

**Luminaire**

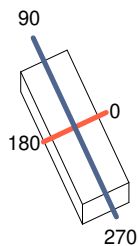
Code 90719L812  
Name ROFY 60 SQ L0814W286 GCONTROL+ K3 830 LO

**Measurem.**

Code 9/8/2023  
Name ROFY 60 SQ L0814W286 GCONTROL+ K3 830 LO

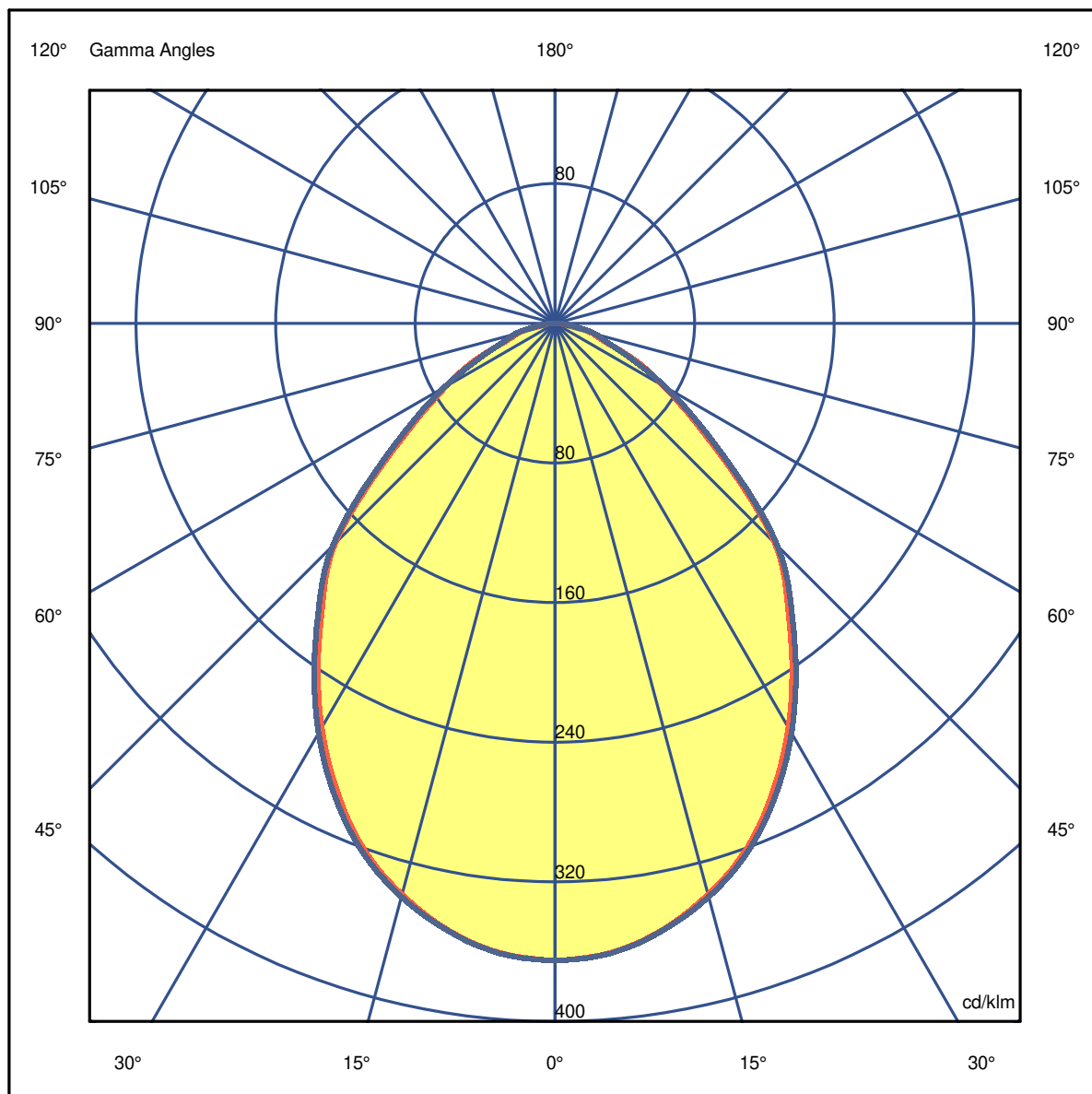
Luminaire Flux	3051 lm	Luminaire Power	25.7 W	Efficacy	118.581 lm/W	Efficiency	71.82%
Source Flux	4248 lm	Maximum value	365.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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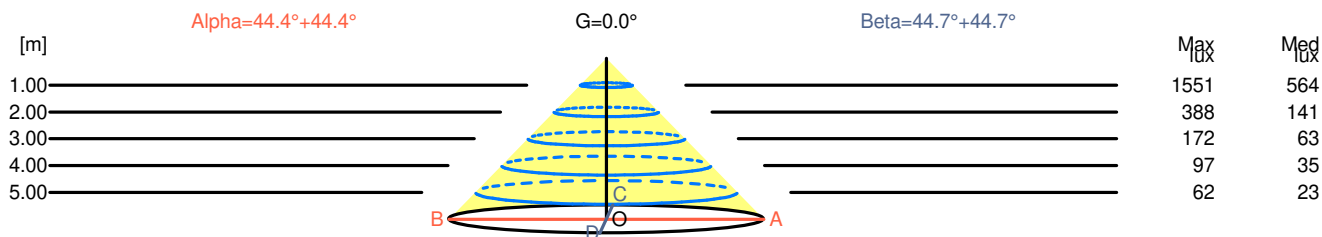
Name ROFY 60 SQ L0814W286 GCONTROL+ K3 830 LO

