

Luminaire

Code 90720L812

Name ROFY 60 SQ L0814W286 LIGHT+ K3 840 HO

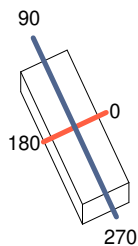
Measurem.

Code 9/8/2023

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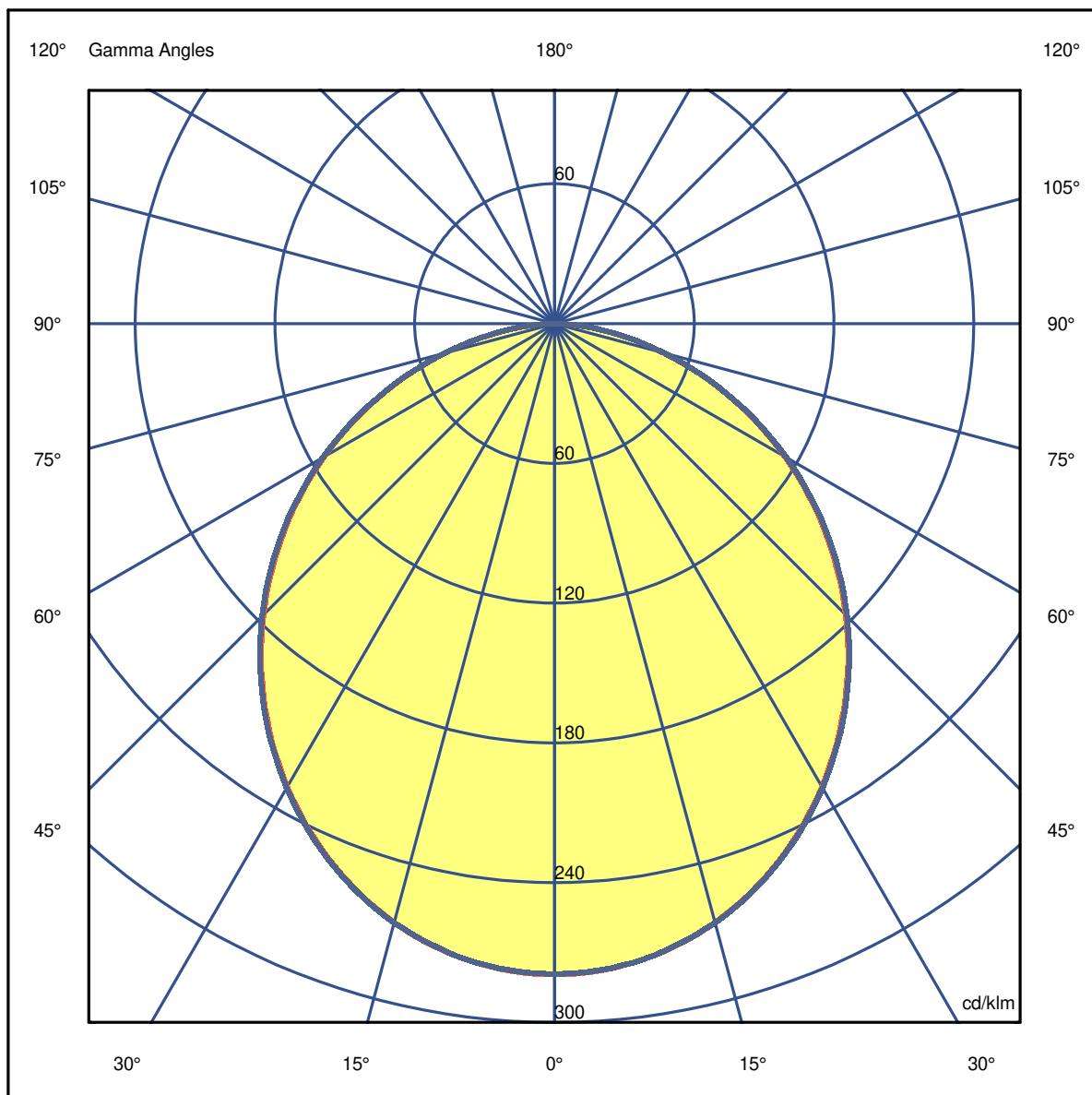
Luminaire Flux	4764 lm	Luminaire Power	36.0 W	Efficacy	132.374 lm/W	Efficiency	76.28%
Source Flux	6246 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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Code	30720L81Z
Name	ROFY 60 SQ L0814W286 LIGHT+ K3 840 HO

Measur.

