

Luminaire

Code 90720L102

Name ROFY 60 SQ L1078W286 LIGHT+ 830 HO

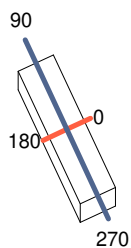
Measurem.

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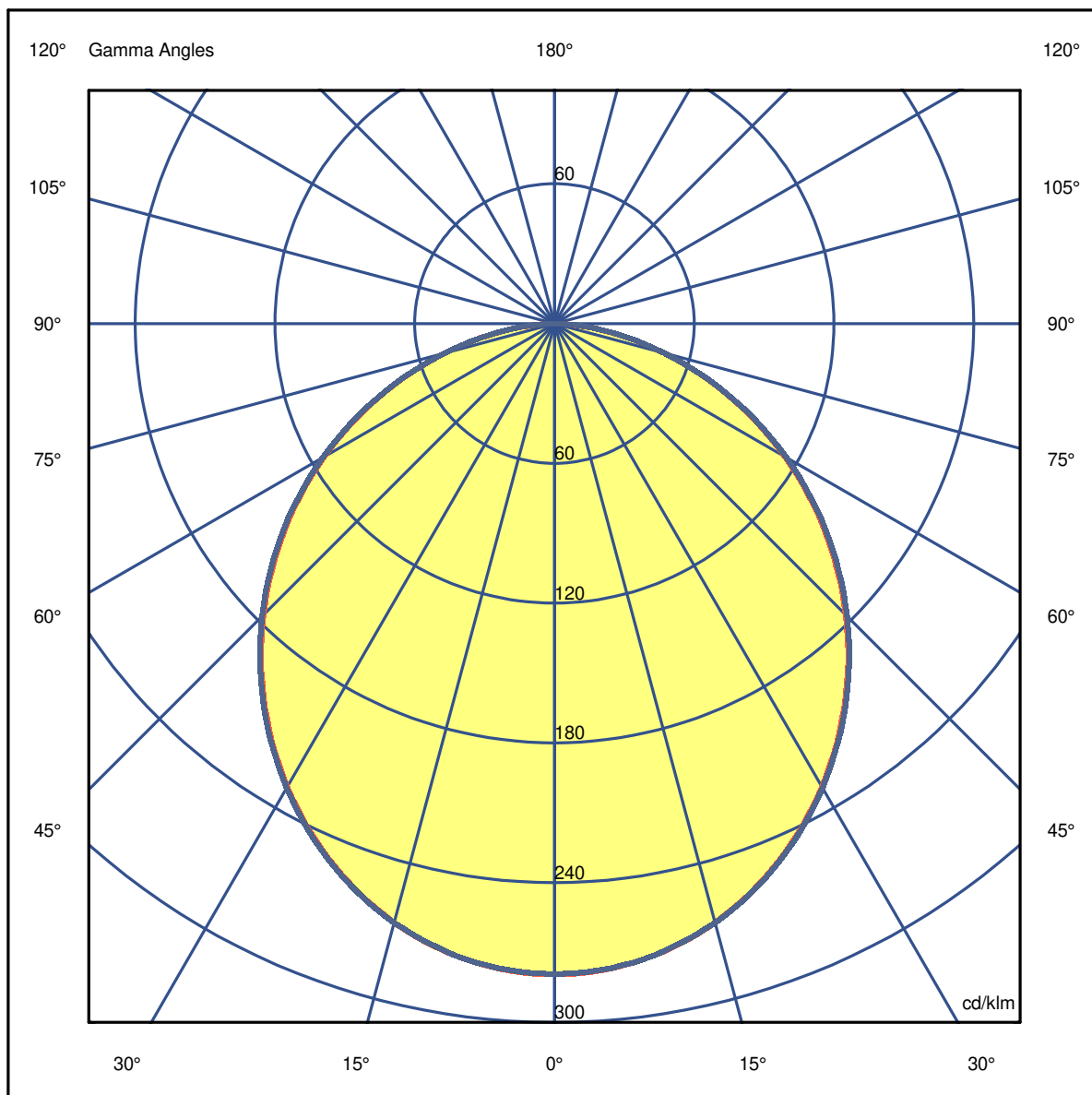
Luminaire Flux	6068 lm	Luminaire Power	45.2 W	Efficacy	134.168 lm/W	Efficiency	76.28%
Source Flux	7956 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG	Double Symmetrical

