	16.3	16.6	17.5	16.0	16.3	16.8	17.1	17.9
x=8H y=12H	15.7	16.0	16.5	16.7	17.6	16.1	16.4	16.9	17.1	18.0
x=12H y=4H	14.9	15.3	15.6	16.0	16.8	15.5	16.0	16.3	16.7	17.5
x=12H y=6H	15.3	15.7	16.1	16.4	17.3	15.9	16.2	16.6	16.9	17.8
x=12H y=8H	15.6	15.9	16.4	16.6	17.5	16.0	16.3	16.8	17.1	18.0

Luminaire

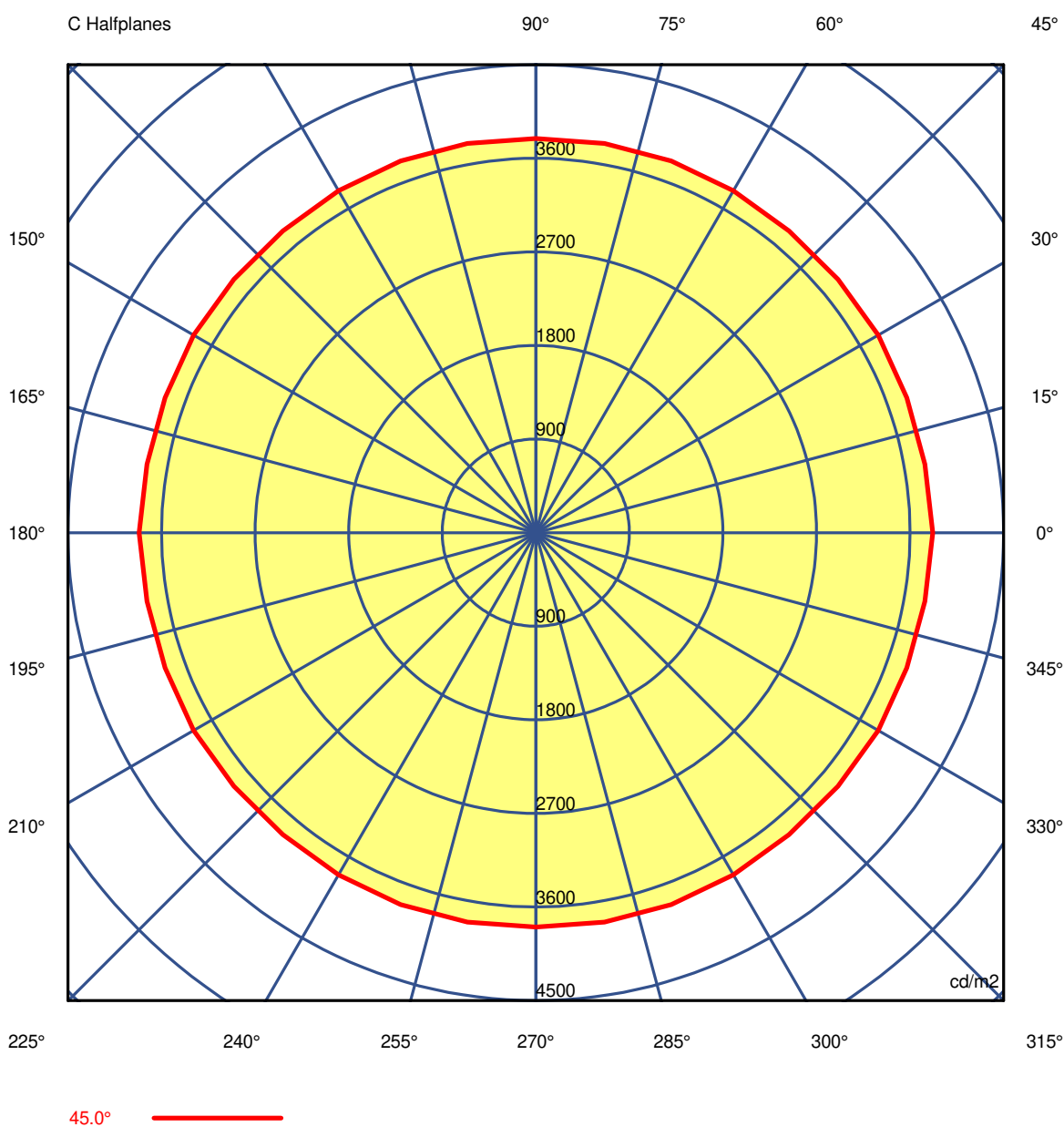
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Source Flux	12444 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	8908 lm		Luminaire Power		67.7 W		Efficacy		131.497 lm/W		Efficiency		71.58%	
Source Flux	12444 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	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	
G 5.0	5314	5314	5315	5320	5320	5319	5318	5318	5316	5312	5316	5318	5318	
G 10.0	5228	5221	5221	5226	5230	5228	5222	5223	5223	5218	5223	5223	5222	
G 15.0	5112	5109	5108	5112	5122	5124	5120	5120	5118	5110	5118	5120	5120	
G 20.0	4981	4972	4971	4979	4990	5001	5008	5004	4994	4981	4994	5004	5008	
G 25.0	4827	4818	4818	4825	4832	4839	4842	4836	4828	4823	4828	4836	4842	
G 30.0	4650	4653	4655	4652	4643	4637	4637	4633	4633	4637	4633	4633	4637	
G 35.0	4438	4451	4454	4443	4421	4403	4397	4400	4409	4420	4409	4400	4397	
G 40.0	4174	4176	4175	4169	4161	4147	4133	4130	4138	4154	4138	4130	4133	
G 45.0	3816	3799	3797	3803	3792	3788	3798	3805	3803	3793	3803	3805	3798	
G 50.0	3198	3025	3001	3104	3174	3181	3181	3240	3250	3176	3250	3240	3181	
G 55.0	2355	2020	1952	2206	2570	2652	2546	2677	2672	2382	2672	2677	2546	
G 60.0	1663	1647	1593	1582	1829	2005	2034	2112	1990	1612	1990	2112	2034	
G 65.0	1272	1438	1410	1303	1419	1602	1724	1771	1608	1249	1608	1771	1724	
G 70.0	1185	1106	1128	1203	1182	1134	1194	1411	1438	1189	1438	1411	1194	
G 75.0	981	960	967	975	942	958	1051	1140	1085	883	1085	1140	1051	
G 80.0	916	937	947	937	904	857	840	893	917	875	917	893	840	
G 85.0	839	728	737	800	735	615	556	607	669	693	669	607	556	
G 90.0	582	574	554	532	523	502	466	441	426	416	426	441	466	