Code 9/8/2023

Name ROFY 60 SQ L0814W286 LIGHT+ K3 840 HO

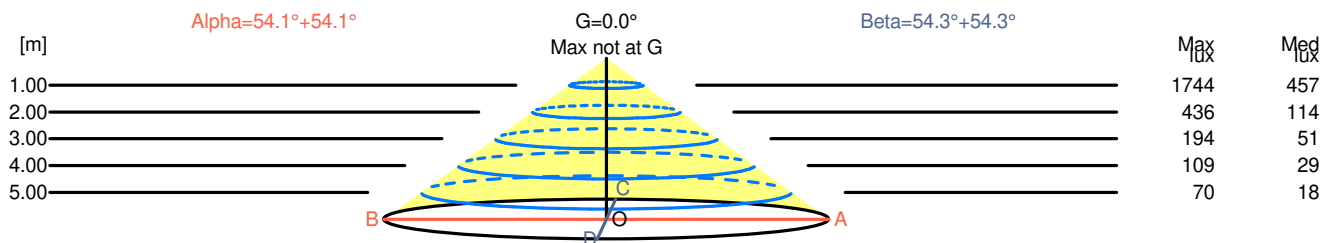
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Width at 50.00 % of Max Intensity


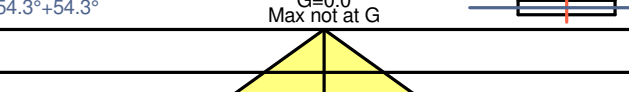
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.38	2.77	4.15	5.53	6.91	OC	1.39	2.79	4.18	5.57	6.96
OB	1.38	2.77	4.15	5.53	6.91	OD	1.39	2.79	4.18	5.57	6.96

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	1743.88	1735.76	1662.69	1522.77	1332.90	1104.29	848.21	576.51	304.80	72.45
OB	1743.88	1735.76	1662.69	1522.77	1332.90	1104.29	848.21	576.51	304.80	72.45
OC	1743.88	1735.14	1662.69	1525.90	1337.27	1109.29	853.20	579.00	304.80	75.58
OD	1743.88	1735.14	1662.69	1525.90	1337.27	1109.29	853.20	579.00	304.80	75.58



H[m]	D[m]	Max lux	Med lux	Alpha=54.1°+54.1°	G=0,0 Max not at G	
1.00	2.77	1744	457			
2.00	5.53	436	114			
3.00	8.30	194	51			
4.00	11.06	109	29			
5.00	13.83	70	18			

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0 Max not at G	
1.00	2.79	1744	457			
2.00	5.57	436	114			
3.00	8.36	194	51			
4.00	11.14	109	29			
5.00	13.93	70	18			

