

Luminaire

Code 90583L300
 Name ROFY 60 D0300 GCONTROL+ 830 HO

Measurem.

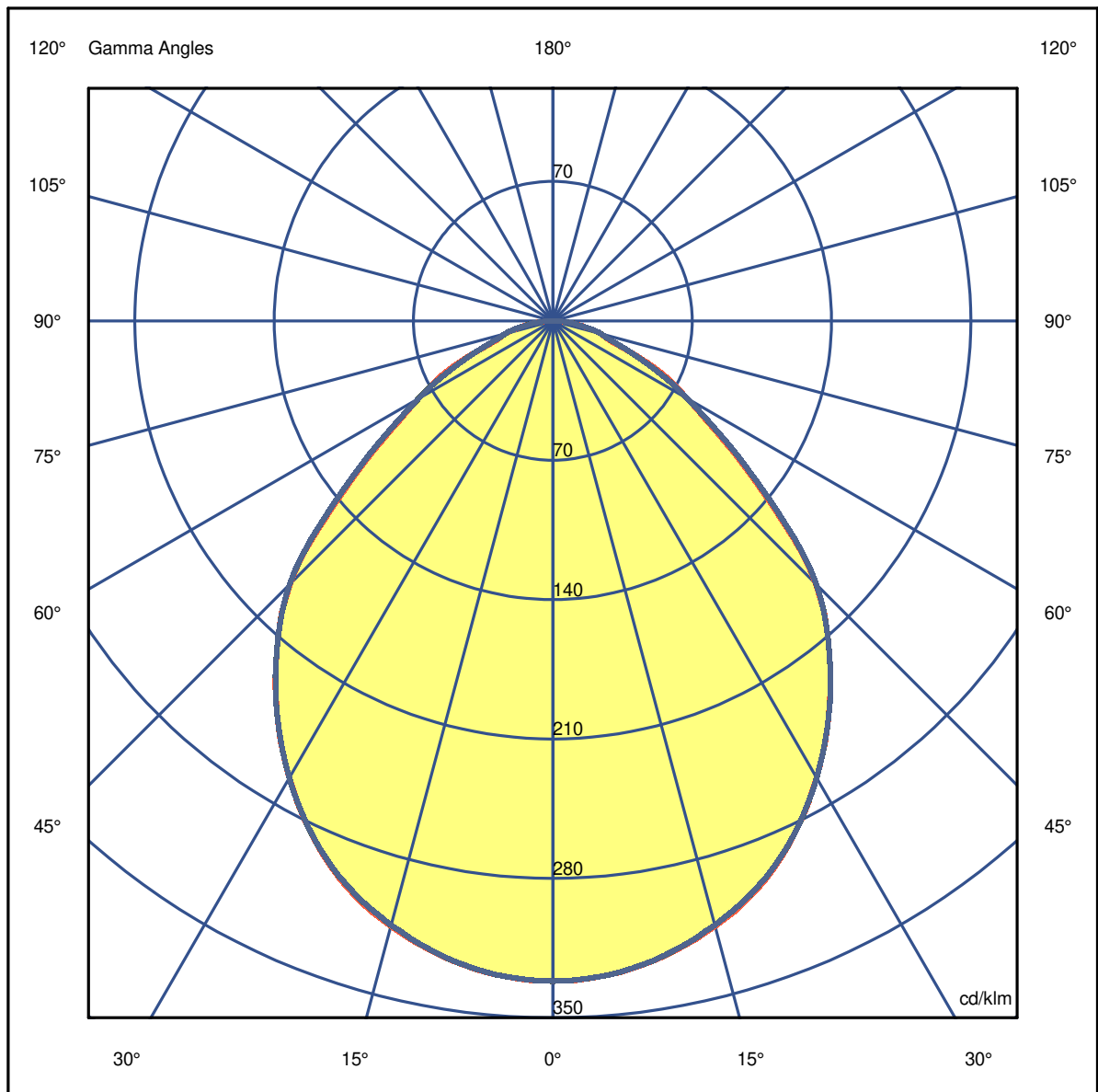
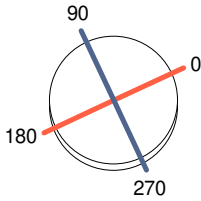
Code 4/8/2023
 Name ROFY 60 D0300 GCONTROL+ 830 HO

Luminaire Flux	1862 lm	Luminaire Power	15.8 W	Efficacy	117.988 lm/W	Efficiency	72.14%
Source Flux	2581 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=300mm

