

Luminaire

Code 90720L812

Name ROFY 60 SQ L0814W286 LIGHT+ K3 830 HO

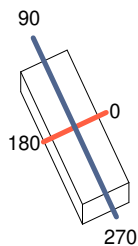
Measurem.

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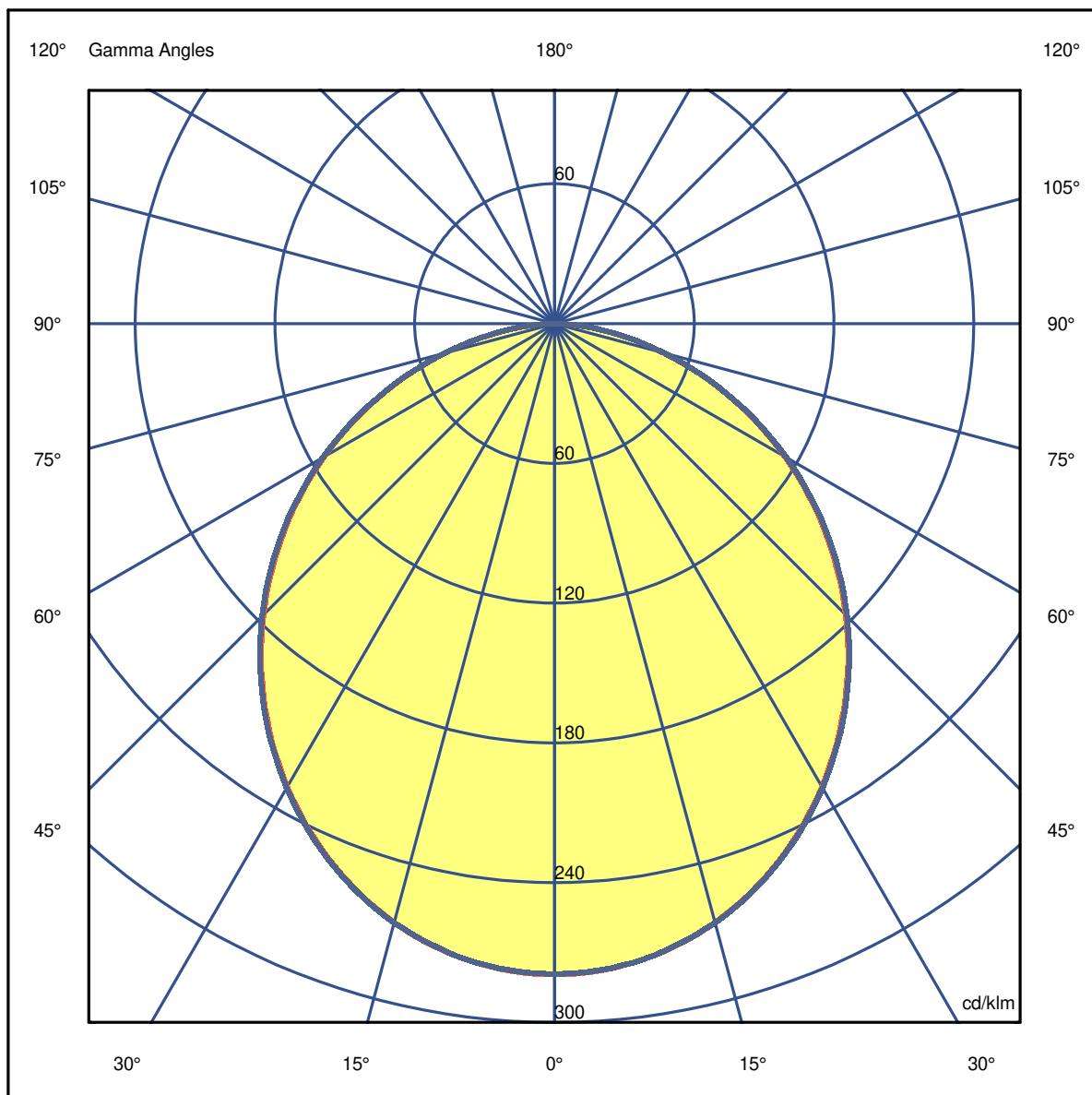
Luminaire Flux	4551 lm	Luminaire Power	36.0 W	Efficacy	126.461 lm/W	Efficiency	76.28%
Source Flux	5967 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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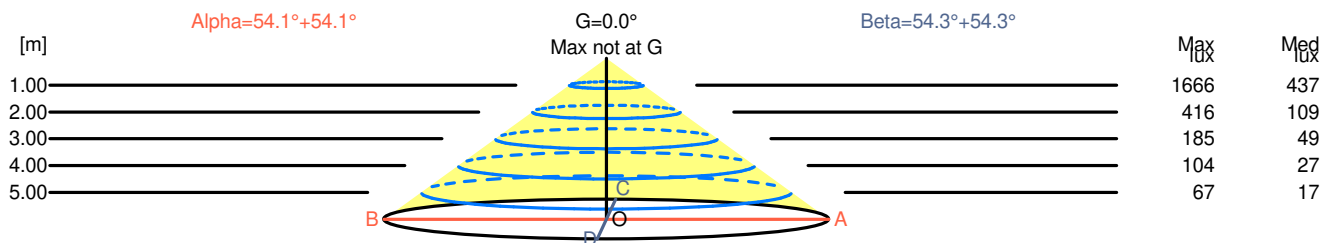
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	1665.99	1658.23	1588.42	1454.75	1273.36	1054.97	810.32	550.75	291.19	69.22
OB	1665.99	1658.23	1588.42	1454.75	1273.36	1054.97	810.32	550.75	291.19	69.22
OC	1665.99	1657.63	1588.42	1457.74	1277.53	1059.74	815.09	553.14	291.19	72.20
OD	1665.99	1657.63	1588.42	1457.74	1277.53	1059.74	815.09	553.14	291.19	72.20



