

**Luminaire**

Code 90717L550

Name ROFY 60 SQ D/I L0550W550 LIGHT+ K3 840 LO

**Measurem.**

Code 9/8/2023

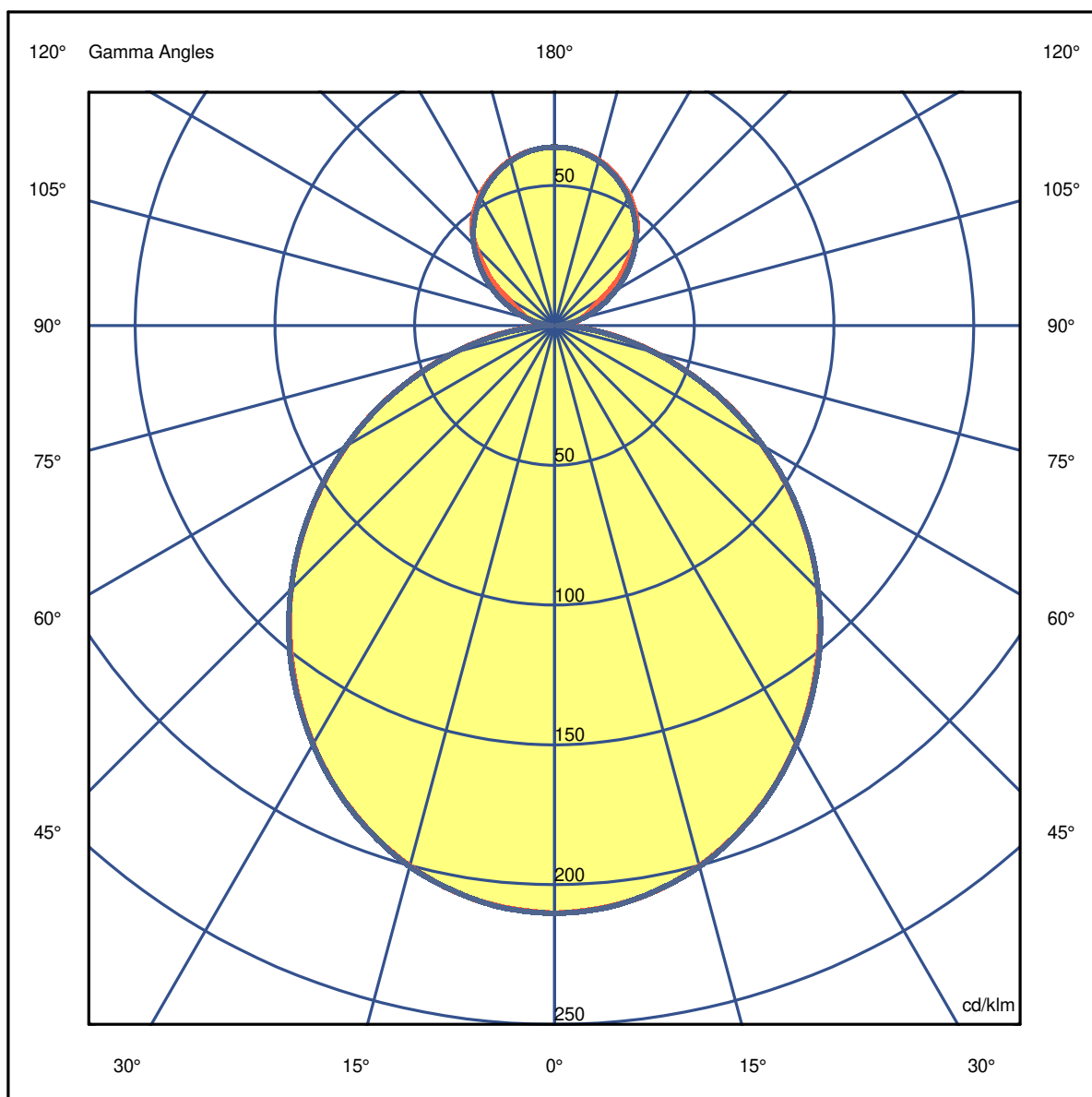
Name ROFY 60 SQ D/I L0550W550 LIGHT+ K3 840 LO