C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



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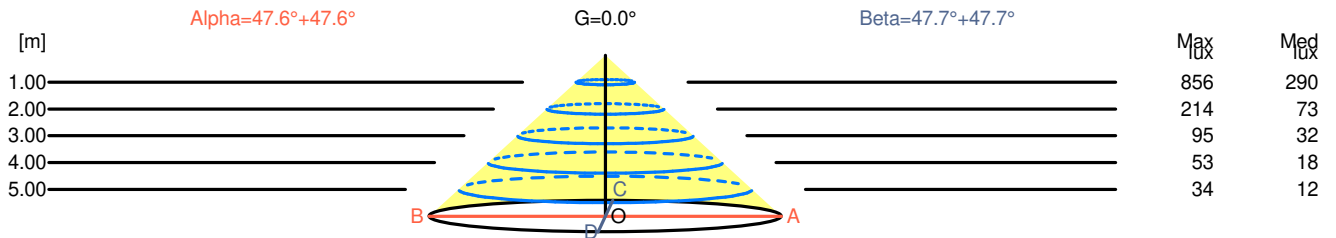
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Width at 50.00 % of Max Intensity

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	855.86	850.70	811.98	737.13	623.31	481.87	271.26	148.15	64.01	18.33
OB	855.86	850.70	811.98	737.13	623.31	481.87	271.26	148.15	64.01	18.33
OC	855.86	850.44	810.95	736.62	623.57	483.16	275.65	141.18	64.53	17.81
OD	855.86	850.44	810.95	736.62	623.57	483.16	275.65	141.18	64.53	17.81



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0
1.00	2.19	856	290		
2.00	4.38	214	73		
3.00	6.57	95	32		
4.00	8.76	53	18		
5.00	10.95	34	12		

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0
1.00	2.20	856	290		
2.00	4.40	214	73		
3.00	6.60	95	32		
4.00	8.79	53	18		
5.00	10.99	34	12		

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Source Flux	2581 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	17.9	19.0	18.2	19.3	19.5	17.9	19.1	18.2	19.3	19.5
x=2H y=3H	18.4	19.5	18.8	19.7	20.0	18.4	19.5	18.7	19.7	20.0
x=2H y=4H	18.6	19.6	18.9	19.9	20.1	18.6	19.5	18.9	19.8	20.1
x=2H y=6H	18.7	19.6	19.1	19.9	20.2	18.7	19.6	19.1	19.9	20.2
x=2H y=8H	18.7	19.6	19.1	19.9	20.2	18.7	19.6	19.1	19.9	20.2
x=2H y=12H	18.7	19.6	19.1	19.9	20.2	18.7	19.5	19.1	19.9	20.2
x=4H y=2H	18.0	19.0	18.3	19.3	19.5	18.0	19.0	18.4	19.3	19.6
x=4H y=3H	18.7	19.5	19.1	19.9	20.2	18.7	19.5	19.1	19.8	20.2
x=4H y=4H	19.0	19.7	19.4	20.0	20.4	19.0	19.7	19.3	20.0	20.4
x=4H y=6H	19.2	19.8	19.6	20.2	20.6	19.2	19.8	19.6	20.2	20.6
x=4H y=8H	19.2	19.8	19.7	20.2	20.6	19.2	19.8	19.7	20.2	20.6
x=4H y=12H	19.3	19.8	19.7	20.2	20.6	19.2	19.8	19.7	20.2	20.6
x=8H y=4H	19.0	19.6	19.5	20.0	20.4	19.0	19.6	19.4	20.0	20.4
x=8H y=6H	19.3	19.8	19.8	20.2	20.7	19.3	19.8	19.8	20.2	20.6
x=8H y=8H	19.4	19.8	19.9	20.3	20.8	19.4	19.8	19.9	20.3	20.7
x=8H y=12H	19.5	19.8	20.0	20.3	20.8	19.5	19.8	20.0	20.3	20.8
x=12H y=4H	19.0	19.5	19.5	19.9	20.4	19.0	19.5	19.4	19.9	20.3
x=12H y=6H	19.3	19.7	19.8	20.2	20.7	19.3	19.7	19.8	20.2	20.7
x=12H y=8H	19.5	19.8	19.9	20.3	20.8	19.4	19.8	19.9	20.3	20.8