1078mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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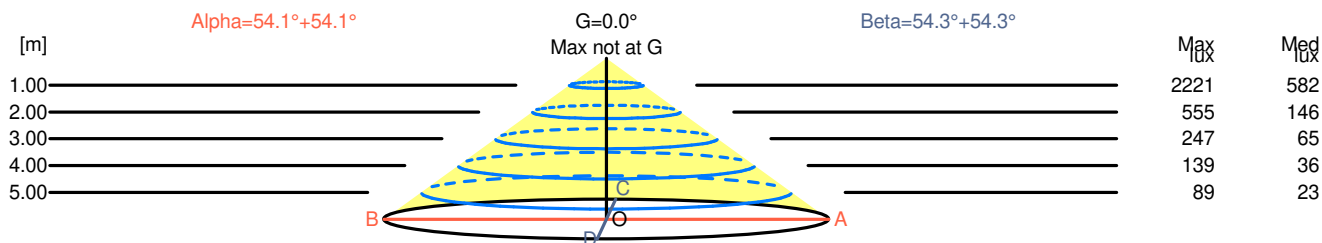
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Width at 50.00 % of Max Intensity

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	2221.32	2210.97	2117.89	1939.67	1697.81	1406.62	1080.42	734.34	388.25	92.29
OB	2221.32	2210.97	2117.89	1939.67	1697.81	1406.62	1080.42	734.34	388.25	92.29
OC	2221.32	2210.18	2117.89	1943.65	1703.38	1412.99	1086.79	737.52	388.25	96.27
OD	2221.32	2210.18	2117.89	1943.65	1703.38	1412.99	1086.79	737.52	388.25	96.27



H[m]	D[m]	Max lux	Med lux	Alpha=54.1°+54.1°	G=0.0 Max not at G
1.00	2.77	2221	582		
2.00	5.53	555	146		
3.00	8.30	247	65		
4.00	11.06	139	36		
5.00	13.83	89	23		

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0 Max not at G
1.00	2.79	2221	582		
2.00	5.57	555	146		
3.00	8.36	247	65		
4.00	11.14	139	36		
5.00	13.93	89	23		

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Luminaire Flux	6068 lm	Luminaire Power	45.2 W	Efficacy	134.168 lm/W	Efficiency	76.28%
Source Flux	7956 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	17.9	19.2	18.2	19.4	19.7	18.5	19.8	18.7	20.0	20.2
x=2H y=3H	19.1	20.3	19.5	20.6	20.9	19.9	21.1	20.2	21.4	21.6
x=2H y=4H	19.6	20.7	19.9	21.0	21.3	20.4	21.6	20.8	21.8	22.1
x=2H y=6H	19.8	20.9	20.2	21.2	21.5	20.8	21.8	21.1	22.1	22.4
x=2H y=8H	19.9	20.9	20.2	21.2	21.5	20.9	21.9	21.2	22.2	22.5
x=2H y=12H	19.9	20.8	20.3	21.2	21.5	20.9	21.9	21.3	22.2	22.5
x=4H y=2H	18.5	19.6	18.8	19.9	20.2	19.0	20.1	19.3	20.4	20.7
x=4H y=3H	19.9	20.9	20.3	21.2	21.5	20.6	21.5	20.9	21.8	22.2
x=4H y=4H	20.5	21.3	20.9	21.7	22.0	21.2	22.0	21.6	22.4	22.8
x=4H y=6H	20.8	21.5	21.2	21.9	22.3	21.7	22.4	22.1	22.8	23.2
x=4H y=8H	20.9	21.6	21.3	22.0	22.4	21.8	22.5	22.2	22.9	23.3
x=4H y=12H	20.9	21.5	21.4	22.0	22.4	21.9	22.5	22.3	22.9	23.3
x=8H y=4H	20.7	21.4	21.1	21.8	22.2	21.4	22.0	21.8	22.5	22.9
x=8H y=6H	21.1	21.7	21.6	22.1	22.6	21.9	22.5	22.4	22.9	23.4
x=8H y=8H	21.3	21.8	21.8	22.2	22.7	22.1	22.6	22.6	23.0	23.5
x=8H y=12H	21.3	21.8	21.8	22.2	22.7	22.2	22.6	22.7	23.1	23.6
x=12H y=4H	20.7	21.3	21.2	21.7	22.2	21.4	22.0	21.8	22.4	22.8
x=12H y=6H	21.2	21.7	21.7	22.1	22.6	21.9	22.4	22.4	22.9	23.4
x=12H y=8H	21.3	21.7	21.8	22.2	22.7	22.1	22.6	22.6	23.0	23.5

