

Luminaire

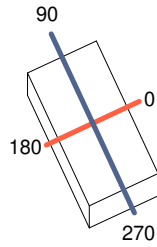
Code 90718L552
Name ROFY 60 SQ L0550W286 GCONTROL+ 830 HO

Measurment.

Code 9/8/2023
Name ROFY 60 SQ L0550W286 GCONTROL+ 830 HO

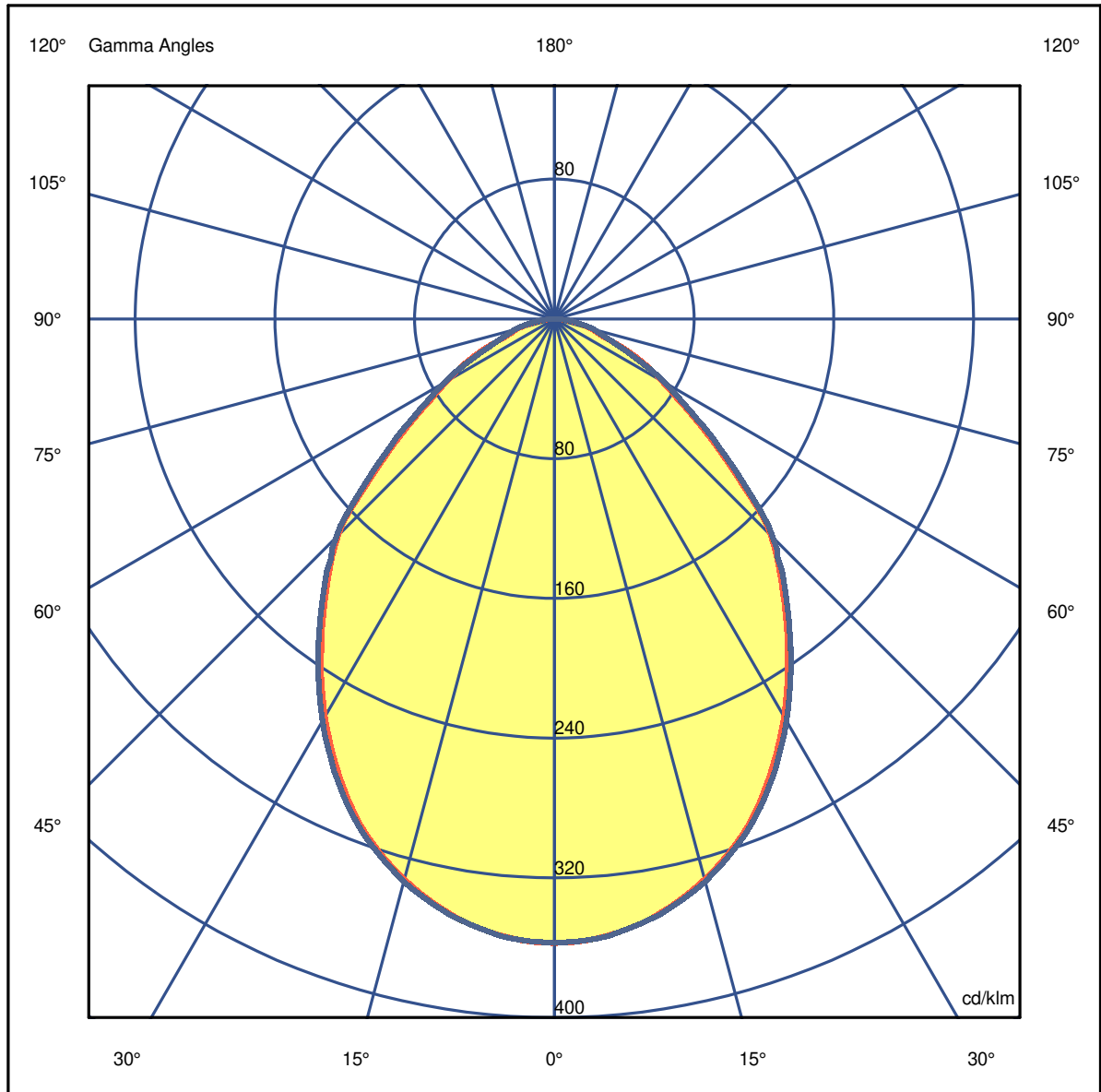
Luminaire Flux	2806 lm	Luminaire Power	24.9 W	Efficacy	112.881 lm/W	Efficiency	70.54%
Source Flux	3978 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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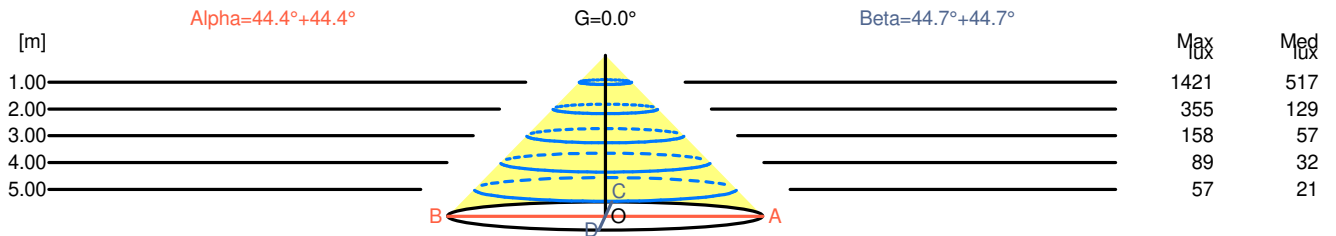
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Width at 50.00 % of Max Intensity