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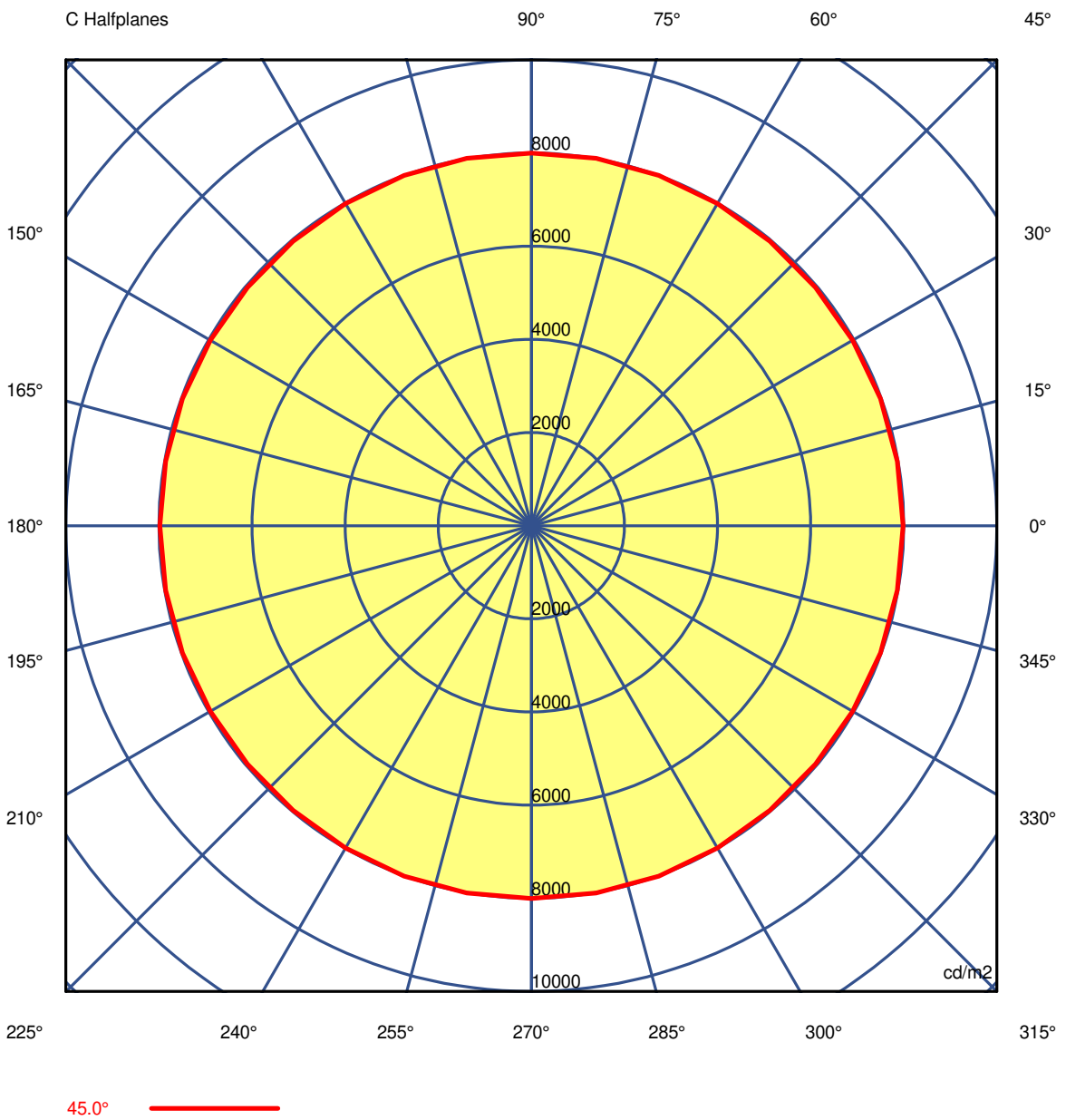
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Luminance



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Source Flux	2581 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	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899
G 5.0	13415	13407	13408	13415	13416	13414	13411	13407	13407	13411	13407	13407	13411
G 10.0	12899	12899	12896	12891	12891	12888	12883	12884	12888	12891	12888	12884	12883
G 15.0	12371	12367	12358	12347	12341	12338	12339	12344	12350	12355	12350	12344	12339
G 20.0	11837	11817	11794	11771	11753	11744	11751	11775	11794	11802	11794	11775	11751
G 25.0	11192	11178	11168	11160	11149	11142	11145	11160	11175	11184	11175	11160	11145
G 30.0	10486	10479	10481	10498	10523	10527	10506	10487	10482	10482	10482	10487	10506
G 35.0	9725	9731	9747	9782	9808	9814	9794	9754	9735	9730	9735	9754	9794
G 40.0	8920	8927	8940	8962	8985	8988	8970	8954	8935	8912	8935	8954	8970
G 45.0	7982	7982	7979	7969	7964	7970	7986	8003	8009	8003	8009	8003	7986
G 50.0	6402	6533	6606	6514	6232	6226	6505	6613	6574	6487	6574	6613	6505
G 55.0	4949	5317	5150	4525	4050	4009	4450	5141	5376	5029	5376	5141	4450
G 60.0	3907	3897	3608	3033	3110	3147	3143	3644	3895	3912	3895	3644	3143
G 65.0	3113	3033	2761	2364	2536	2578	2430	2721	2919	2966	2919	2721	2430
G 70.0	1985	2169	2217	2092	1899	1882	2045	2156	2155	2074	2155	2166	2045
G 75.0	1644	1703	1619	1485	1518	1521	1485	1603	1688	1658	1688	1603	1485
G 80.0	1127	1188	1244	1270	1247	1249	1278	1263	1211	1142	1211	1263	1278
G 85.0	630	715	788	799	715	712	790	773	697	612	697	773	790
G 90.0	87	87	87	87	87	87	87	87	87	87	87	87	87