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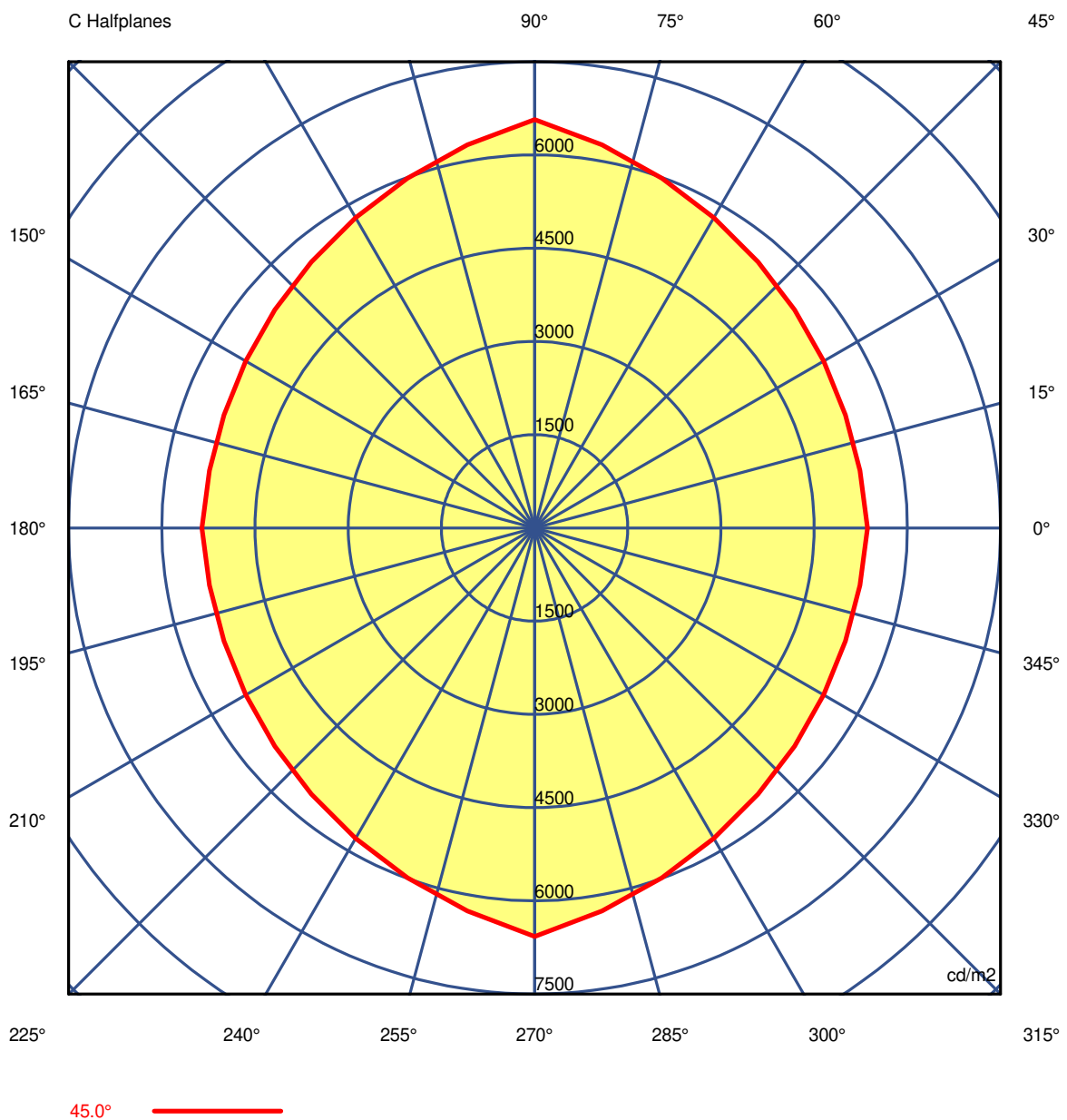
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Name ROFY 60 SQ L1078W286 LIGHT+ 830 HO

Luminaire Flux	6068 lm	Luminaire Power	45.2 W	Efficacy	134.168 lm/W	Efficiency	76.28%
Source Flux	7956 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	6068 lm		Luminaire Power		45.2 W		Efficacy		134.168 lm/W		Efficiency		76.28%	
Source Flux	7956 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	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	
G 5.0	7672	7659	7659	7668	7678	7695	7723	7754	7790	7828	7790	7754	7723	
G 10.0	7430	7411	7413	7430	7455	7488	7535	7598	7667	7736	7667	7598	7535	
G 15.0	7177	7156	7157	7176	7210	7263	7334	7422	7520	7627	7520	7422	7334	
G 20.0	6902	6881	6883	6908	6956	7025	7114	7228	7357	7494	7357	7228	7114	
G 25.0	6619	6594	6599	6631	6683	6764	6878	7015	7170	7345	7170	7015	6878	
G 30.0	6330	6300	6303	6338	6400	6495	6624	6785	6971	7181	6971	6785	6624	
G 35.0	6018	5984	5989	6030	6103	6213	6361	6541	6752	6995	6752	6541	6361	
G 40.0	5698	5664	5667	5708	5790	5911	6072	6276	6516	6790	6516	6276	6072	
G 45.0	5357	5317	5322	5371	5460	5590	5766	5990	6258	6572	6258	5990	5766	
G 50.0	4991	4952	4958	5009	5101	5242	5437	5676	5970	6326	5970	5676	5437	
G 55.0	4596	4555	4561	4615	4712	4858	5060	5327	5652	6040	5652	5327	5060	
G 60.0	4156	4117	4123	4176	4278	4434	4645	4917	5264	5703	5264	4917	4645	
G 65.0	3664	3618	3623	3676	3778	3932	4148	4435	4808	5290	4808	4435	4148	
G 70.0	3085	3039	3050	3111	3207	3359	3575	3857	4243	4774	4243	3857	3575	
G 75.0	2431	2388	2397	2452	2541	2683	2890	3166	3551	4101	3551	3166	2890	
G 80.0	1673	1648	1650	1682	1753	1876	2059	2313	2687	3255	2687	2313	2059	
G 85.0	809	785	788	814	857	931	1048	1249	1546	2046	1546	1249	1048	
G 90.0	106	103	104	107	114	124	136	168	231	387	231	168	136	