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	0.98	1.96	2.94	3.92	4.90	OC	0.99	1.98	2.97	3.96	4.95
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.96	4.95

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1420.94	1409.41	1321.09	1155.21	926.08	696.95	383.08	204.07	88.71	23.47
OB	1420.94	1409.41	1321.09	1155.21	926.08	696.95	383.08	204.07	88.71	23.47
OC	1420.94	1410.20	1326.27	1164.76	938.81	703.71	395.81	192.54	94.28	26.65
OD	1420.94	1410.20	1326.27	1164.76	938.81	703.71	395.81	192.54	94.28	26.65



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0
1.00	1.96	1421	517		
2.00	3.92	355	129		
3.00	5.88	158	57		
4.00	7.84	89	32		
5.00	9.80	57	21		

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0
1.00	1.98	1421	517		
2.00	3.96	355	129		
3.00	5.95	158	57		
4.00	7.93	89	32		
5.00	9.91	57	21		

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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	16.2	17.3	16.5	17.6	17.8	16.7	17.8	16.9	18.0	18.2
x=2H y=3H	16.7	17.8	17.1	18.0	18.3	17.2	18.2	17.5	18.5	18.8
x=2H y=4H	16.9	17.9	17.2	18.2	18.4	17.4	18.4	17.8	18.7	18.9
x=2H y=6H	17.0	17.9	17.4	18.2	18.5	17.6	18.5	18.0	18.8	19.1
x=2H y=8H	17.0	17.9	17.4	18.2	18.5	17.6	18.5	18.0	18.8	19.1
x=2H y=12H	17.0	17.9	17.4	18.2	18.5	17.7	18.5	18.0	18.8	19.1
x=4H y=2H	16.3	17.3	16.7	17.6	17.8	16.7	17.7	17.1	18.0	18.2
x=4H y=3H	17.0	17.8	17.4	18.2	18.5	17.4	18.3	17.8	18.6	18.9
x=4H y=4H	17.3	18.0	17.7	18.4	18.7	17.8	18.5	18.2	18.8	19.2
x=4H y=6H	17.5	18.1	17.9	18.5	18.9	18.0	18.7	18.5	19.0	19.4
x=4H y=8H	17.5	18.1	18.0	18.5	18.9	18.1	18.7	18.6	19.1	19.5
x=4H y=12H	17.6	18.1	18.0	18.5	18.9	18.2	18.7	18.6	19.1	19.5
x=8H y=4H	17.4	17.9	17.8	18.3	18.7	17.8	18.4	18.2	18.8	19.2
x=8H y=6H	17.6	18.1	18.1	18.5	19.0	18.2	18.6	18.6	19.1	19.5
x=8H y=8H	17.7	18.1	18.2	18.6	19.1	18.3	18.7	18.8	19.2	19.6
x=8H y=12H	17.8	18.1	18.3	18.6	19.1	18.4	18.8	18.9	19.2	19.7
x=12H y=4H	17.4	17.9	17.8	18.3	18.7	17.8	18.3	18.3	18.7	19.1
x=12H y=6H	17.7	18.0	18.1	18.5	19.0	18.2	18.6	18.6	19.0	19.5
x=12H y=8H	17.8	18.1	18.3	18.6	19.1	18.3	18.7	18.8	19.2	19.7