H[m]	D[m]	Max lux	Med lux	Alpha=54.1°+54.1°	G=0.0 Max not at G	
1.00	2.77	1666	437			
2.00	5.53	416	109			
3.00	8.30	185	49			
4.00	11.06	104	27			
5.00	13.83	67	17			

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0 Max not at G	
1.00	2.79	1666	437			
2.00	5.57	416	109			
3.00	8.36	185	49			
4.00	11.14	104	27			
5.00	13.93	67	17			

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Source Flux	5967 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	17.8	19.2	18.1	19.4	19.6	18.4	19.7	18.6	19.9	20.1
x=2H y=3H	19.1	20.3	19.4	20.6	20.8	19.8	21.0	20.1	21.2	21.5
x=2H y=4H	19.5	20.7	19.9	21.0	21.2	20.3	21.4	20.6	21.7	22.0
x=2H y=6H	19.8	20.8	20.1	21.1	21.5	20.6	21.7	21.0	22.0	22.3
x=2H y=8H	19.8	20.8	20.2	21.2	21.5	20.7	21.7	21.1	22.0	22.4
x=2H y=12H	19.9	20.8	20.2	21.1	21.5	20.8	21.7	21.1	22.0	22.4
x=4H y=2H	18.5	19.6	18.8	19.9	20.2	18.9	20.0	19.2	20.3	20.6
x=4H y=3H	19.9	20.8	20.2	21.2	21.5	20.4	21.4	20.8	21.7	22.0
x=4H y=4H	20.4	21.3	20.8	21.6	22.0	21.1	21.9	21.5	22.3	22.6
x=4H y=6H	20.8	21.5	21.2	21.9	22.3	21.5	22.2	21.9	22.6	23.0
x=4H y=8H	20.9	21.5	21.3	21.9	22.4	21.6	22.3	22.1	22.7	23.1
x=4H y=12H	20.9	21.5	21.4	21.9	22.4	21.7	22.3	22.2	22.7	23.2
x=8H y=4H	20.6	21.3	21.1	21.7	22.1	21.2	21.9	21.7	22.3	22.7
x=8H y=6H	21.1	21.6	21.6	22.1	22.5	21.8	22.3	22.2	22.8	23.2
x=8H y=8H	21.2	21.7	21.7	22.2	22.6	21.9	22.4	22.4	22.9	23.4
x=8H y=12H	21.3	21.7	21.8	22.2	22.7	22.0	22.5	22.5	22.9	23.4
x=12H y=4H	20.7	21.3	21.1	21.7	22.1	21.2	21.8	21.7	22.3	22.7
x=12H y=6H	21.1	21.6	21.6	22.1	22.5	21.8	22.3	22.3	22.7	23.2
x=12H y=8H	21.3	21.7	21.8	22.2	22.7	22.0	22.4	22.5	22.9	23.4