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Source Flux	7956 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	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893	
G 5.0	7695	7678	7668	7659	7659	7672	7659	7659	7668	7678	7695	7723	7754	
G 10.0	7488	7455	7430	7413	7411	7430	7411	7413	7430	7455	7488	7535	7598	
G 15.0	7263	7210	7176	7157	7156	7177	7156	7157	7176	7210	7263	7334	7422	
G 20.0	7025	6956	6908	6883	6881	6902	6881	6883	6908	6956	7025	7114	7228	
G 25.0	6764	6683	6631	6599	6594	6619	6594	6599	6631	6683	6764	6878	7015	
G 30.0	6495	6400	6338	6303	6300	6330	6300	6303	6338	6400	6495	6624	6785	
G 35.0	6213	6103	6030	5989	5984	6018	5984	5989	6030	6103	6213	6361	6541	
G 40.0	5911	5790	5708	5667	5664	5698	5664	5667	5708	5790	5911	6072	6276	
G 45.0	5590	5460	5371	5322	5317	5357	5317	5322	5371	5460	5590	5766	5990	
G 50.0	5242	5101	5009	4958	4952	4991	4952	4958	5009	5101	5242	5437	5676	
G 55.0	4858	4712	4615	4561	4555	4596	4555	4561	4615	4712	4858	5060	5327	
G 60.0	4434	4278	4176	4123	4117	4156	4117	4123	4176	4278	4434	4645	4917	
G 65.0	3932	3778	3676	3623	3618	3664	3618	3623	3676	3778	3932	4148	4435	
G 70.0	3359	3207	3111	3050	3039	3085	3039	3050	3111	3207	3359	3575	3857	
G 75.0	2683	2541	2452	2397	2388	2431	2388	2397	2452	2541	2683	2890	3166	
G 80.0	1876	1753	1682	1650	1648	1673	1648	1650	1682	1753	1876	2059	2313	
G 85.0	931	857	814	788	785	809	785	788	814	857	931	1048	1249	
G 90.0	124	114	107	104	103	106	103	104	107	114	124	136	168	

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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	7893	7893	7893	7893	7893	7893	7893	7893	7893	7893
G 5.0	7790	7828	7790	7754	7723	7695	7678	7668	7659	7659
G 10.0	7667	7736	7667	7598	7535	7488	7455	7430	7413	7411
G 15.0	7520	7627	7520	7422	7334	7263	7210	7176	7157	7156
G 20.0	7357	7494	7357	7228	7114	7025	6956	6908	6883	6881
G 25.0	7170	7345	7170	7015	6878	6764	6683	6631	6599	6594
G 30.0	6971	7181	6971	6785	6624	6495	6400	6338	6303	6300
G 35.0	6752	6995	6752	6541	6361	6213	6103	6030	5989	5984
G 40.0	6516	6790	6516	6276	6072	5911	5790	5708	5667	5664
G 45.0	6258	6572	6258	5990	5766	5590	5460	5371	5322	5317
G 50.0	5970	6326	5970	5676	5437	5242	5101	5009	4958	4952
G 55.0	5652	6040	5652	5327	5060	4858	4712	4615	4561	4555
G 60.0	5264	5703	5264	4917	4645	4434	4278	4176	4123	4117
G 65.0	4808	5290	4808	4435	4148	3932	3778	3676	3623	3618
G 70.0	4243	4774	4243	3857	3575	3359	3207	3111	3050	3039
G 75.0	3551	4101	3551	3166	2890	2683	2541	2452	2397	2388
G 80.0	2687	3255	2687	2313	2059	1876	1753	1682	1650	1648
G 85.0	1546	2046	1546	1249	1048	931	857	814	788	785
G 90.0	231	387	231	168	136	124	114	107	104	103