

Luminaire

Code 90583L115
Name ROFY 60 D1150 GCONTROL+ 840 HO

Measurem.

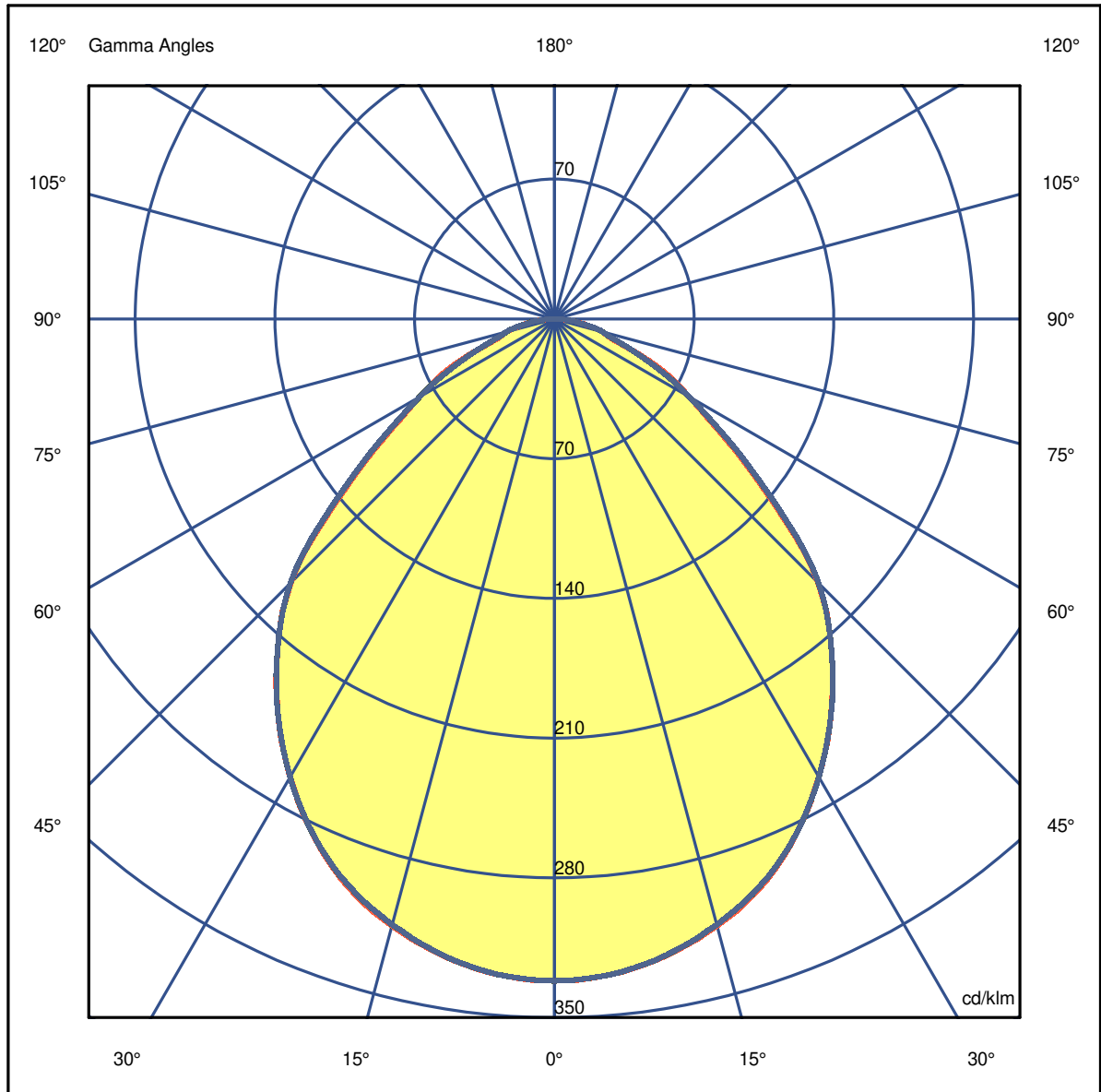
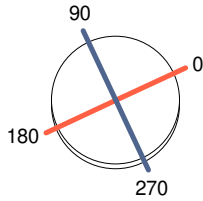
Code 4/8/2023
Name ROFY 60 D1150 GCONTROL+ 840 HO