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Source Flux	6246 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	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	18.0	19.3	18.3	19.6	19.8	18.5	19.8	18.8	20.1	20.3
x=2H y=3H	19.3	20.4	19.6	20.7	21.0	19.9	21.1	20.2	21.4	21.7
x=2H y=4H	19.7	20.8	20.0	21.1	21.4	20.4	21.6	20.8	21.9	22.1
x=2H y=6H	19.9	21.0	20.3	21.3	21.6	20.8	21.8	21.1	22.1	22.4
x=2H y=8H	20.0	21.0	20.4	21.3	21.7	20.9	21.9	21.2	22.2	22.5
x=2H y=12H	20.0	21.0	20.4	21.3	21.6	20.9	21.9	21.3	22.2	22.5
x=4H y=2H	18.6	19.7	19.0	20.0	20.3	19.0	20.2	19.4	20.4	20.7
x=4H y=3H	20.0	21.0	20.4	21.3	21.7	20.6	21.5	21.0	21.9	22.2
x=4H y=4H	20.6	21.4	21.0	21.8	22.1	21.2	22.1	21.6	22.4	22.8
x=4H y=6H	20.9	21.7	21.3	22.0	22.4	21.7	22.4	22.1	22.8	23.2
x=4H y=8H	21.0	21.7	21.5	22.1	22.5	21.8	22.5	22.2	22.9	23.3
x=4H y=12H	21.1	21.7	21.5	22.1	22.5	21.9	22.5	22.3	22.9	23.3
x=8H y=4H	20.8	21.5	21.2	21.9	22.3	21.4	22.1	21.8	22.5	22.9
x=8H y=6H	21.2	21.8	21.7	22.2	22.7	21.9	22.5	22.4	22.9	23.4
x=8H y=8H	21.4	21.9	21.9	22.3	22.8	22.1	22.6	22.6	23.0	23.5
x=8H y=12H	21.4	21.9	21.9	22.3	22.8	22.2	22.6	22.7	23.1	23.6
x=12H y=4H	20.8	21.4	21.3	21.8	22.3	21.4	22.0	21.8	22.4	22.9
x=12H y=6H	21.3	21.8	21.8	22.2	22.7	21.9	22.4	22.4	22.9	23.4
x=12H y=8H	21.4	21.8	21.9	22.3	22.8	22.1	22.6	22.6	23.0	23.5