Luminaire Flux	6012 lm	Luminaire Power	46.1 W	Efficacy	130.319 lm/W	Efficiency	74.66%
Source Flux	8052 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 550mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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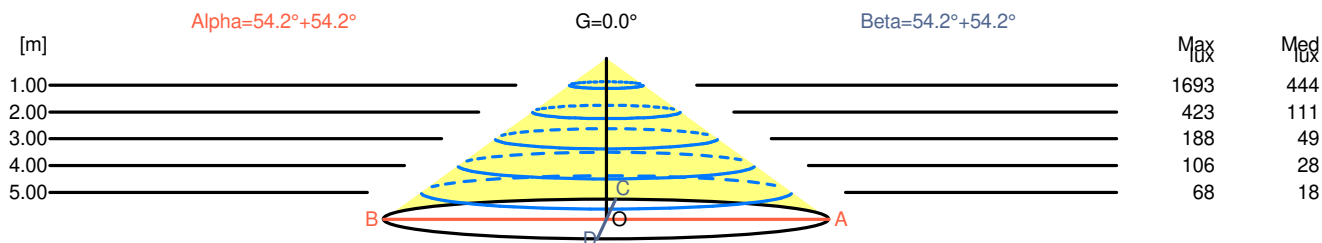
Name ROFY 60 SQ D/I L0550W550 LIGHT+ K3 840 LO

Luminaire Flux	6012 lm	Luminaire Power	46.1 W	Efficacy	130.319 lm/W	Efficiency	74.66%
Source Flux	8052 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.38	2.77	4.15	5.54	6.92	OC	1.39	2.78	4.16	5.55	6.94
OB	1.38	2.77	4.15	5.54	6.92	OD	1.39	2.78	4.16	5.55	6.94

	0	5	15	25	35	45	55	65	75	85
OA	1692.53	1682.06	1611.21	1478.35	1292.35	1073.33	824.52	562.03	297.92	82.13
OB	1692.53	1682.06	1611.21	1478.35	1292.35	1073.33	824.52	562.03	297.92	82.13
OC	1692.53	1683.67	1612.82	1479.15	1295.57	1074.14	826.14	560.42	293.90	72.47
OD	1692.53	1683.67	1612.82	1479.15	1295.57	1074.14	826.14	560.42	293.90	72.47



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.77	1693	444		
2.00	5.54	423	111		
3.00	8.31	188	49		
4.00	11.08	106	28		
5.00	13.85	68	18		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	1693	444		
2.00	5.55	423	111		
3.00	8.33	188	49		
4.00	11.10	106	28		
5.00	13.88	68	18		

