

Luminaire

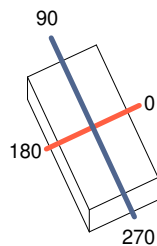
Code 90721L552
Name ROFY 60 SQ L0550W286 LIGHT+ 840 LO

Measurem.

Code 9/8/2023
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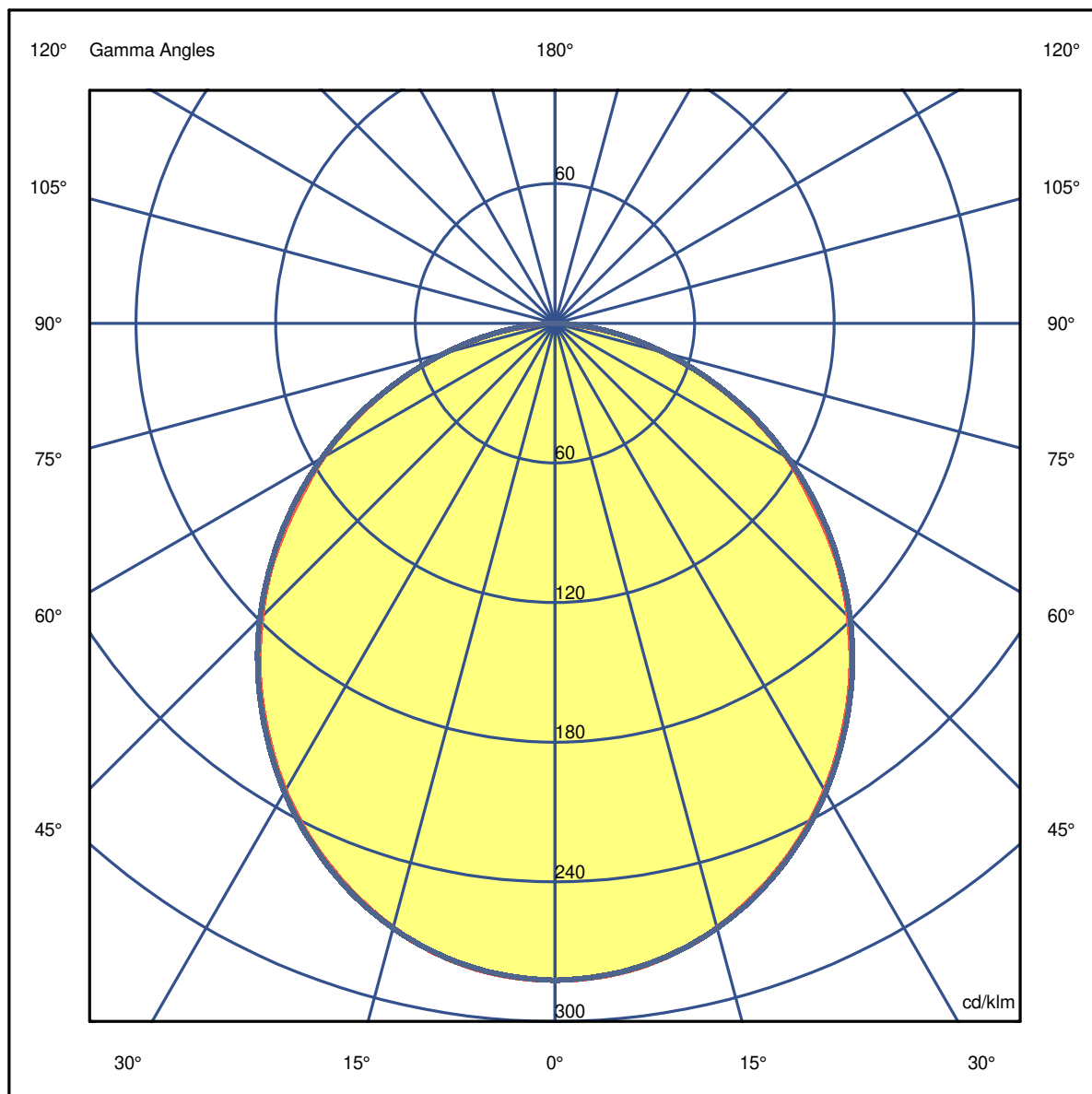
Luminaire Flux	2283 lm	Luminaire Power	17.8 W	Efficacy	128.211 lm/W	Efficiency	76.99%
Source Flux	2966 lm	Maximum value	282.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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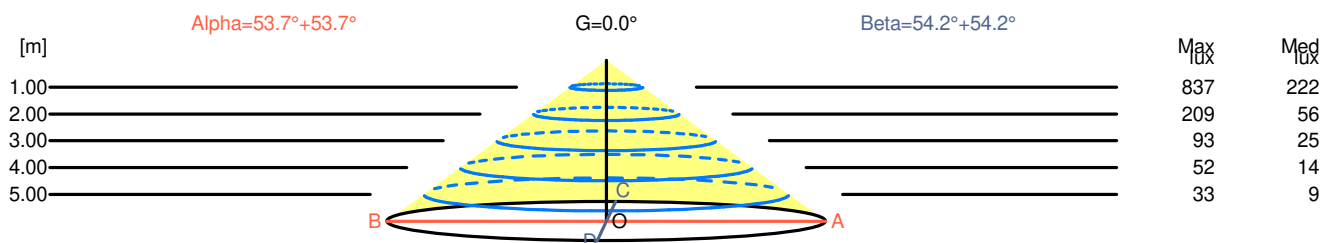
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Source Flux	2966 lm	Maximum value	282.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.36	2.73	4.09	5.45	6.82	OC	1.39	2.77	4.16	5.55	6.93
OB	1.36	2.73	4.09	5.45	6.82	OD	1.39	2.77	4.16	5.55	6.93