Luminaire Flux	14459 lm	Luminaire Power	106.6 W	Efficacy	135.626 lm/W	Efficiency	72.14%
Source Flux	20044 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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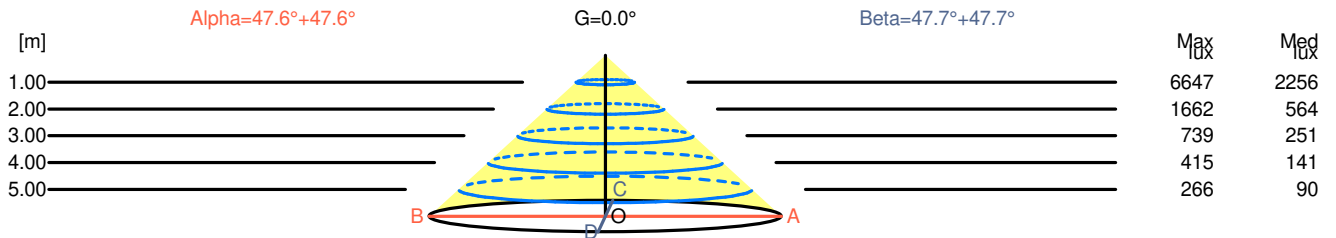
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Width at 50.00 % of Max Intensity

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	1.09	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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6646.59	6606.50	6305.84	5724.57	4840.63	3742.21	2106.62	1150.53	497.09	142.31
OB	6646.59	6606.50	6305.84	5724.57	4840.63	3742.21	2106.62	1150.53	497.09	142.31
OC	6646.59	6604.50	6297.82	5720.56	4842.63	3752.24	2140.70	1096.41	501.10	138.30
OD	6646.59	6604.50	6297.82	5720.56	4842.63	3752.24	2140.70	1096.41	501.10	138.30



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	6647	2256			
2.00	4.38	1662	564			
3.00	6.57	739	251			
4.00	8.76	415	141			
5.00	10.95	266	90			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	6647	2256			
2.00	4.40	1662	564			
3.00	6.60	739	251			
4.00	8.79	415	141			
5.00	10.99	266	90			

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Source Flux	20044 lm	Maximum value	331.60 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	16.3	17.5	16.6	17.7	17.9	16.3	17.5	16.6	17.7	17.9
x=2H y=3H	17.0	18.0	17.3	18.3	18.5	17.0	18.0	17.3	18.2	18.5
x=2H y=4H	17.2	18.2	17.5	18.5	18.7	17.2	18.1	17.5	18.4	18.7
x=2H y=6H	17.4	18.3	17.7	18.6	18.9	17.4	18.3	17.7	18.6	18.9
x=2H y=8H	17.4	18.3	17.8	18.6	18.9	17.4	18.3	17.8	18.6	18.9
x=2H y=12H	17.5	18.3	17.8	18.6	18.9	17.4	18.3	17.8	18.6	18.9
x=4H y=2H	16.5	17.4	16.8	17.7	18.0	16.5	17.4	16.8	17.7	18.0
x=4H y=3H	17.3	18.1	17.7	18.4	18.8	17.3	18.1	17.6	18.4	18.7
x=4H y=4H	17.6	18.4	18.0	18.7	19.1	17.6	18.3	18.0	18.7	19.0
x=4H y=6H	18.0	18.6	18.4	19.0	19.4	17.9	18.6	18.4	18.9	19.3
x=4H y=8H	18.1	18.6	18.5	19.0	19.4	18.0	18.6	18.5	19.0	19.4
x=4H y=12H	18.1	18.6	18.5	19.0	19.5	18.1	18.6	18.5	19.0	19.4
x=8H y=4H	17.7	18.3	18.2	18.7	19.1	17.7	18.3	18.2	18.7	19.1
x=8H y=6H	18.2	18.6	18.6	19.1	19.5	18.2	18.6	18.6	19.1	19.5
x=8H y=8H	18.3	18.7	18.8	19.2	19.7	18.3	18.7	18.8	19.2	19.7
x=8H y=12H	18.5	18.8	18.9	19.3	19.8	18.4	18.8	18.9	19.3	19.8
x=12H y=4H	17.7	18.3	18.2	18.7	19.1	17.7	18.2	18.2	18.6	19.1
x=12H y=6H	18.2	18.6	18.7	19.1	19.5	18.2	18.6	18.7	19.0	19.5
x=12H y=8H	18.4	18.8	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.7

