

Luminaire

Code 90400L970
Name OREO IN D970 BLINE 927

Measurem.

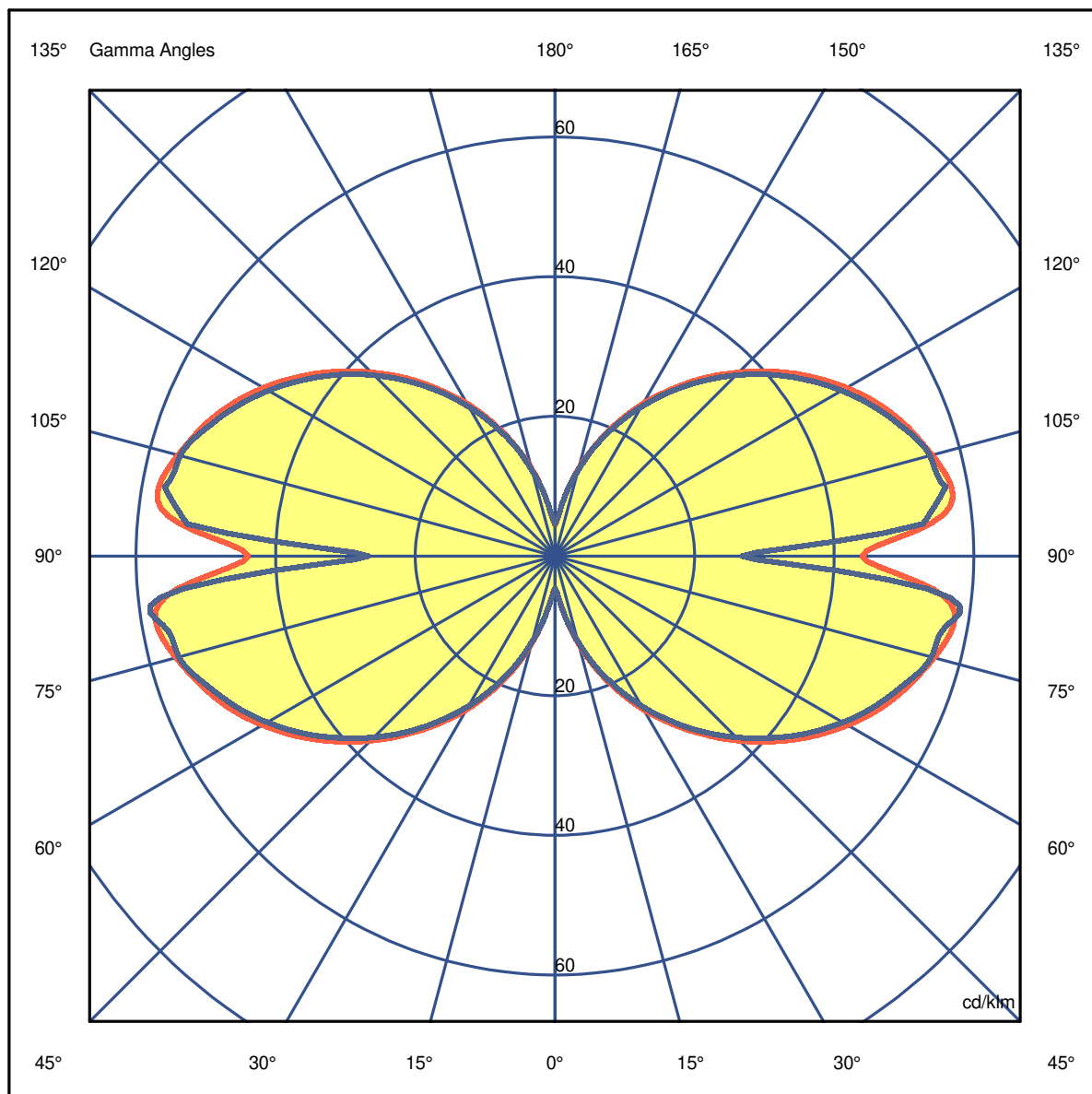
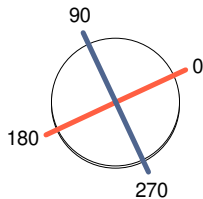
Code 30/6/2023
Name OREO IN D970 BLINE 927