	0	5	15	25	35	45	55	65	75	85
OA	837.30	832.85	797.56	730.53	638.88	529.13	402.19	275.24	144.15	33.22
OB	837.30	832.85	797.56	730.53	638.88	529.13	402.19	275.24	144.15	33.22
OC	837.30	832.26	797.85	732.31	641.25	532.10	408.42	277.02	145.33	35.00
OD	837.30	832.26	797.85	732.31	641.25	532.10	408.42	277.02	145.33	35.00



H[m]	D[m]	Max lux	Med lux	Alpha=53.7°+53.7°	G=0.0
1.00	2.73	837	222		
2.00	5.45	209	56		
3.00	8.18	93	25		
4.00	10.91	52	14		
5.00	13.64	33	9		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.77	837	222		
2.00	5.55	209	56		
3.00	8.32	93	25		
4.00	11.09	52	14		
5.00	13.87	33	9		

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Luminaire Flux	2283 lm	Luminaire Power	17.8 W	Efficacy	128.211 lm/W	Efficiency	76.99%
Source Flux	2966 lm	Maximum value	282.30 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	16.8	18.1	17.1	18.3	18.6	17.2	18.5	17.5	18.7	18.9
x=2H y=3H	18.0	19.2	18.4	19.5	19.8	18.5	19.7	18.8	20.0	20.3
x=2H y=4H	18.5	19.6	18.8	19.9	20.2	19.0	20.1	19.3	20.4	20.7
x=2H y=6H	18.7	19.8	19.1	20.1	20.4	19.3	20.4	19.7	20.6	21.0