Luminaire Flux	3051 lm	Luminaire Power	25.7 W	Efficacy	118.581 lm/W	Efficiency	71.82%
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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	2.93	3.91	4.89	OC	0.99	1.98	2.97	3.95	4.94
OB	0.98	1.96	2.93	3.91	4.89	OD	0.99	1.98	2.97	3.95	4.94

	0	5	15	25	35	45	55	65	75	85
OA	1550.94	1537.78	1439.22	1255.71	1005.93	756.99	414.18	219.20	95.16	24.21
OB	1550.94	1537.78	1439.22	1255.71	1005.93	756.99	414.18	219.20	95.16	24.21
OC	1550.94	1539.05	1445.17	1269.30	1022.07	765.91	429.47	206.88	101.10	27.19
OD	1550.94	1539.05	1445.17	1269.30	1022.07	765.91	429.47	206.88	101.10	27.19



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	1551	564			
2.00	3.91	388	141			
3.00	5.87	172	63			
4.00	7.83	97	35			
5.00	9.78	62	23			

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1.00	1.98	1551	564			
2.00	3.95	388	141			
3.00	5.93	172	63			
4.00	7.91	97	35			
5.00	9.89	62	23			

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Source Flux	4248 lm	Maximum value	365.10 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	15.1	16.3	15.4	16.5	16.7	15.7	16.8	15.9	17.0	17.2
x=2H y=3H	15.6	16.7	16.0	16.9	17.2	16.3	17.3	16.6	17.5	17.8
x=2H y=4H	15.8	16.8	16.1	17.0	17.3	16.5	17.4	16.8	17.7	18.0
x=2H y=6H	15.9	16.8	16.3	17.1	17.4	16.7	17.6	17.0	17.8	18.2
x=2H y=8H	15.9	16.8	16.3	17.1	17.4	16.7	17.6	17.1	17.9	18.2
x=2H y=12H	15.9	16.7	16.3	17.0	17.4	16.7	17.5	17.1	17.8	18.2
x=4H y=2H	15.2	16.2	15.6	16.5	16.8	15.7	16.7	16.1	17.0	17.3
x=4H y=3H	15.9	16.7	16.3	17.0	17.4	16.5	17.3	16.8	17.6	17.9
x=4H y=4H	16.2	16.9	16.6	17.2	17.6	16.8	17.5	17.2	17.9	18.2
x=4H y=6H	16.4	17.0	16.8	17.4	17.8	17.1	17.7	17.5	18.1	18.5
x=4H y=8H	16.4	17.0	16.8	17.4	17.8	17.2	17.8	17.6	18.1	18.5
x=4H y=12H	16.4	16.9	16.9	17.3	17.8	17.3	17.8	17.7	18.2	18.6
x=8H y=4H	16.3	16.8	16.7	17.2	17.6	16.9	17.4	17.3	17.8	18.2
x=8H y=6H	16.5	17.0	17.0	17.4	17.8	17.2	17.7	17.7	18.1	18.6
x=8H y=8H	16.6	17.0	17.1	17.4	17.9	17.4	17.8	17.8	18.2	18.7
x=8H y=12H	16.6	17.0	17.2	17.5	18.0	17.5	17.8	18.0	18.3	18.8
x=12H y=4H	16.3	16.8	16.7	17.2	17.6	16.8	17.4	17.3	17.7	18.2
x=12H y=6H	16.5	16.9	17.0	17.4	17.8	17.2	17.6	17.7	18.1	18.5
x=12H y=8H	16.6	17.0	17.1	17.5	17.9	17.4	17.7	17.9	18.2	18.7