Luminaire Flux	1901 lm	Luminaire Power	38.0 W	Efficacy	50.014 lm/W	Efficiency	53.24%
Source Flux	3570 lm	Maximum value	57.90 cd/klm	Position	C=0.00 G=80.00	CG Double Symmetrical	

Diam=970mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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Right beam angle not found, gamma = 81

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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	6.5	7.5	7.4	8.5	9.7	6.5	7.5	7.3	8.4	9.6
x=2H y=3H	10.3	11.2	11.2	12.1	13.4	10.2	11.1	11.1	12.1	13.3
x=2H y=4H	12.3	13.1	13.2	14.1	15.3	12.2	13.1	13.2	14.0	15.3
x=2H y=6H	14.4	15.2	15.4	16.2	17.5	14.3	15.1	15.3	16.1	17.4
x=2H y=8H	15.6	16.3	16.5	17.3	18.6	15.5	16.3	16.5	17.3	18.5
x=2H y=12H	16.7	17.4	17.6	18.4	19.7	16.7	17.4	17.6	18.4	19.7
x=4H y=2H	7.7	8.6	8.7	9.5	10.8	7.7	8.6	8.6	9.5	10.7
x=4H y=3H	11.5	12.3	12.5	13.2	14.5	11.5	12.2	12.4	13.2	14.5
x=4H y=4H	13.7	14.4	14.6	15.3	16.6	13.6	14.3	14.6	15.3	16.6
x=4H y=6H	16.0	16.5	16.9	17.5	18.9	15.9	16.5	16.8	17.5	18.8
x=4H y=8H	17.1	17.7	18.1	18.7	20.0	17.1	17.7	18.1	18.7	20.0
x=4H y=12H	18.4	18.9	19.4	19.9	21.3	18.4	18.9	19.4	19.9	21.3
x=8H y=4H	14.4	15.0	15.4	16.0	17.3	14.4	15.0	15.4	16.0	17.3
x=8H y=6H	17.0	17.4	18.0	18.5	19.8	16.9	17.4	17.9	18.4	19.7
x=8H y=8H	18.3	18.7	19.3	19.8	21.2	18.3	18.8	19.4	19.8	21.2
x=8H y=12H	19.7	20.1	20.8	21.2	22.5	19.8	20.1	20.8	21.2	22.5
x=12H y=4H	14.7	15.2	15.7	16.2	17.6	14.6	15.2	15.6	16.2	17.5
x=12H y=6H	17.3	17.7	18.3	18.8	20.1	17.2	17.7	18.3	18.7	20.1
x=12H y=8H	18.7	19.1	19.8	20.2	21.5	18.8	19.1	19.8	20.2	21.6