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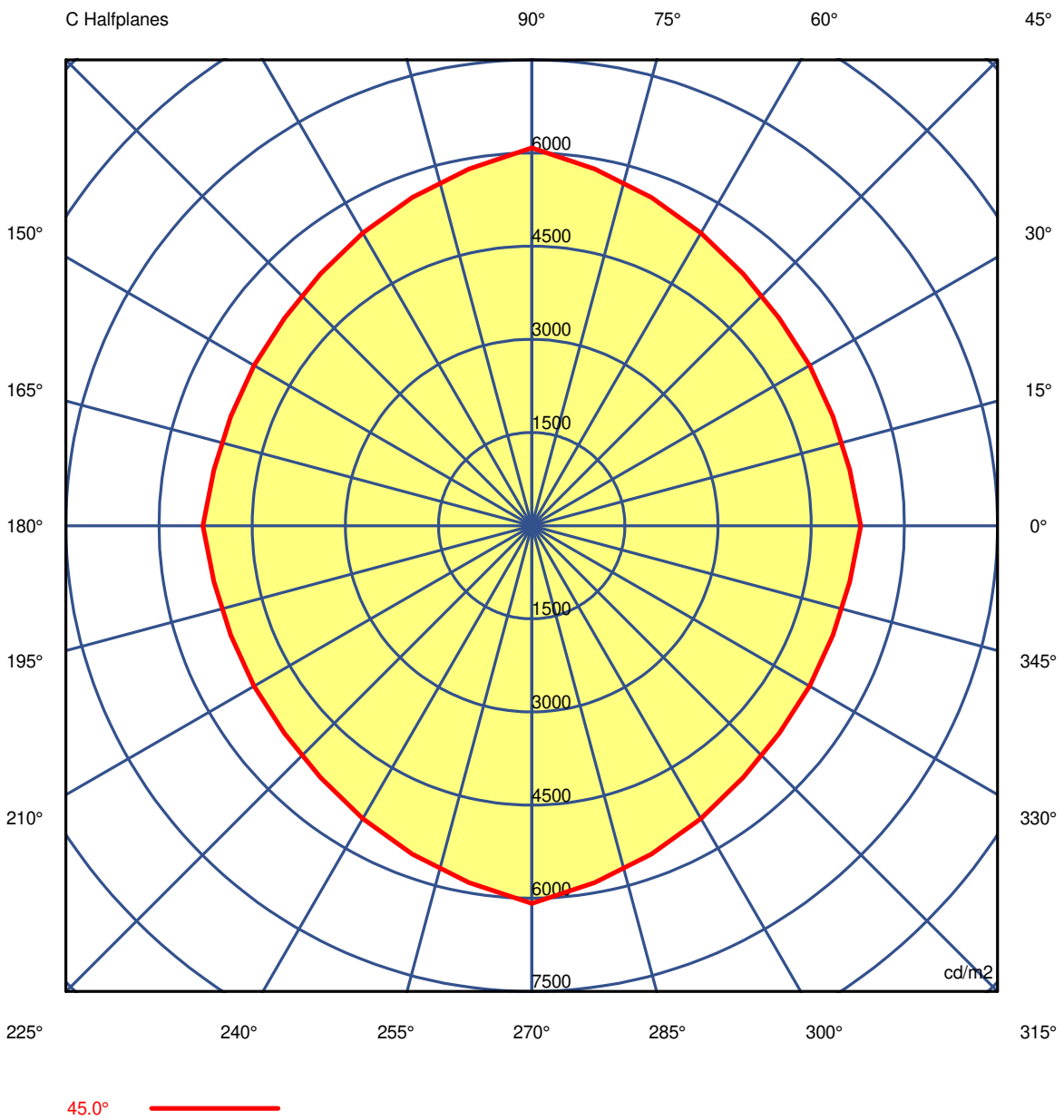
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Source Flux	3978 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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Source Flux	3978 lm	Maximum value	357.20 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	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079
G 5.0	9762	9740	9732	9734	9740	9756	9783	9815	9855	9902	9855	9815	9783
G 10.0	9377	9341	9321	9319	9334	9367	9418	9483	9561	9649	9561	9483	9418
G 15.0	8936	8886	8858	8852	8872	8920	8993	9092	9208	9338	9208	9092	8993
G 20.0	8454	8384	8336	8318	8344	8405	8499	8634	8791	8960	8791	8634	8499
G 25.0	7869	7783	7742	7743	7777	7844	7952	8103	8282	8482	8282	8103	7952
G 30.0	7234	7136	7099	7118	7173	7256	7367	7512	7696	7920	7696	7512	7367
G 35.0	6553	6473	6444	6468	6536	6634	6752	6891	7076	7309	7076	6891	6752
G 40.0	5902	5828	5800	5819	5876	5967	6094	6258	6458	6694	6458	6258	6094
G 45.0	5298	5198	5156	5164	5200	5293	5445	5626	5835	6083	5835	5626	5445
G 50.0	4203	4193	4203	4170	4064	4170	4477	4670	4813	4997	4813	4670	4477
G 55.0	3253	3467	3321	2877	2559	2559	2969	3706	4112	3983	4112	3706	2969
G 60.0	2572	2609	2310	1911	1993	2071	2146	2674	3115	3206	3115	2674	2146
G 65.0	2032	1952	1744	1456	1625	1699	1636	1989	2331	2405	2331	1989	1636
G 70.0	1322	1438	1452	1345	1206	1246	1468	1657	1769	1838	1769	1657	1468
G 75.0	1109	1123	1063	982	1015	1060	1119	1288	1470	1616	1470	1288	1119
G 80.0	745	777	796	811	851	906	971	1050	1117	1174	1117	1050	971
G 85.0	411	463	504	516	498	538	645	726	761	766	761	726	645
G 90.0	79	74	72	71	67	69	76	87	106	141	106	87	76