Luminaire

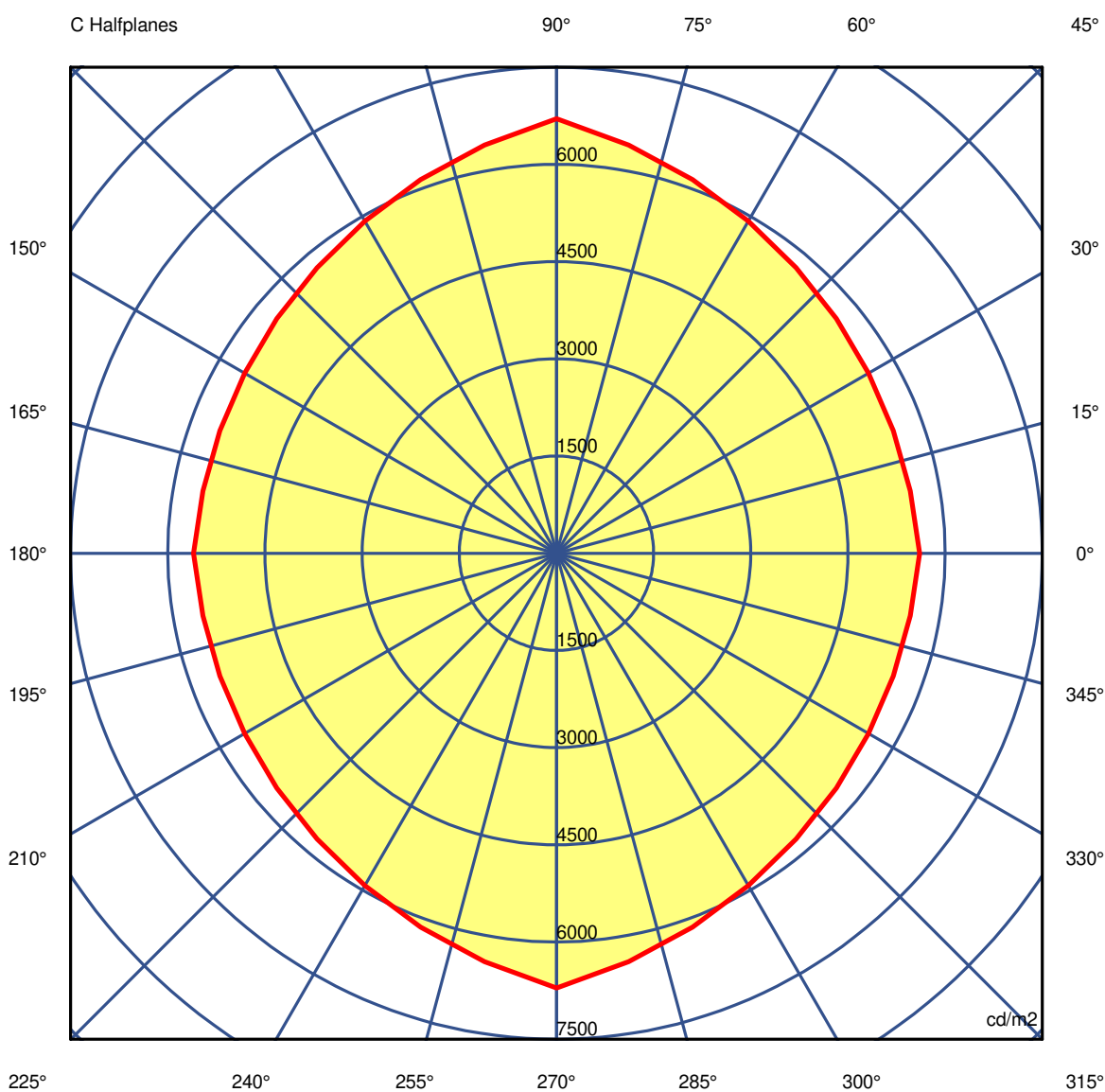
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Luminaire Flux	4764 lm	Luminaire Power	36.0 W	Efficacy	132.374 lm/W	Efficiency	76.28%
Source Flux	6246 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	6246 lm		Maximum value		279.30 cd/klm		Position		C=0.00 G=1.00		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	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	
G 5.0	8025	8009	8006	8012	8020	8036	8063	8094	8130	8170	8130	8094	8063	
G 10.0	7772	7747	7742	7755	7776	7806	7852	7914	7984	8055	7984	7914	7852	
G 15.0	7507	7478	7470	7482	7511	7559	7628	7715	7813	7923	7813	7715	7628	
G 20.0	7220	7188	7179	7195	7236	7299	7384	7497	7626	7767	7626	7497	7384	
G 25.0	6924	6885	6878	6899	6942	7017	7126	7260	7415	7593	7415	7260	7126	
G 30.0	6622	6575	6565	6588	6639	6725	6849	7006	7191	7403	7191	7006	6849	
G 35.0	6296	6244	6232	6260	6322	6422	6562	6738	6947	7191	6947	6738	6562	
G 40.0	5961	5907	5893	5919	5988	6098	6250	6447	6684	6957	6684	6447	6250	
G 45.0	5604	5543	5529	5562	5637	5755	5920	6136	6398	6709	6398	6136	5920	
G 50.0	5221	5160	5146	5180	5256	5385	5567	5796	6081	6430	6081	5796	5567	
G 55.0	4808	4744	4729	4765	4846	4976	5165	5419	5732	6109	5732	5419	5165	
G 60.0	4348	4285	4270	4304	4389	4529	4724	4980	5311	5733	5311	4980	4724	
G 65.0	3833	3763	3746	3781	3865	4002	4199	4467	4819	5276	4819	4467	4199	
G 70.0	3228	3158	3149	3191	3270	3403	3599	3858	4216	4710	4216	3858	3599	
G 75.0	2543	2479	2470	2508	2580	2703	2888	3138	3487	3984	3487	3138	2888	
G 80.0	1750	1708	1696	1713	1770	1876	2038	2263	2591	3084	2591	2263	2038	
G 85.0	846	812	806	824	859	921	1022	1196	1446	1846	1446	1196	1022	
G 90.0	111	106	105	107	113	120	129	155	202	304	202	155	129	