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Source Flux	8052 lm	Maximum value	210.20 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.0	17.0	16.6	17.6	18.3	16.0	17.0	16.6	17.6	18.3
x=2H y=3H	17.3	18.2	17.9	18.9	19.5	17.3	18.2	17.9	18.8	19.5
x=2H y=4H	17.8	18.6	18.4	19.3	20.0	17.8	18.6	18.4	19.3	20.0
x=2H y=6H	18.1	18.9	18.7	19.5	20.3	18.0	18.8	18.7	19.5	20.2
x=2H y=8H	18.1	18.9	18.8	19.6	20.3	18.1	18.9	18.8	19.5	20.3
x=2H y=12H	18.1	18.9	18.8	19.5	20.3	18.1	18.8	18.8	19.5	20.3
x=4H y=2H	16.5	17.4	17.1	18.0	18.7	16.5	17.4	17.1	18.0	18.7
x=4H y=3H	17.9	18.7	18.6	19.3	20.1	17.9	18.7	18.6	19.3	20.1
x=4H y=4H	18.5	19.2	19.2	19.9	20.7	18.5	19.1	19.2	19.8	20.7
x=4H y=6H	18.9	19.5	19.6	20.2	21.0	18.9	19.4	19.6	20.1	21.0
x=4H y=8H	19.0	19.5	19.7	20.2	21.1	18.9	19.5	19.7	20.2	21.0
x=4H y=12H	19.1	19.5	19.8	20.3	21.1	19.0	19.4	19.7	20.2	21.1
x=8H y=4H	18.6	19.2	19.4	19.9	20.7	18.6	19.1	19.4	19.9	20.7
x=8H y=6H	19.1	19.5	19.9	20.3	21.2	19.1	19.5	19.9	20.3	21.2
x=8H y=8H	19.3	19.7	20.1	20.4	21.3	19.2	19.6	20.0	20.4	21.3
x=8H y=12H	19.4	19.7	20.2	20.5	21.4	19.3	19.6	20.1	20.4	21.4
x=12H y=4H	18.6	19.1	19.4	19.8	20.7	18.6	19.1	19.4	19.8	20.7
x=12H y=6H	19.1	19.5	19.9	20.3	21.2	19.1	19.5	19.9	20.2	21.1
x=12H y=8H	19.3	19.6	20.1	20.4	21.4	19.3	19.6	20.1	20.4	21.3

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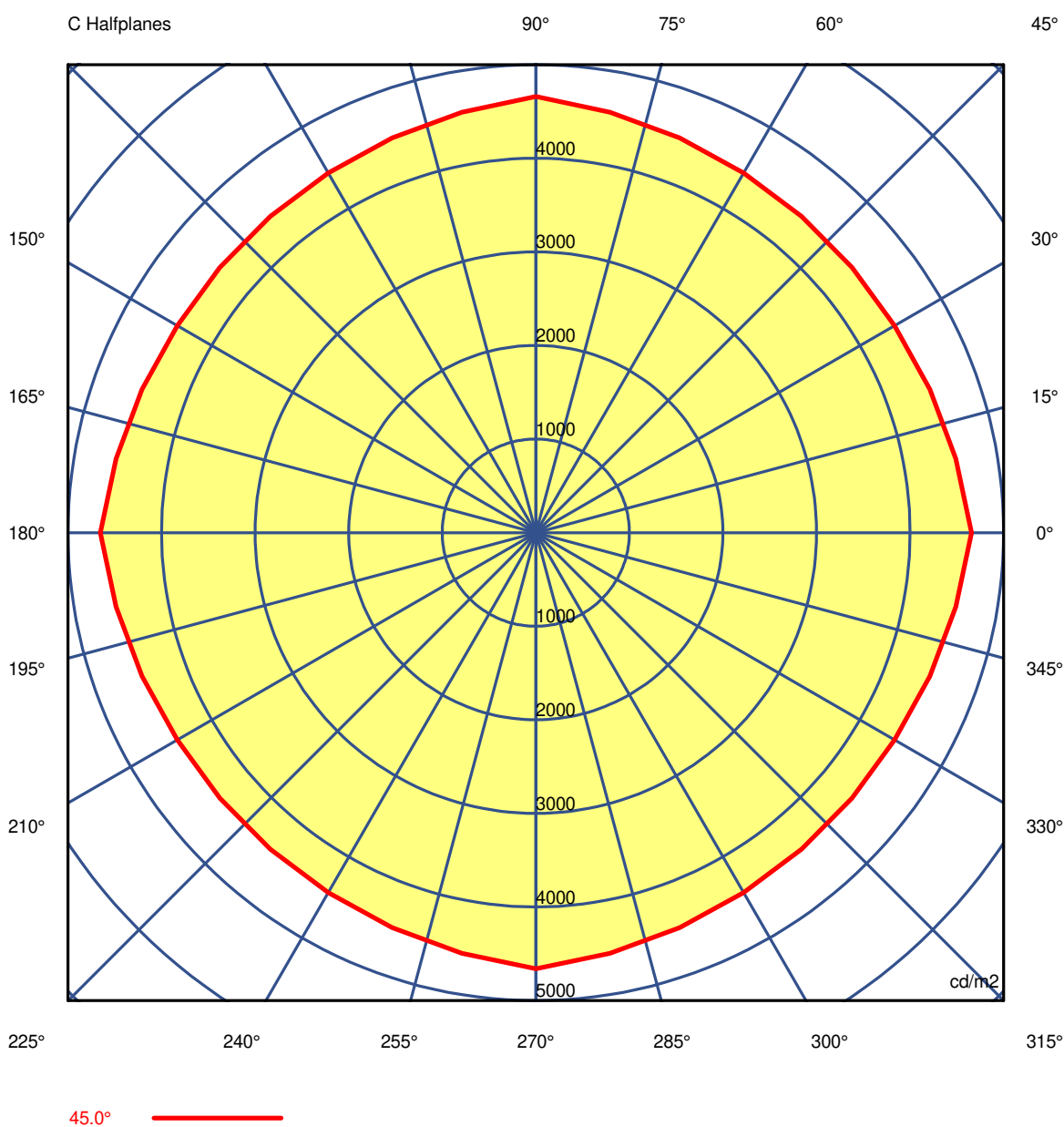
**Measurem.**