x=2H y=8H	18.8	19.8	19.1	20.1	20.4	19.4	20.4	19.8	20.7	21.0
x=2H y=12H	18.8	19.7	19.2	20.1	20.4	19.4	20.4	19.8	20.7	21.0
x=4H y=2H	17.4	18.5	17.7	18.8	19.1	17.7	18.8	18.0	19.1	19.4
x=4H y=3H	18.8	19.7	19.2	20.1	20.4	19.2	20.1	19.6	20.5	20.8
x=4H y=4H	19.3	20.2	19.7	20.5	20.9	19.8	20.6	20.2	21.0	21.4
x=4H y=6H	19.7	20.4	20.1	20.8	21.2	20.2	20.9	20.6	21.3	21.7
x=4H y=8H	19.7	20.4	20.2	20.8	21.2	20.3	21.0	20.7	21.4	21.8
x=4H y=12H	19.8	20.4	20.2	20.8	21.2	20.4	21.0	20.8	21.4	21.8
x=8H y=4H	19.5	20.2	20.0	20.6	21.0	19.9	20.6	20.4	21.0	21.4
x=8H y=6H	20.0	20.5	20.4	20.9	21.4	20.4	21.0	20.9	21.4	21.9
x=8H y=8H	20.1	20.6	20.6	21.0	21.5	20.6	21.1	21.1	21.5	22.0
x=8H y=12H	20.1	20.6	20.6	21.0	21.5	20.7	21.1	21.2	21.6	22.1
x=12H y=4H	19.5	20.1	20.0	20.6	21.0	19.9	20.6	20.4	21.0	21.4
x=12H y=6H	20.0	20.5	20.5	20.9	21.4	20.5	20.9	20.9	21.4	21.9
x=12H y=8H	20.1	20.5	20.6	21.0	21.5	20.6	21.1	21.1	21.5	22.0

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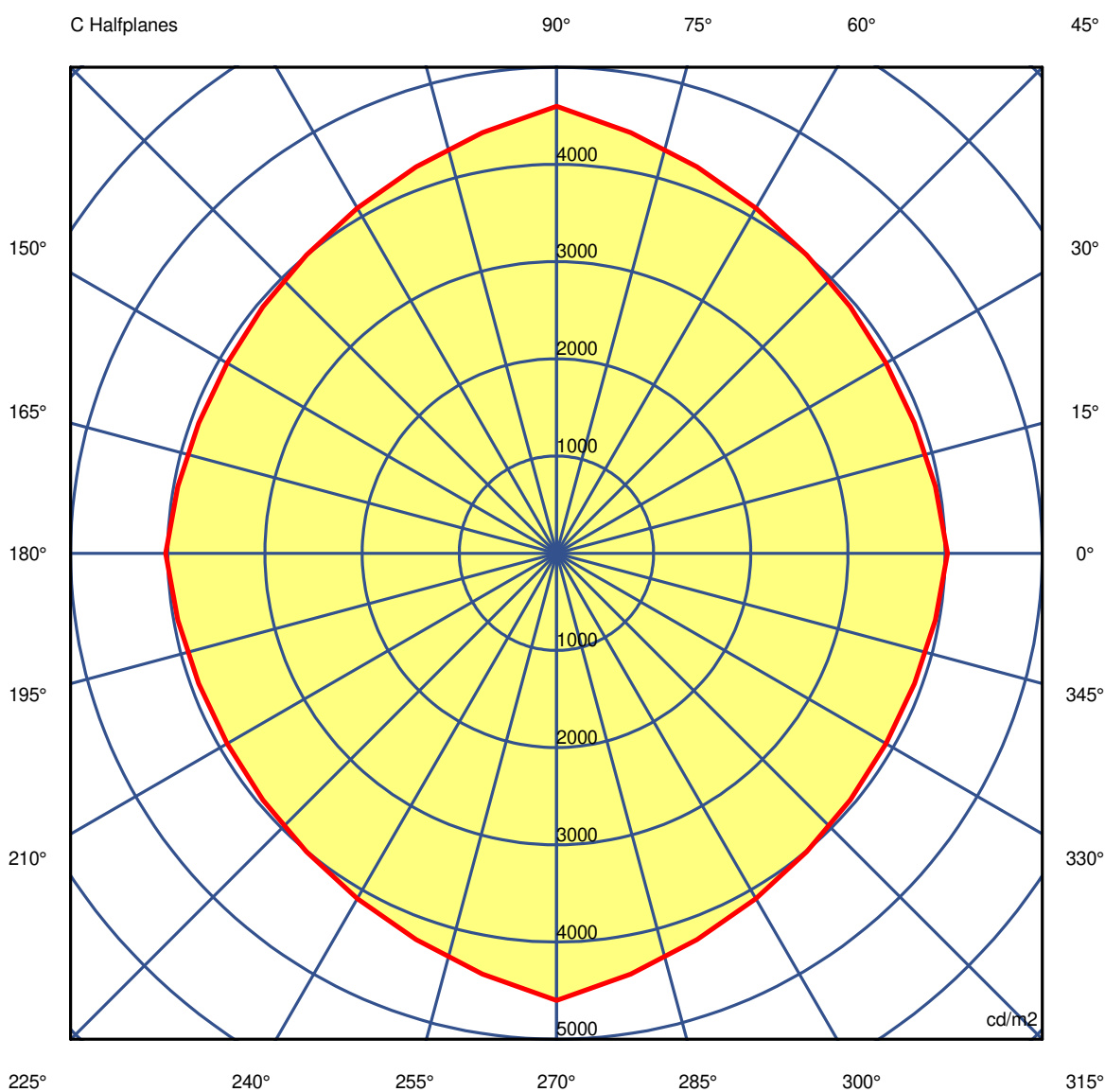
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Code 9/8/2023