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Source Flux	6246 lm		Maximum value		279.30 cd/klm		Position		C=0.00 G=1.00		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	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257	
G 5.0	8036	8020	8012	8006	8009	8025	8009	8006	8012	8020	8036	8063	8094	
G 10.0	7806	7776	7755	7742	7747	7772	7747	7742	7755	7776	7806	7852	7914	
G 15.0	7559	7511	7482	7470	7478	7507	7478	7470	7482	7511	7559	7628	7715	
G 20.0	7299	7236	7195	7179	7188	7220	7188	7179	7195	7236	7299	7384	7497	
G 25.0	7017	6942	6899	6878	6885	6924	6885	6878	6899	6942	7017	7126	7260	
G 30.0	6725	6639	6588	6565	6575	6622	6575	6565	6588	6639	6725	6849	7006	
G 35.0	6422	6322	6260	6232	6244	6296	6244	6232	6260	6322	6422	6562	6738	
G 40.0	6098	5988	5919	5893	5907	5961	5907	5893	5919	5988	6098	6250	6447	
G 45.0	5755	5637	5562	5529	5543	5604	5543	5529	5562	5637	5755	5920	6136	
G 50.0	5385	5256	5180	5146	5160	5221	5160	5146	5180	5256	5385	5567	5796	
G 55.0	4976	4846	4765	4729	4744	4808	4744	4729	4765	4846	4976	5165	5419	
G 60.0	4529	4389	4304	4270	4285	4348	4285	4270	4304	4389	4529	4724	4980	
G 65.0	4002	3865	3781	3746	3763	3833	3763	3746	3781	3865	4002	4199	4467	
G 70.0	3403	3270	3191	3149	3158	3228	3158	3149	3191	3270	3403	3599	3858	
G 75.0	2703	2580	2508	2470	2479	2543	2479	2470	2508	2580	2703	2888	3138	
G 80.0	1876	1770	1713	1696	1708	1750	1708	1696	1713	1770	1876	2038	2263	
G 85.0	921	859	824	806	812	846	812	806	824	859	921	1022	1196	
G 90.0	120	113	107	105	106	111	106	105	107	113	120	129	155	

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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	8257	8257	8257	8257	8257	8257	8257	8257	8257	8257
G 5.0	8130	8170	8130	8094	8063	8036	8020	8012	8006	8009
G 10.0	7984	8055	7984	7914	7852	7806	7776	7755	7742	7747
G 15.0	7813	7923	7813	7715	7628	7559	7511	7482	7470	7478
G 20.0	7626	7767	7626	7497	7384	7299	7236	7195	7179	7188
G 25.0	7415	7593	7415	7260	7126	7017	6942	6899	6878	6885
G 30.0	7191	7403	7191	7006	6849	6725	6639	6588	6565	6575
G 35.0	6947	7191	6947	6738	6562	6422	6322	6260	6232	6244
G 40.0	6684	6957	6684	6447	6250	6098	5988	5919	5893	5907
G 45.0	6398	6709	6398	6136	5920	5755	5637	5562	5529	5543
G 50.0	6081	6430	6081	5796	5567	5385	5256	5180	5146	5160
G 55.0	5732	6109	5732	5419	5165	4976	4846	4765	4729	4744
G 60.0	5311	5733	5311	4980	4724	4529	4389	4304	4270	4285
G 65.0	4819	5276	4819	4467	4199	4002	3865	3781	3746	3763
G 70.0	4216	4710	4216	3858	3599	3403	3270	3191	3149	3158
G 75.0	3487	3984	3487	3138	2888	2703	2580	2508	2470	2479
G 80.0	2591	3084	2591	2263	2038	1876	1770	1713	1696	1708
G 85.0	1446	1846	1446	1196	1022	921	859	824	806	812
G 90.0	202	304	202	155	129	120	113	107	105	106