

Luminaire

Code 90587L115

Name ROFY 60 D/I D1150 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

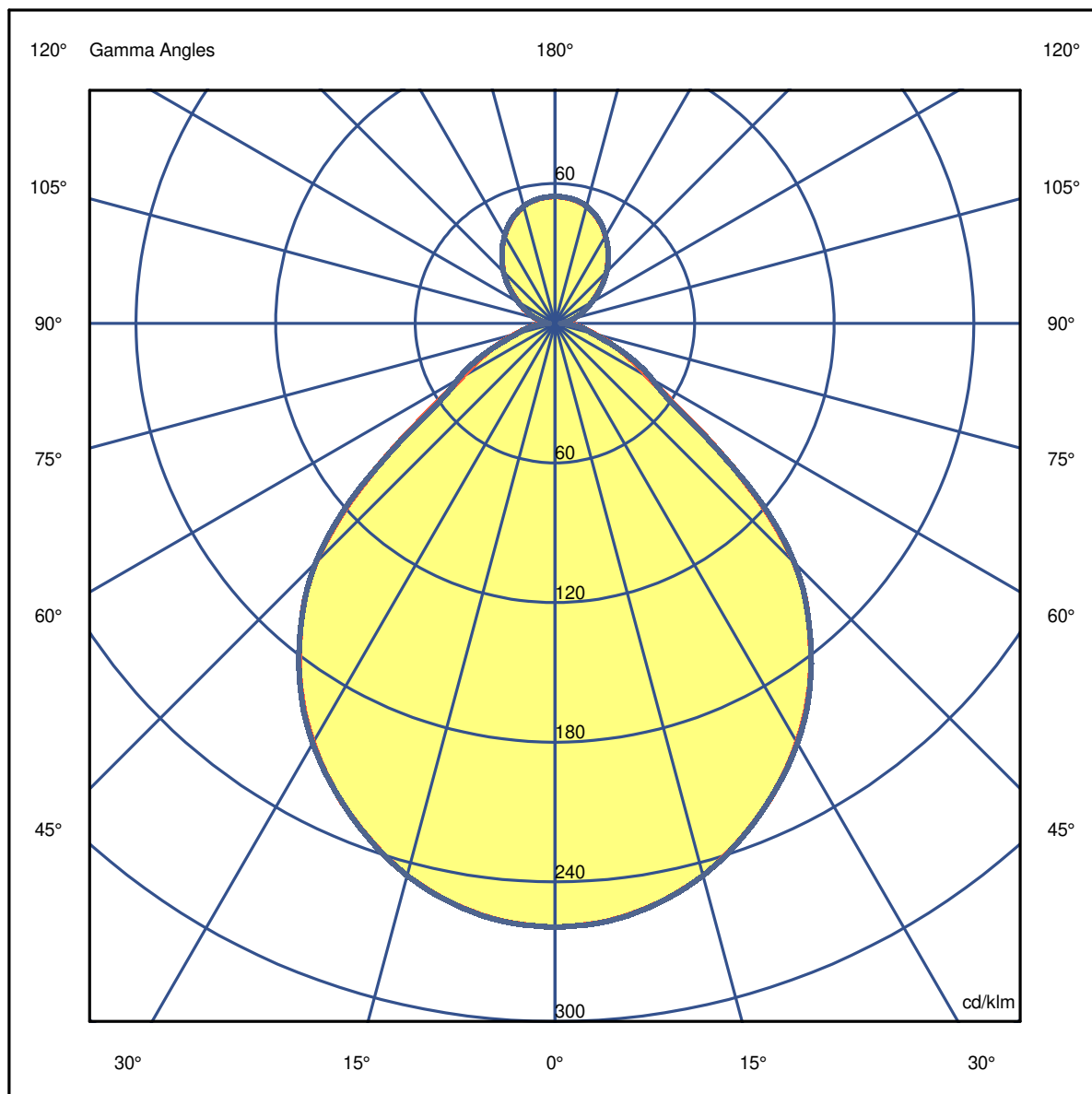
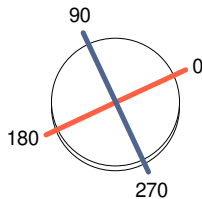
Name ROFY 60 D/I D1150 GCONTROL+ 840 HO