Code 9/8/2023

Name ROFY 60 SQ D/I L0550W550 LIGHT+ K3 840 LO

Luminaire Flux	6012 lm	Luminaire Power	46.1 W	Efficacy	130.319 lm/W	Efficiency	74.66%
Source Flux	8052 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



**Luminaire**

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Name ROFY 60 SQ D/I L0550W550 LIGHT+ K3 840 LO

**Measurement**

Code 9/8/2023

Name ROFY 60 SQ D/I L0550W550 LIGHT+ K3 840 LO

Luminaire Flux	6012 lm		Luminaire Power		46.1 W		Efficacy		130.319 lm/W		Efficiency		74.66%	
Source Flux	8052 lm		Maximum value		210.20 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	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	
G 5.0	5928	5916	5910	5906	5899	5898	5904	5909	5918	5933	5918	5909	5904	
G 10.0	5820	5795	5779	5770	5757	5757	5770	5777	5792	5817	5792	5777	5770	
G 15.0	5694	5660	5636	5617	5601	5600	5615	5630	5657	5699	5657	5630	5615	
G 20.0	5554	5510	5475	5450	5435	5434	5447	5472	5509	5557	5509	5472	5447	
G 25.0	5403	5338	5296	5272	5254	5255	5274	5303	5347	5406	5347	5303	5274	
G 30.0	5235	5166	5115	5083	5063	5063	5083	5115	5166	5241	5166	5115	5083	
G 35.0	5049	4975	4916	4873	4851	4855	4882	4920	4979	5062	4979	4920	4882	
G 40.0	4858	4771	4704	4659	4638	4641	4665	4713	4783	4875	4783	4713	4665	
G 45.0	4657	4557	4479	4426	4410	4414	4439	4489	4563	4660	4563	4489	4439	
G 50.0	4425	4310	4227	4176	4152	4154	4183	4237	4320	4433	4320	4237	4183	
G 55.0	4164	4040	3955	3902	3867	3867	3902	3960	4049	4172	4049	3960	3902	
G 60.0	3859	3732	3644	3587	3550	3548	3582	3642	3734	3863	3734	3642	3582	
G 65.0	3523	3377	3277	3216	3185	3184	3212	3269	3367	3513	3367	3269	3212	
G 70.0	3078	2939	2839	2773	2741	2745	2783	2836	2928	3066	2928	2836	2783	
G 75.0	2564	2420	2319	2255	2223	2223	2255	2302	2392	2529	2392	2302	2255	
G 80.0	1962	1825	1729	1656	1597	1585	1612	1669	1758	1885	1758	1669	1612	
G 85.0	1184	1067	987	929	885	861	864	896	955	1045	955	896	864	
G 90.0	661	564	490	432	395	362	327	294	259	214	259	294	327	