Luminaire

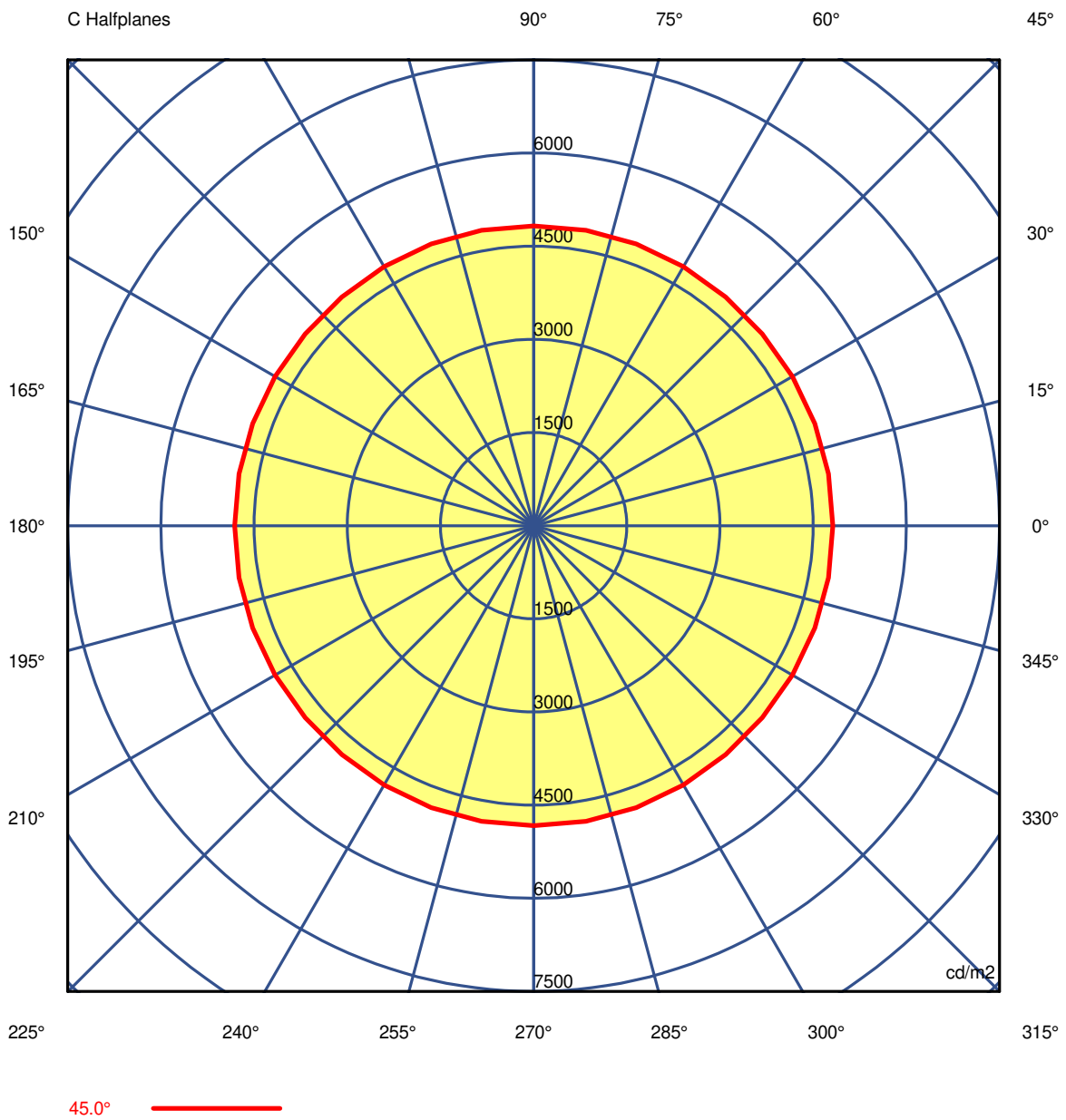
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Source Flux	20044 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	14459 lm	Luminaire Power	106.6 W	Efficacy	135.626 lm/W	Efficiency	72.14%
Source Flux	20044 lm	Maximum value	331.60 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	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628
G 5.0	6558	6554	6555	6558	6558	6557	6556	6554	6554	6556	6554	6554	6556
G 10.0	6460	6460	6459	6456	6456	6455	6452	6453	6455	6456	6455	6453	6452
G 15.0	6347	6344	6340	6335	6331	6330	6331	6333	6336	6339	6336	6333	6331
G 20.0	6221	6211	6199	6186	6177	6173	6176	6188	6199	6203	6199	6188	6176
G 25.0	6029	6021	6016	6012	6006	6002	6004	6012	6020	6025	6020	6012	6004
G 30.0	5795	5791	5793	5802	5816	5818	5806	5796	5793	5793	5793	5796	5806
G 35.0	5522	5525	5534	5554	5569	5572	5561	5538	5527	5524	5527	5538	5561
G 40.0	5214	5218	5226	5238	5252	5253	5243	5233	5223	5209	5223	5233	5243
G 45.0	4816	4816	4814	4808	4805	4809	4818	4828	4832	4829	4832	4828	4818
G 50.0	4002	4084	4129	4072	3896	3892	4066	4134	4109	4055	4109	4134	4066
G 55.0	3222	3461	3352	2946	2636	2610	2897	3347	3500	3274	3500	3347	2897
G 60.0	2667	2661	2464	2071	2123	2149	2146	2488	2659	2671	2659	2488	2146
G 65.0	2252	2194	1998	1711	1835	1865	1758	1969	2112	2146	2112	1969	1758
G 70.0	1545	1688	1725	1628	1478	1465	1591	1678	1677	1615	1677	1678	1591
G 75.0	1411	1461	1389	1274	1303	1305	1274	1375	1448	1422	1448	1375	1274
G 80.0	1111	1172	1227	1253	1230	1232	1260	1246	1194	1126	1194	1246	1260
G 85.0	777	882	972	985	882	879	974	953	859	755	859	953	974
G 90.0	167	167	167	167	167	167	167	167	167	167	167	167	167