Luminaire Flux	17982 lm	Luminaire Power	136.9 W	Efficacy	131.354 lm/W	Efficiency	70.45%
Source Flux	25524 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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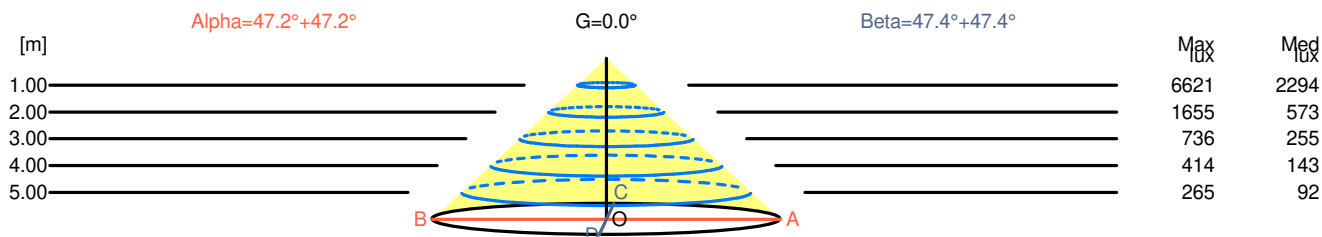
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Luminaire Flux	17982 lm	Luminaire Power	136.9 W	Efficacy	131.354 lm/W	Efficiency	70.45%
Source Flux	25524 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.08	2.16	3.25	4.33	5.41	OC	1.09	2.17	3.26	4.35	5.44
OB	1.08	2.16	3.25	4.33	5.41	OD	1.09	2.17	3.26	4.35	5.44

	0	5	15	25	35	45	55	65	75	85
OA	6620.93	6580.09	6268.69	5679.09	4864.87	3708.64	1722.87	901.00	444.12	206.74
OB	6620.93	6580.09	6268.69	5679.09	4864.87	3708.64	1722.87	901.00	444.12	206.74
OC	6620.93	6582.64	6268.69	5679.09	4875.08	3713.74	1661.61	946.94	423.70	171.01
OD	6620.93	6582.64	6268.69	5679.09	4875.08	3713.74	1661.61	946.94	423.70	171.01



H[m]	D[m]	Max lux	Med lux	Alpha=47.2°+47.2°	G=0.0	
1.00	2.16	6621	2294			
2.00	4.33	1655	573			
3.00	6.49	736	255			
4.00	8.65	414	143			
5.00	10.82	265	92			

H[m]	D[m]	Max lux	Med lux	Beta=47.4°+47.4°	G=0.0	
1.00	2.17	6621	2294			
2.00	4.35	1655	573			
3.00	6.52	736	255			
4.00	8.70	414	143			
5.00	10.87	265	92			