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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	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899
G 5.0	13414	13416	13415	13408	13407	13415	13407	13408	13415	13416	13414	13411	13407
G 10.0	12888	12891	12891	12896	12899	12899	12899	12896	12891	12891	12888	12883	12884
G 15.0	12338	12341	12347	12358	12367	12371	12367	12358	12347	12341	12338	12339	12344
G 20.0	11744	11753	11771	11794	11817	11837	11817	11794	11771	11753	11744	11751	11775
G 25.0	11142	11149	11160	11168	11178	11192	11178	11168	11160	11149	11142	11145	11160
G 30.0	10527	10523	10498	10481	10479	10486	10479	10481	10498	10523	10527	10506	10487
G 35.0	9814	9808	9782	9747	9731	9725	9731	9747	9782	9808	9814	9794	9754
G 40.0	8988	8985	8962	8940	8927	8920	8927	8940	8962	8985	8988	8970	8954
G 45.0	7970	7964	7969	7979	7982	7982	7982	7979	7969	7964	7970	7986	8003
G 50.0	6226	6232	6514	6606	6533	6402	6533	6606	6514	6232	6226	6505	6613
G 55.0	4009	4050	4525	5150	5317	4949	5317	5150	4525	4050	4009	4450	5141
G 60.0	3147	3110	3033	3608	3897	3907	3897	3608	3033	3110	3147	3143	3644
G 65.0	2578	2536	2364	2761	3033	3113	3033	2761	2364	2536	2578	2430	2721
G 70.0	1882	1899	2092	2217	2169	1985	2169	2092	1899	1882	1882	2045	2156
G 75.0	1521	1518	1485	1619	1703	1644	1703	1619	1485	1518	1521	1485	1603
G 80.0	1249	1247	1270	1244	1188	1127	1188	1244	1270	1247	1249	1278	1263
G 85.0	712	715	799	788	715	630	715	788	799	715	712	790	773
G 90.0	87	87	87	87	87	87	87	87	87	87	87	87	87

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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	13899	13899	13899	13899	13899	13899	13899	13899	13899	13899
G 5.0	13407	13411	13407	13407	13411	13414	13416	13415	13408	13407
G 10.0	12888	12891	12888	12884	12883	12888	12891	12891	12896	12899
G 15.0	12350	12355	12350	12344	12339	12338	12341	12347	12358	12367
G 20.0	11794	11802	11794	11775	11751	11744	11753	11771	11794	11817
G 25.0	11175	11184	11175	11160	11145	11142	11149	11160	11168	11178
G 30.0	10482	10482	10482	10487	10506	10527	10523	10498	10481	10479
G 35.0	9735	9730	9735	9754	9794	9814	9808	9782	9747	9731
G 40.0	8935	8912	8935	8954	8970	8988	8985	8962	8940	8927
G 45.0	8009	8003	8009	8003	7986	7970	7964	7969	7979	7982
G 50.0	6574	6487	6574	6613	6505	6226	6232	6514	6606	6533
G 55.0	5376	5029	5376	5141	4450	4009	4050	4525	5150	5317
G 60.0	3895	3912	3895	3644	3143	3147	3110	3033	3608	3897
G 65.0	2919	2966	2919	2721	2430	2578	2536	2364	2761	3033
G 70.0	2155	2074	2155	2156	2045	1882	1899	2092	2217	2169
G 75.0	1688	1658	1688	1603	1485	1521	1518	1485	1619	1703
G 80.0	1211	1142	1211	1263	1278	1249	1247	1270	1244	1188
G 85.0	697	612	697	773	790	712	715	799	788	715
G 90.0	87	87	87	87	87	87	87	87	87	87