Name ROFY 60 SQ L0550W286 LIGHT+ 840 LO

Luminaire Flux	2283 lm	Luminaire Power	17.8 W	Efficacy	128.211 lm/W	Efficiency	76.99%
Source Flux	2966 lm	Maximum value	282.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Name ROFY 60 SQ L0550W286 LIGHT+ 840 LO

Measurement

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Luminaire Flux	2283 lm		Luminaire Power		17.8 W		Efficacy		128.211 lm/W		Efficiency		76.99%	
Source Flux	2966 lm		Maximum value		282.30 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	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	
G 5.0	5769	5759	5753	5751	5753	5763	5779	5800	5822	5844	5822	5800	5779	
G 10.0	5588	5568	5557	5555	5565	5583	5607	5644	5688	5738	5688	5644	5607	
G 15.0	5395	5364	5348	5346	5357	5383	5423	5477	5542	5618	5542	5477	5423	
G 20.0	5186	5153	5133	5130	5146	5180	5230	5302	5387	5483	5387	5302	5230	
G 25.0	4976	4933	4909	4906	4925	4965	5027	5112	5215	5333	5215	5112	5027	
G 30.0	4756	4706	4679	4675	4695	4741	4813	4908	5027	5172	5027	4908	4813	
G 35.0	4521	4465	4435	4432	4457	4505	4580	4693	4831	4992	4831	4693	4580	
G 40.0	4282	4217	4182	4176	4206	4265	4350	4472	4624	4805	4624	4472	4350	
G 45.0	4023	3957	3921	3916	3945	4007	4101	4230	4396	4600	4396	4230	4101	
G 50.0	3747	3675	3637	3635	3664	3728	3828	3965	4142	4366	4142	3965	3828	
G 55.0	3415	3370	3322	3297	3349	3420	3505	3665	3867	4110	3867	3665	3505	
G 60.0	3118	3037	2997	2995	3029	3096	3200	3350	3549	3807	3549	3350	3200	
G 65.0	2741	2666	2625	2620	2651	2717	2822	2976	3185	3460	3185	2976	2822	
G 70.0	2306	2231	2192	2189	2222	2288	2389	2534	2738	3019	2738	2534	2389	
G 75.0	1802	1736	1703	1701	1731	1791	1884	2018	2213	2492	2213	2018	1884	
G 80.0	1232	1181	1152	1146	1171	1219	1295	1417	1590	1834	1590	1417	1295	
G 85.0	581	550	532	527	544	578	629	707	824	1005	824	707	629	
G 90.0	66	61	59	59	60	64	70	81	99	131	99	81	70	