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Luminaire Flux	17982 lm	Luminaire Power	136.9 W	Efficacy	131.354 lm/W	Efficiency	70.45%
Source Flux	25524 lm	Maximum value	259.40 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	14.6	15.6	15.2	16.1	16.7	15.0	15.9	15.5	16.4	17.1
x=2H y=3H	15.1	16.0	15.7	16.5	17.2	15.4	16.2	16.0	16.8	17.4
x=2H y=4H	15.3	16.1	15.9	16.7	17.4	15.5	16.3	16.1	16.9	17.5
x=2H y=6H	15.5	16.2	16.1	16.8	17.5	15.6	16.4	16.3	17.0	17.7
x=2H y=8H	15.5	16.3	16.2	16.9	17.6	15.7	16.4	16.3	17.0	17.7
x=2H y=12H	15.6	16.3	16.3	16.9	17.6	15.7	16.4	16.4	17.0	17.7
x=4H y=2H	14.9	15.7	15.5	16.3	17.0	15.2	16.0	15.8	16.6	17.3
x=4H y=3H	15.6	16.2	16.2	16.9	17.6	15.9	16.6	16.5	17.2	17.9
x=4H y=4H	15.8	16.4	16.5	17.0	17.8	16.1	16.7	16.8	17.4	18.1
x=4H y=6H	16.1	16.6	16.8	17.3	18.0	16.4	16.9	17.0	17.5	18.3
x=4H y=8H	16.2	16.7	16.9	17.4	18.2	16.5	16.9	17.2	17.6	18.4
x=4H y=12H	16.3	16.7	17.0	17.4	18.3	16.5	17.0	17.3	17.7	18.5
x=8H y=4H	15.9	16.4	16.6	17.1	17.9	16.2	16.7	16.9	17.4	18.2
x=8H y=6H	16.3	16.7	17.0	17.4	18.3	16.6	16.9	17.3	17.7	18.5
x=8H y=8H	16.5	16.9	17.3	17.6	18.4	16.7	17.1	17.5	17.8	18.7
x=8H y=12H	16.7	17.0	17.5	17.7	18.6	16.9	17.2	17.6	17.9	18.8
x=12H y=4H	15.9	16.3	16.6	17.0	17.8	16.2	16.6	16.9	17.3	18.1
x=12H y=6H	16.3	16.7	17.1	17.4	18.2	16.6	16.9	17.3	17.6	18.5
x=12H y=8H	16.6	16.9	17.3	17.6	18.5	16.8	17.1	17.5	17.8	18.7

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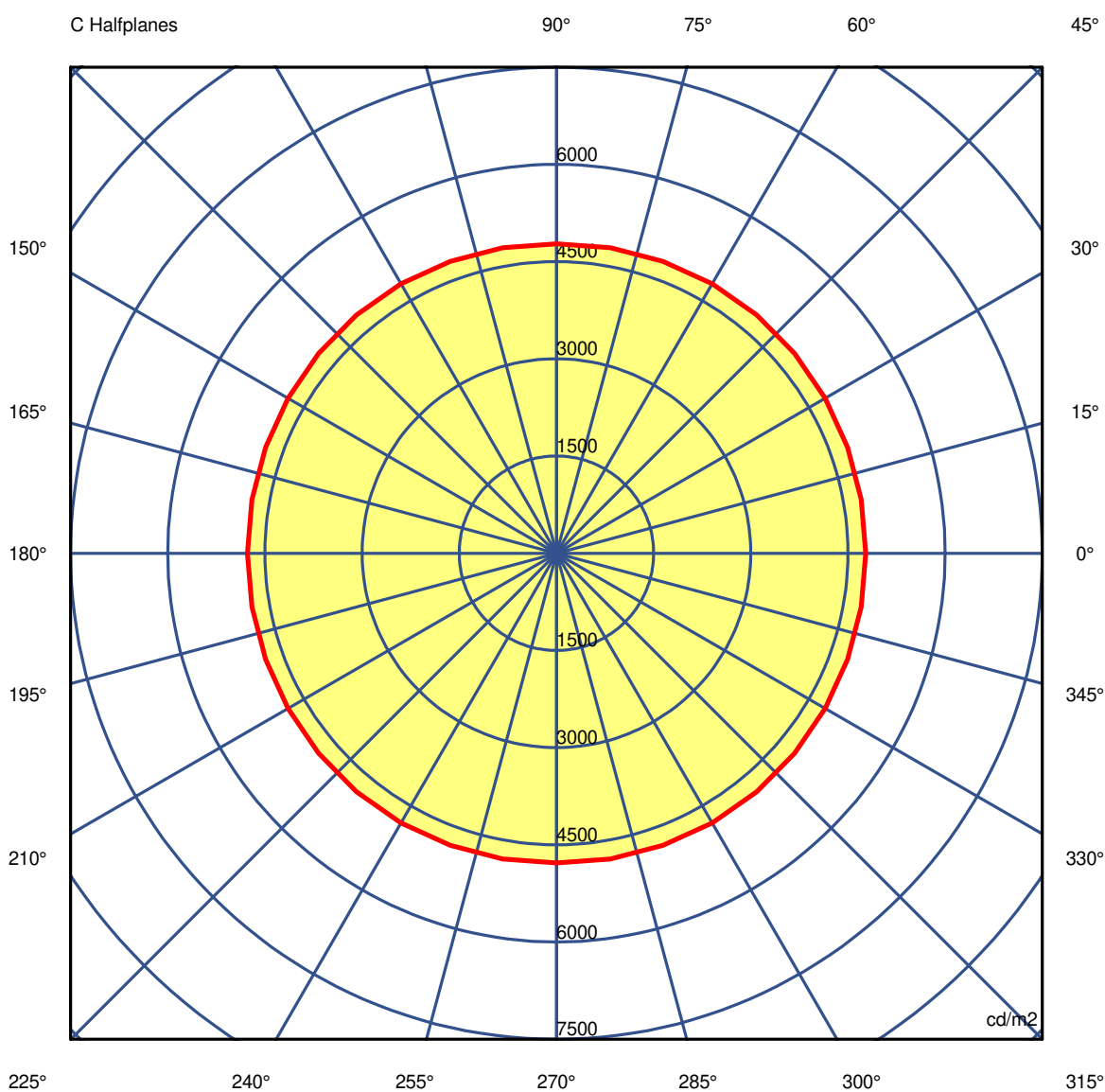
Measurem.