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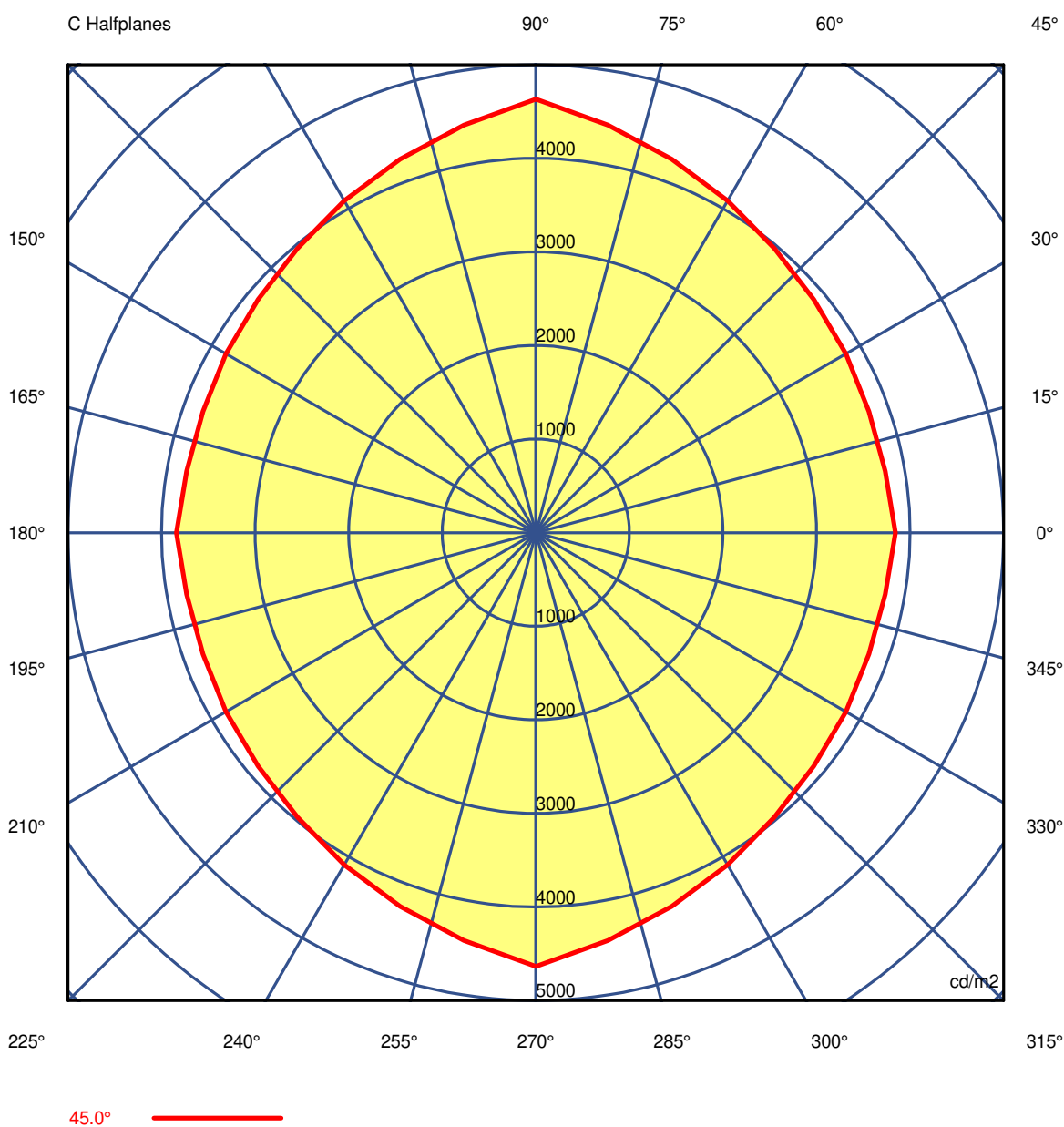
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Luminaire Flux	3051 lm	Luminaire Power	25.7 W	Efficacy	118.581 lm/W	Efficiency	71.82%
Source Flux	4248 lm	Maximum value	365.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux	4248 lm		Maximum value		365.10 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	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	
G 5.0	7110	7096	7095	7104	7113	7128	7151	7178	7210	7247	7210	7178	7151	
G 10.0	6825	6806	6802	6813	6835	6866	6906	6962	7023	7084	7023	6962	6906	
G 15.0	6498	6474	6470	6483	6508	6552	6617	6700	6790	6886	6790	6700	6617	
G 20.0	6145	6109	6092	6097	6133	6191	6271	6382	6509	6642	6509	6382	6271	
G 25.0	5709	5676	5667	5683	5725	5795	5893	6019	6162	6316	6162	6019	5893	
G 30.0	5243	5202	5197	5231	5298	5382	5479	5596	5746	5928	5746	5596	5479	
G 35.0	4751	4719	4723	4764	4837	4928	5031	5151	5304	5496	5304	5151	5031	
G 40.0	4282	4253	4257	4293	4358	4449	4565	4705	4871	5064	4871	4705	4565	
G 45.0	3841	3790	3788	3825	3878	3967	4097	4249	4425	4633	4425	4249	4097	
G 50.0	3027	3055	3091	3081	3001	3103	3377	3537	3654	3816	3654	3537	3377	
G 55.0	2348	2540	2449	2123	1901	1904	2214	2808	3155	3075	3155	2808	2214	
G 60.0	1859	1898	1689	1405	1483	1554	1618	2037	2398	2491	2398	2037	1618	
G 65.0	1457	1415	1279	1078	1212	1282	1250	1528	1805	1885	1805	1528	1250	
G 70.0	946	1036	1060	996	899	938	1125	1285	1386	1454	1386	1285	1125	
G 75.0	794	812	775	724	764	809	860	1014	1183	1322	1183	1014	860	
G 80.0	519	558	586	609	649	703	767	842	912	980	912	842	767	
G 85.0	283	332	367	377	374	413	505	594	648	664	648	594	505	
G 90.0	44	42	42	43	45	49	56	67	87	132	87	67	56	