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Source Flux	2966 lm		Maximum value		282.30 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	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939	
G 5.0	5763	5753	5751	5753	5759	5769	5759	5753	5751	5753	5763	5779	5800	
G 10.0	5583	5565	5555	5557	5568	5588	5568	5557	5555	5565	5583	5607	5644	
G 15.0	5383	5357	5346	5348	5364	5395	5364	5348	5346	5357	5383	5423	5477	
G 20.0	5180	5146	5130	5133	5153	5186	5153	5133	5130	5146	5180	5230	5302	
G 25.0	4965	4925	4906	4909	4933	4976	4933	4909	4906	4925	4965	5027	5112	
G 30.0	4741	4695	4675	4679	4706	4756	4706	4679	4675	4695	4741	4813	4908	
G 35.0	4505	4457	4432	4435	4465	4521	4465	4435	4432	4457	4505	4580	4693	
G 40.0	4265	4206	4176	4182	4217	4282	4217	4182	4176	4206	4265	4350	4472	
G 45.0	4007	3945	3916	3921	3957	4023	3957	3921	3916	3945	4007	4101	4230	
G 50.0	3728	3664	3635	3637	3675	3747	3675	3637	3635	3664	3728	3828	3965	
G 55.0	3420	3349	3297	3322	3370	3415	3370	3322	3297	3349	3420	3505	3665	
G 60.0	3096	3029	2995	2997	3037	3118	3037	2997	2995	3029	3096	3200	3350	
G 65.0	2717	2651	2620	2625	2666	2741	2666	2625	2620	2651	2717	2822	2976	
G 70.0	2288	2222	2189	2192	2231	2306	2231	2192	2189	2222	2288	2389	2534	
G 75.0	1791	1731	1701	1703	1736	1802	1736	1703	1701	1731	1791	1884	2018	
G 80.0	1219	1171	1146	1152	1181	1232	1181	1152	1146	1171	1219	1295	1417	
G 85.0	578	544	527	532	550	581	550	532	527	544	578	629	707	
G 90.0	64	60	59	59	61	66	61	59	59	60	64	70	81	

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Source Flux	2966 lm	Maximum value	282.30 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	5939	5939	5939	5939	5939	5939	5939	5939	5939	5939
G 5.0	5822	5844	5822	5800	5779	5763	5753	5751	5753	5759
G 10.0	5688	5738	5688	5644	5607	5583	5565	5555	5557	5568
G 15.0	5542	5618	5542	5477	5423	5383	5357	5346	5348	5364
G 20.0	5387	5483	5387	5302	5230	5180	5146	5130	5133	5153
G 25.0	5215	5333	5215	5112	5027	4965	4925	4906	4909	4933
G 30.0	5027	5172	5027	4908	4813	4741	4695	4675	4679	4706
G 35.0	4831	4992	4831	4693	4580	4505	4457	4432	4435	4465
G 40.0	4624	4805	4624	4472	4350	4265	4206	4176	4182	4217
G 45.0	4396	4600	4396	4230	4101	4007	3945	3916	3921	3957
G 50.0	4142	4366	4142	3965	3828	3728	3664	3635	3637	3675
G 55.0	3867	4110	3867	3665	3505	3420	3349	3297	3322	3370
G 60.0	3549	3807	3549	3350	3200	3096	3029	2995	2997	3037
G 65.0	3185	3460	3185	2976	2822	2717	2651	2620	2625	2666
G 70.0	2738	3019	2738	2534	2389	2288	2222	2189	2192	2231
G 75.0	2213	2492	2213	2018	1884	1791	1731	1701	1703	1736
G 80.0	1590	1834	1590	1417	1295	1219	1171	1146	1152	1181
G 85.0	824	1005	824	707	629	578	544	527	532	550
G 90.0	99	131	99	81	70	64	60	59	59	61