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Luminaire Flux	17982 lm	Luminaire Power	136.9 W	Efficacy	131.354 lm/W	Efficiency	70.45%
Source Flux	25524 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	17982 lm		Luminaire Power		136.9 W		Efficacy		131.354 lm/W		Efficiency		70.45%	
Source Flux	25524 lm		Maximum value		259.40 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	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	
G 5.0	6532	6532	6532	6532	6534	6534	6532	6531	6532	6534	6532	6531	6532	
G 10.0	6430	6432	6432	6432	6434	6434	6432	6434	6435	6432	6435	6434	6432	
G 15.0	6309	6309	6311	6314	6317	6317	6317	6316	6313	6309	6313	6316	6317	
G 20.0	6150	6153	6159	6169	6182	6189	6187	6177	6165	6153	6165	6177	6187	
G 25.0	5981	5983	5986	5992	6001	6008	6008	5998	5987	5981	5987	5998	6008	
G 30.0	5790	5801	5795	5779	5779	5779	5779	5780	5786	5801	5786	5780	5779	
G 35.0	5550	5558	5547	5524	5510	5503	5503	5516	5538	5561	5538	5516	5503	
G 40.0	5225	5234	5230	5216	5200	5190	5191	5209	5224	5228	5224	5209	5191	
G 45.0	4773	4777	4782	4789	4799	4804	4802	4796	4788	4779	4788	4796	4802	
G 50.0	3817	3840	3901	4019	4100	4146	4144	4060	3953	3856	3953	4060	4144	
G 55.0	2635	2491	2726	3189	3374	3413	3412	3292	2988	2541	2988	3292	3412	
G 60.0	2021	2067	2121	2257	2534	2730	2672	2379	2157	2109	2157	2379	2672	
G 65.0	1764	1862	1815	1739	2063	2358	2278	1868	1675	1854	1675	1868	2278	
G 70.0	1496	1485	1440	1455	1746	1981	1915	1604	1471	1467	1471	1604	1915	
G 75.0	1260	1232	1162	1152	1345	1507	1463	1257	1146	1203	1146	1257	1463	
G 80.0	1187	1193	1229	1282	1314	1322	1301	1244	1195	1168	1195	1244	1301	
G 85.0	1129	1100	1106	1115	997	898	906	980	999	934	999	980	906	
G 90.0	904	885	869	850	820	769	717	698	677	638	677	698	717	