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Source Flux	20044 lm	Maximum value	331.60 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	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628
G 5.0	6557	6558	6558	6555	6554	6558	6554	6555	6558	6558	6557	6556	6554
G 10.0	6455	6456	6456	6459	6460	6460	6460	6459	6456	6456	6455	6452	6453
G 15.0	6330	6331	6335	6340	6344	6347	6344	6340	6335	6331	6330	6331	6333
G 20.0	6173	6177	6186	6199	6211	6221	6211	6199	6186	6177	6173	6176	6188
G 25.0	6002	6006	6012	6016	6021	6029	6021	6016	6012	6006	6002	6004	6012
G 30.0	5818	5816	5802	5793	5791	5795	5791	5793	5802	5816	5818	5806	5796
G 35.0	5572	5569	5554	5534	5525	5522	5525	5534	5554	5569	5572	5561	5538
G 40.0	5253	5252	5238	5226	5218	5214	5218	5226	5238	5252	5253	5243	5233
G 45.0	4809	4805	4808	4814	4816	4816	4816	4814	4808	4805	4809	4818	4828
G 50.0	3892	3896	4072	4129	4084	4002	4084	4129	4072	3896	3892	4066	4134
G 55.0	2610	2636	2946	3352	3461	3222	3461	3352	2946	2636	2610	2897	3347
G 60.0	2149	2123	2071	2464	2661	2667	2661	2464	2071	2123	2149	2146	2488
G 65.0	1865	1835	1711	1998	2194	2252	2194	1998	1711	1835	1865	1758	1969
G 70.0	1465	1478	1628	1725	1688	1545	1688	1725	1628	1478	1465	1591	1678
G 75.0	1305	1303	1274	1389	1461	1411	1461	1389	1274	1303	1305	1274	1375
G 80.0	1232	1230	1253	1227	1172	1111	1172	1227	1253	1230	1232	1260	1246
G 85.0	879	882	985	972	882	777	882	972	985	882	879	974	953
G 90.0	167	167	167	167	167	167	167	167	167	167	167	167	167

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Source Flux	20044 lm	Maximum value	331.60 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	6628	6628	6628	6628	6628	6628	6628	6628	6628	6628
G 5.0	6554	6556	6554	6554	6556	6557	6558	6558	6555	6554
G 10.0	6455	6456	6455	6453	6452	6455	6456	6456	6459	6460
G 15.0	6336	6339	6336	6333	6331	6330	6331	6335	6340	6344
G 20.0	6199	6203	6199	6188	6176	6173	6177	6186	6199	6211
G 25.0	6020	6025	6020	6012	6004	6002	6006	6012	6016	6021
G 30.0	5793	5793	5793	5796	5806	5818	5816	5802	5793	5791
G 35.0	5527	5524	5527	5538	5561	5572	5569	5554	5534	5525
G 40.0	5223	5209	5223	5233	5243	5253	5252	5238	5226	5218
G 45.0	4832	4829	4832	4828	4818	4809	4805	4808	4814	4816
G 50.0	4109	4055	4109	4134	4066	3892	3896	4072	4129	4084
G 55.0	3500	3274	3500	3347	2897	2610	2636	2946	3352	3461
G 60.0	2659	2671	2659	2488	2146	2149	2123	2071	2464	2661
G 65.0	2112	2146	2112	1969	1758	1865	1835	1711	1998	2194
G 70.0	1677	1615	1677	1678	1591	1465	1478	1628	1725	1688
G 75.0	1448	1422	1448	1375	1274	1305	1303	1274	1389	1461
G 80.0	1194	1126	1194	1246	1260	1232	1230	1253	1227	1172
G 85.0	859	755	859	953	974	879	882	985	972	882
G 90.0	167	167	167	167	167	167	167	167	167	167