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Source Flux	8052 lm		Maximum value		210.20 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	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025	
G 5.0	5898	5899	5906	5910	5916	5928	5916	5910	5906	5899	5898	5904	5909	
G 10.0	5757	5757	5770	5779	5795	5820	5795	5779	5770	5757	5757	5770	5777	
G 15.0	5600	5601	5617	5636	5660	5694	5660	5636	5617	5601	5600	5615	5630	
G 20.0	5434	5435	5450	5475	5510	5554	5510	5475	5450	5435	5434	5447	5472	
G 25.0	5255	5254	5272	5296	5338	5403	5338	5296	5272	5254	5255	5274	5303	
G 30.0	5063	5063	5083	5115	5166	5235	5166	5115	5083	5063	5063	5083	5115	
G 35.0	4855	4851	4873	4916	4975	5049	4975	4916	4873	4851	4855	4882	4920	
G 40.0	4641	4638	4659	4704	4771	4858	4771	4704	4659	4638	4641	4665	4713	
G 45.0	4414	4410	4426	4479	4557	4657	4557	4479	4426	4410	4414	4439	4489	
G 50.0	4154	4152	4176	4227	4310	4425	4310	4227	4176	4152	4154	4183	4237	
G 55.0	3867	3867	3902	3955	4040	4164	4040	3955	3902	3867	3867	3902	3960	
G 60.0	3548	3550	3587	3644	3732	3859	3732	3644	3587	3550	3548	3582	3642	
G 65.0	3184	3185	3216	3277	3377	3523	3377	3277	3216	3185	3184	3212	3269	
G 70.0	2745	2741	2773	2839	2939	3078	2939	2839	2773	2741	2745	2783	2836	
G 75.0	2223	2223	2255	2319	2420	2564	2420	2319	2255	2223	2223	2255	2302	
G 80.0	1585	1597	1656	1729	1825	1962	1825	1729	1656	1597	1585	1612	1669	
G 85.0	861	885	929	987	1067	1184	1067	987	929	885	861	864	896	
G 90.0	362	395	432	490	564	661	564	490	432	395	362	327	294	

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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	6025	6025	6025	6025	6025	6025	6025	6025	6025	6025
G 5.0	5918	5933	5918	5909	5904	5898	5899	5906	5910	5916
G 10.0	5792	5817	5792	5777	5770	5757	5757	5770	5779	5795
G 15.0	5657	5699	5657	5630	5615	5600	5601	5617	5636	5660
G 20.0	5509	5557	5509	5472	5447	5434	5435	5450	5475	5510
G 25.0	5347	5406	5347	5303	5274	5255	5254	5272	5296	5338
G 30.0	5166	5241	5166	5115	5083	5063	5063	5083	5115	5166
G 35.0	4979	5062	4979	4920	4882	4855	4851	4873	4916	4975
G 40.0	4783	4875	4783	4713	4665	4641	4638	4659	4704	4771
G 45.0	4563	4660	4563	4489	4439	4414	4410	4426	4479	4557
G 50.0	4320	4433	4320	4237	4183	4154	4152	4176	4227	4310
G 55.0	4049	4172	4049	3960	3902	3867	3867	3902	3955	4040
G 60.0	3734	3863	3734	3642	3582	3548	3550	3587	3644	3732
G 65.0	3367	3513	3367	3269	3212	3184	3185	3216	3277	3377
G 70.0	2928	3066	2928	2836	2783	2745	2741	2773	2839	2939
G 75.0	2392	2529	2392	2302	2255	2223	2223	2255	2319	2420
G 80.0	1758	1885	1758	1669	1612	1585	1597	1656	1729	1825
G 85.0	955	1045	955	896	864	861	885	929	987	1067
G 90.0	259	214	259	294	327	362	395	432	490	564