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Source Flux	12444 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	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385
G 5.0	5319	5320	5320	5315	5314	5314	5314	5315	5320	5320	5319	5318	5318
G 10.0	5228	5230	5226	5221	5221	5228	5221	5221	5226	5230	5228	5222	5223
G 15.0	5124	5122	5112	5108	5109	5112	5109	5108	5112	5122	5124	5120	5120
G 20.0	5001	4990	4979	4971	4972	4981	4972	4971	4979	4990	5001	5008	5004
G 25.0	4839	4832	4825	4818	4818	4827	4818	4818	4825	4832	4839	4842	4836
G 30.0	4637	4643	4652	4655	4653	4650	4653	4655	4652	4643	4637	4637	4633
G 35.0	4403	4421	4443	4454	4451	4438	4451	4454	4443	4421	4403	4397	4400
G 40.0	4147	4161	4169	4175	4176	4174	4176	4175	4169	4161	4147	4133	4130
G 45.0	3788	3792	3803	3797	3799	3816	3799	3797	3803	3792	3788	3798	3805
G 50.0	3181	3174	3104	3001	3025	3198	3025	3001	3104	3174	3181	3181	3240
G 55.0	2652	2570	2206	1952	2020	2355	2020	1952	2206	2570	2652	2546	2677
G 60.0	2005	1829	1582	1593	1647	1663	1647	1593	1582	1829	2005	2034	2112
G 65.0	1602	1419	1303	1410	1438	1272	1438	1410	1303	1419	1602	1724	1771
G 70.0	1134	1182	1203	1128	1106	1185	1106	1128	1203	1182	1134	1194	1411
G 75.0	958	942	975	967	960	981	960	967	975	942	958	1051	1140
G 80.0	857	904	937	947	937	916	937	947	937	904	857	840	893
G 85.0	615	735	800	737	728	839	728	737	800	735	615	556	607
G 90.0	502	523	532	554	574	582	574	554	532	523	502	466	441

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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	5385	5385	5385	5385	5385	5385	5385	5385	5385	5385
G 5.0	5316	5312	5316	5318	5318	5319	5320	5320	5315	5314
G 10.0	5223	5218	5223	5223	5222	5228	5230	5226	5221	5221
G 15.0	5118	5110	5118	5120	5120	5124	5122	5112	5108	5109
G 20.0	4994	4981	4994	5004	5008	5001	4990	4979	4971	4972
G 25.0	4828	4823	4828	4836	4842	4839	4832	4825	4818	4818
G 30.0	4633	4637	4633	4633	4637	4637	4643	4652	4655	4653
G 35.0	4409	4420	4409	4400	4397	4403	4421	4443	4454	4451
G 40.0	4138	4154	4138	4130	4133	4147	4161	4169	4175	4176
G 45.0	3803	3793	3803	3805	3798	3788	3792	3803	3797	3799
G 50.0	3250	3176	3250	3240	3181	3181	3174	3104	3001	3025
G 55.0	2672	2382	2672	2677	2546	2652	2570	2206	1952	2020
G 60.0	1990	1612	1990	2112	2034	2005	1829	1582	1593	1647
G 65.0	1608	1249	1608	1771	1724	1602	1419	1303	1410	1438
G 70.0	1438	1189	1438	1411	1194	1134	1182	1203	1128	1106
G 75.0	1085	883	1085	1140	1051	958	942	975	967	960
G 80.0	917	875	917	893	840	857	904	937	947	937
G 85.0	669	693	669	607	556	615	735	800	737	728
G 90.0	426	416	426	441	466	502	523	532	554	574