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Source Flux	25524 lm		Maximum value		259.40 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	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602	
G 5.0	6534	6534	6532	6532	6532	6532	6532	6532	6532	6534	6534	6532	6531	
G 10.0	6434	6434	6432	6432	6432	6430	6432	6432	6432	6434	6434	6432	6434	
G 15.0	6317	6317	6314	6311	6309	6309	6309	6311	6314	6317	6317	6317	6316	
G 20.0	6189	6182	6169	6159	6153	6150	6153	6159	6169	6182	6189	6187	6177	
G 25.0	6008	6001	5992	5986	5983	5981	5983	5986	5992	6001	6008	6008	5998	
G 30.0	5779	5779	5779	5795	5801	5790	5801	5795	5779	5779	5779	5779	5780	
G 35.0	5503	5510	5524	5547	5558	5550	5558	5547	5524	5510	5503	5503	5516	
G 40.0	5190	5200	5216	5230	5234	5225	5234	5230	5216	5200	5190	5191	5209	
G 45.0	4804	4799	4789	4782	4777	4773	4777	4782	4789	4799	4804	4802	4796	
G 50.0	4146	4100	4019	3901	3840	3817	3840	3901	4019	4100	4146	4144	4060	
G 55.0	3413	3374	3189	2726	2491	2635	2491	2726	3189	3374	3413	3412	3292	
G 60.0	2730	2534	2257	2121	2067	2021	2067	2121	2257	2534	2730	2672	2379	
G 65.0	2358	2063	1739	1815	1862	1764	1862	1815	1739	2063	2358	2278	1868	
G 70.0	1981	1746	1455	1440	1485	1496	1485	1440	1455	1746	1981	1915	1604	
G 75.0	1507	1345	1152	1162	1232	1260	1232	1162	1152	1345	1507	1463	1257	
G 80.0	1322	1314	1282	1229	1193	1187	1193	1229	1282	1314	1322	1301	1244	
G 85.0	898	997	1115	1106	1100	1129	1100	1106	1115	997	898	906	980	
G 90.0	769	820	850	869	885	904	885	869	850	820	769	717	698	

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Source Flux	25524 lm	Maximum value	259.40 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	6602	6602	6602	6602	6602	6602	6602	6602	6602	6602
G 5.0	6532	6534	6532	6531	6532	6534	6534	6532	6532	6532
G 10.0	6435	6432	6435	6434	6432	6434	6434	6432	6432	6432
G 15.0	6313	6309	6313	6316	6317	6317	6317	6314	6311	6309
G 20.0	6165	6153	6165	6177	6187	6189	6182	6169	6159	6153
G 25.0	5987	5981	5987	5998	6008	6008	6001	5992	5986	5983
G 30.0	5786	5801	5786	5780	5779	5779	5779	5779	5795	5801
G 35.0	5538	5561	5538	5516	5503	5503	5510	5524	5547	5558
G 40.0	5224	5228	5224	5209	5191	5190	5200	5216	5230	5234
G 45.0	4788	4779	4788	4796	4802	4804	4799	4789	4782	4777
G 50.0	3953	3856	3953	4060	4144	4146	4100	4019	3901	3840
G 55.0	2988	2541	2988	3292	3412	3413	3374	3189	2726	2491
G 60.0	2157	2109	2157	2379	2672	2730	2534	2257	2121	2067
G 65.0	1675	1854	1675	1868	2278	2358	2063	1739	1815	1862
G 70.0	1471	1467	1471	1604	1915	1981	1746	1455	1440	1485
G 75.0	1146	1203	1146	1257	1463	1507	1345	1152	1162	1232
G 80.0	1195	1168	1195	1244	1301	1322	1314	1282	1229	1193
G 85.0	999	934	999	980	906	898	997	1115	1106	1100
G 90.0	677	638	677	698	717	769	820	850	869	885