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Source Flux	3978 lm	Maximum value	357.20 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	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079
G 5.0	9756	9740	9734	9732	9740	9762	9740	9732	9734	9740	9756	9783	9815
G 10.0	9367	9334	9319	9321	9341	9377	9341	9321	9319	9334	9367	9418	9483
G 15.0	8920	8872	8852	8858	8886	8936	8886	8858	8852	8872	8920	8993	9092
G 20.0	8405	8344	8318	8336	8384	8454	8384	8336	8318	8344	8405	8499	8634
G 25.0	7844	7777	7743	7742	7783	7869	7783	7742	7743	7777	7844	7952	8103
G 30.0	7256	7173	7118	7099	7136	7234	7136	7099	7118	7173	7256	7367	7512
G 35.0	6634	6536	6468	6444	6473	6553	6473	6444	6468	6536	6634	6752	6891
G 40.0	5967	5876	5819	5800	5828	5902	5828	5800	5819	5876	5967	6094	6258
G 45.0	5293	5200	5164	5156	5198	5298	5198	5156	5164	5200	5293	5445	5626
G 50.0	4170	4064	4170	4203	4193	4203	4193	4203	4170	4064	4170	4477	4670
G 55.0	2559	2559	2877	3321	3467	3253	3467	3321	2877	2559	2559	2969	3706
G 60.0	2071	1993	1911	2310	2609	2572	2609	2310	1911	1993	2071	2146	2674
G 65.0	1699	1625	1456	1744	1952	2032	1952	1744	1456	1625	1699	1636	1989
G 70.0	1246	1206	1345	1452	1438	1322	1438	1452	1345	1206	1246	1468	1657
G 75.0	1060	1015	982	1063	1123	1109	1123	1063	982	1015	1060	1119	1288
G 80.0	906	851	811	796	777	745	777	796	811	851	906	971	1050
G 85.0	538	498	516	504	463	411	463	504	498	538	538	645	726
G 90.0	69	67	71	72	74	79	74	72	67	69	69	76	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	10079	10079	10079	10079	10079	10079	10079	10079	10079	10079
G 5.0	9855	9902	9855	9815	9783	9756	9740	9734	9732	9740
G 10.0	9561	9649	9561	9483	9418	9367	9334	9319	9321	9341
G 15.0	9208	9338	9208	9092	8993	8920	8872	8852	8858	8886
G 20.0	8791	8960	8791	8634	8499	8405	8344	8318	8336	8384
G 25.0	8282	8482	8282	8103	7952	7844	7777	7743	7742	7783
G 30.0	7696	7920	7696	7512	7367	7256	7173	7118	7099	7136
G 35.0	7076	7309	7076	6891	6752	6634	6536	6468	6444	6473
G 40.0	6458	6694	6458	6258	6094	5967	5876	5819	5800	5828
G 45.0	5835	6083	5835	5626	5445	5293	5200	5164	5156	5198
G 50.0	4813	4997	4813	4670	4477	4170	4064	4170	4203	4193
G 55.0	4112	3983	4112	3706	2969	2559	2559	2877	3321	3467
G 60.0	3115	3206	3115	2674	2146	2071	1993	1911	2310	2609
G 65.0	2331	2405	2331	1989	1636	1699	1625	1456	1744	1952
G 70.0	1769	1838	1769	1657	1468	1246	1206	1345	1452	1438
G 75.0	1470	1616	1470	1288	1119	1060	1015	982	1063	1123
G 80.0	1117	1174	1117	1050	971	906	851	811	796	777
G 85.0	761	766	761	726	645	538	498	516	504	463
G 90.0	106	141	106	87	76	69	67	71	72	74