Luminaire

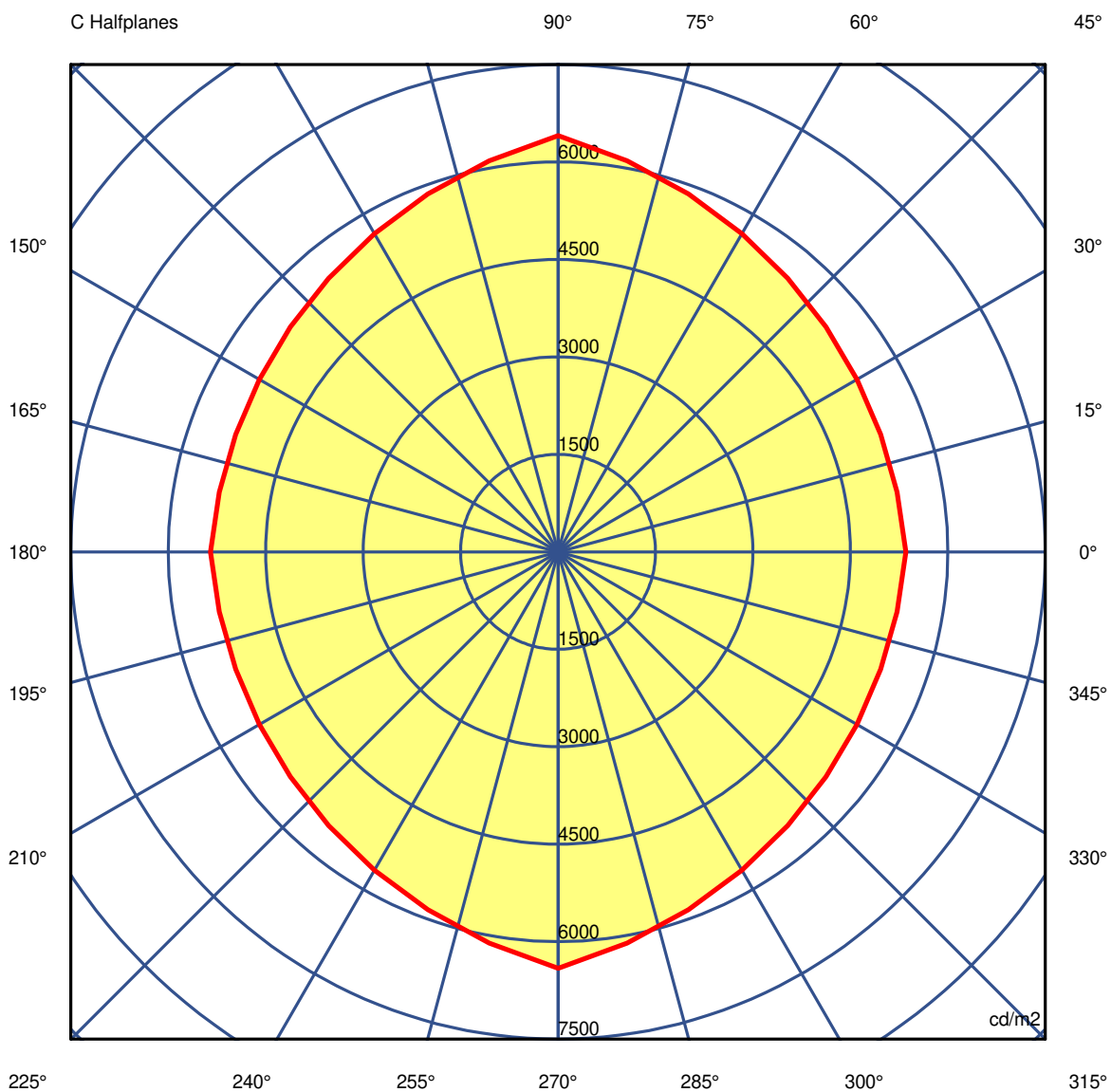
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Luminaire Flux	4551 lm	Luminaire Power	36.0 W	Efficacy	126.461 lm/W	Efficiency	76.28%
Source Flux	5967 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	4551 lm		Luminaire Power		36.0 W		Efficacy		126.461 lm/W		Efficiency		76.28%	
Source Flux	5967 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	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	
G 5.0	7667	7651	7648	7654	7662	7677	7703	7733	7767	7805	7767	7733	7703	
G 10.0	7425	7401	7397	7409	7429	7458	7501	7561	7627	7695	7627	7561	7501	
G 15.0	7172	7144	7136	7148	7175	7221	7287	7370	7464	7569	7464	7370	7287	
G 20.0	6898	6867	6859	6874	6913	6973	7054	7162	7286	7420	7286	7162	7054	
G 25.0	6614	6578	6570	6591	6632	6703	6808	6936	7084	7253	7084	6936	6808	
G 30.0	6326	6282	6271	6293	6343	6425	6543	6693	6870	7073	6870	6693	6543	
G 35.0	6014	5965	5954	5981	6039	6135	6269	6437	6636	6869	6636	6437	6269	
G 40.0	5694	5643	5630	5654	5721	5826	5971	6159	6385	6646	6385	6159	5971	
G 45.0	5353	5295	5282	5313	5385	5498	5656	5862	6112	6410	6112	5862	5656	
G 50.0	4988	4929	4916	4948	5021	5144	5318	5537	5809	6143	5809	5537	5318	
G 55.0	4593	4532	4518	4552	4629	4754	4934	5177	5476	5836	5476	5177	4934	
G 60.0	4154	4094	4080	4112	4193	4326	4513	4757	5074	5477	5074	4757	4513	
G 65.0	3661	3595	3579	3612	3692	3823	4012	4267	4604	5040	4604	4267	4012	
G 70.0	3083	3017	3008	3049	3124	3251	3438	3686	4028	4500	4028	3686	3438	
G 75.0	2430	2368	2359	2396	2464	2582	2759	2998	3331	3806	3331	2998	2759	
G 80.0	1672	1632	1620	1637	1691	1792	1947	2162	2475	2946	2475	2162	1947	
G 85.0	808	776	770	787	820	880	976	1143	1381	1764	1381	1143	976	
G 90.0	106	102	101	103	108	115	123	148	193	290	193	148	123	