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Source Flux	4248 lm		Maximum value		365.10 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	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	
G 5.0	7128	7113	7104	7095	7096	7110	7096	7095	7104	7113	7128	7151	7178	
G 10.0	6866	6835	6813	6802	6806	6825	6806	6802	6813	6835	6866	6906	6962	
G 15.0	6552	6508	6483	6470	6474	6498	6474	6470	6483	6508	6552	6617	6700	
G 20.0	6191	6133	6097	6092	6109	6145	6109	6092	6097	6133	6191	6271	6382	
G 25.0	5795	5725	5683	5667	5676	5709	5676	5667	5683	5725	5795	5893	6019	
G 30.0	5382	5298	5231	5197	5202	5243	5202	5197	5231	5298	5382	5479	5596	
G 35.0	4928	4837	4764	4723	4719	4751	4719	4723	4764	4837	4928	5031	5151	
G 40.0	4449	4358	4293	4257	4253	4282	4253	4257	4293	4358	4449	4565	4705	
G 45.0	3967	3878	3825	3788	3790	3841	3790	3788	3825	3878	3967	4097	4249	
G 50.0	3103	3001	3081	3091	3055	3027	3055	3091	3081	3001	3103	3377	3537	
G 55.0	1904	1901	2123	2449	2540	2348	2540	2449	2123	1901	1904	2214	2808	
G 60.0	1554	1483	1405	1689	1898	1859	1898	1689	1405	1483	1554	1618	2037	
G 65.0	1282	1212	1078	1279	1415	1457	1415	1279	1078	1212	1282	1250	1528	
G 70.0	938	899	996	1060	1036	946	1036	1060	996	899	938	1125	1285	
G 75.0	809	764	724	775	812	794	812	775	724	764	809	860	1014	
G 80.0	703	649	609	586	558	519	558	586	609	649	703	767	842	
G 85.0	413	374	377	367	332	283	332	367	377	374	413	505	594	
G 90.0	49	45	43	42	42	44	42	42	43	45	49	56	67	

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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	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343
G 5.0	7210	7247	7210	7178	7151	7128	7113	7104	7095	7096
G 10.0	7023	7084	7023	6962	6906	6866	6835	6813	6802	6806
G 15.0	6790	6886	6790	6700	6617	6552	6508	6483	6470	6474
G 20.0	6509	6642	6509	6382	6271	6191	6133	6097	6092	6109
G 25.0	6162	6316	6162	6019	5893	5795	5725	5683	5667	5676
G 30.0	5746	5928	5746	5596	5479	5382	5298	5231	5197	5202
G 35.0	5304	5496	5304	5151	5031	4928	4837	4764	4723	4719
G 40.0	4871	5064	4871	4705	4565	4449	4358	4293	4257	4253
G 45.0	4425	4633	4425	4249	4097	3967	3878	3825	3788	3790
G 50.0	3654	3816	3654	3537	3377	3103	3001	3081	3091	3055
G 55.0	3155	3075	3155	2808	2214	1904	1901	2123	2449	2540
G 60.0	2398	2491	2398	2037	1618	1554	1483	1405	1689	1898
G 65.0	1805	1885	1805	1528	1250	1282	1212	1078	1279	1415
G 70.0	1386	1454	1386	1285	1125	938	899	996	1060	1036
G 75.0	1183	1322	1183	1014	860	809	764	724	775	812
G 80.0	912	980	912	842	767	703	649	609	586	558
G 85.0	648	664	648	594	505	413	374	377	367	332
G 90.0	87	132	87	67	56	49	45	43	42	42