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Source Flux	5967 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	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888
G 5.0	7677	7662	7654	7648	7651	7667	7651	7648	7654	7662	7677	7703	7733
G 10.0	7458	7429	7409	7397	7401	7425	7401	7397	7409	7429	7458	7501	7561
G 15.0	7221	7175	7148	7136	7144	7172	7144	7136	7148	7175	7221	7287	7370
G 20.0	6973	6913	6874	6859	6867	6898	6867	6859	6874	6913	6973	7054	7162
G 25.0	6703	6632	6591	6570	6578	6614	6578	6570	6591	6632	6703	6808	6936
G 30.0	6425	6343	6293	6271	6282	6326	6282	6271	6293	6343	6425	6543	6693
G 35.0	6135	6039	5981	5954	5965	6014	5965	5954	5981	6039	6135	6269	6437
G 40.0	5826	5721	5654	5630	5643	5694	5643	5630	5654	5721	5826	5971	6159
G 45.0	5498	5385	5313	5282	5295	5353	5295	5282	5313	5385	5498	5656	5862
G 50.0	5144	5021	4948	4916	4929	4988	4929	4916	4948	5021	5144	5318	5537
G 55.0	4754	4629	4552	4518	4532	4593	4532	4518	4552	4629	4754	4934	5177
G 60.0	4326	4193	4112	4080	4094	4154	4094	4080	4112	4193	4326	4513	4757
G 65.0	3823	3692	3612	3579	3595	3661	3595	3579	3612	3692	3823	4012	4267
G 70.0	3251	3124	3049	3008	3017	3083	3017	3008	3049	3124	3251	3438	3686
G 75.0	2582	2464	2396	2359	2368	2430	2368	2359	2396	2464	2582	2759	2998
G 80.0	1792	1691	1637	1620	1632	1672	1632	1620	1637	1691	1792	1947	2162
G 85.0	880	820	787	770	776	808	776	770	787	820	880	976	1143
G 90.0	115	108	103	101	102	106	102	101	103	108	115	123	148

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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	7888	7888	7888	7888	7888	7888	7888	7888	7888	7888
G 5.0	7767	7805	7767	7733	7703	7677	7662	7654	7648	7651
G 10.0	7627	7695	7627	7561	7501	7458	7429	7409	7397	7401
G 15.0	7464	7569	7464	7370	7287	7221	7175	7148	7136	7144
G 20.0	7286	7420	7286	7162	7054	6973	6913	6874	6859	6867
G 25.0	7084	7253	7084	6936	6808	6703	6632	6591	6570	6578
G 30.0	6870	7073	6870	6693	6543	6425	6343	6293	6271	6282
G 35.0	6636	6869	6636	6437	6269	6135	6039	5981	5954	5965
G 40.0	6385	6646	6385	6159	5971	5826	5721	5654	5630	5643
G 45.0	6112	6410	6112	5862	5656	5498	5385	5313	5282	5295
G 50.0	5809	6143	5809	5537	5318	5144	5021	4948	4916	4929
G 55.0	5476	5836	5476	5177	4934	4754	4629	4552	4518	4532
G 60.0	5074	5477	5074	4757	4513	4326	4193	4112	4080	4094
G 65.0	4604	5040	4604	4267	4012	3823	3692	3612	3579	3595
G 70.0	4028	4500	4028	3686	3438	3251	3124	3049	3008	3017
G 75.0	3331	3806	3331	2998	2759	2582	2464	2396	2359	2368
G 80.0	2475	2946	2475	2162	1947	1792	1691	1637	1620	1632
G 85.0	1381	1764	1381	1143	976	880	820	787	770	776
G 90.0	193	290	193	148	123	115	108	103	101	102