Luminaire

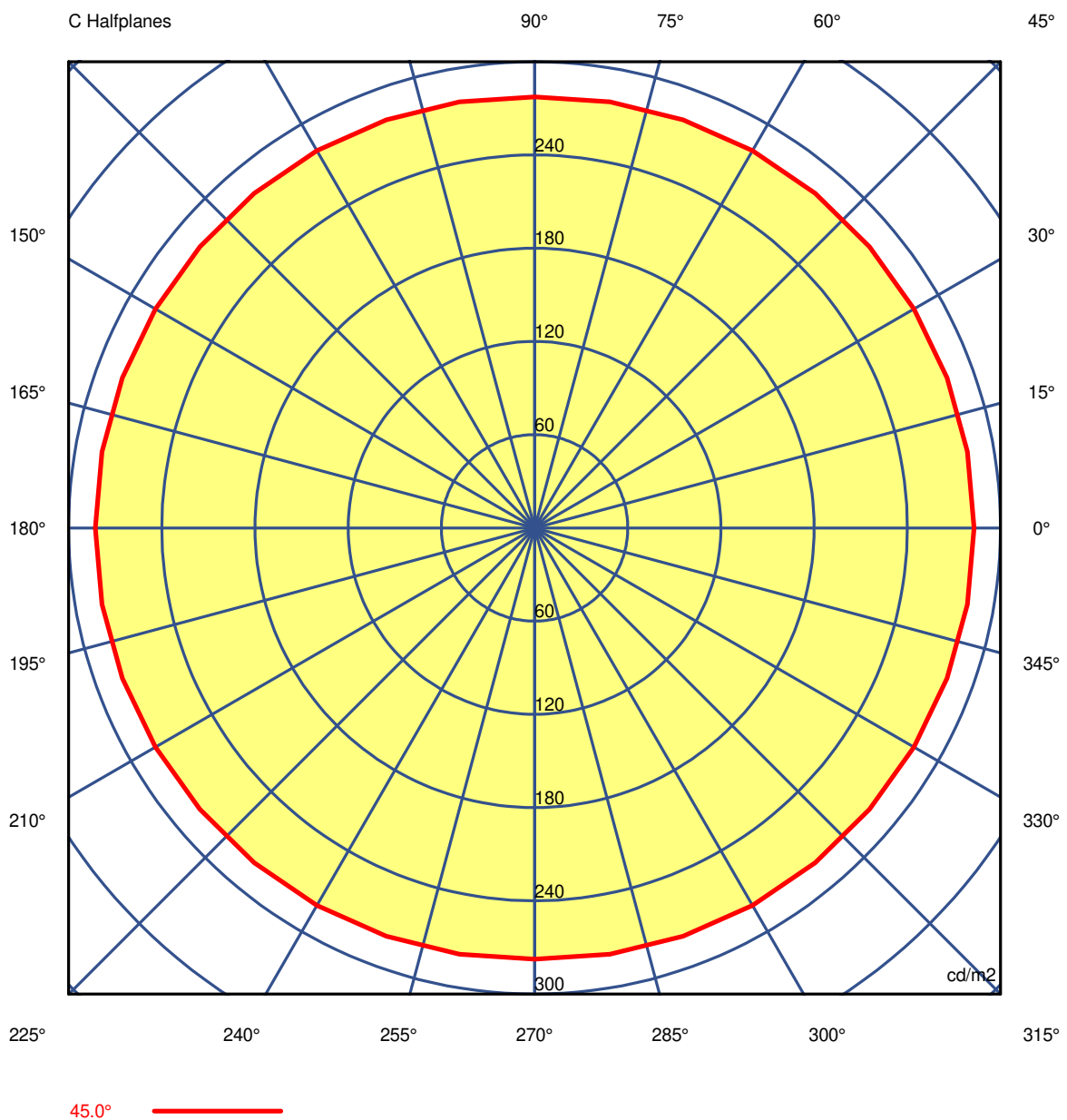
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Luminance



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Luminaire Flux	1901 lm		Luminaire Power		38.0 W		Efficacy		50.014 lm/W		Efficiency		53.24%	
Source Flux	3570 lm		Maximum value		57.90 cd/klm		Position		C=0.00 G=80.00		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	26	25	25	26	25	25	25	24	24	26	24	24	25	
G 5.0	34	33	33	34	33	33	33	33	33	34	33	33	33	
G 10.0	52	52	52	52	52	51	51	51	51	51	51	51	51	
G 15.0	75	75	74	74	74	74	73	73	73	73	73	73	73	
G 20.0	100	100	100	100	99	99	99	98	98	98	98	98	99	
G 25.0	128	128	128	128	128	127	126	126	126	125	126	126	126	
G 30.0	160	160	159	159	159	158	157	157	157	156	157	157	157	
G 35.0	195	195	194	194	194	194	193	192	191	191	191	192	193	
G 40.0	235	235	235	234	234	234	234	233	232	231	232	233	234	
G 45.0	283	283	283	282	282	281	281	280	279	278	279	280	281	
G 50.0	340	340	339	339	339	338	337	336	335	334	335	336	337	
G 55.0	411	411	410	409	409	408	408	406	405	404	405	406	408	
G 60.0	500	500	499	497	497	497	495	494	494	492	494	494	495	
G 65.0	618	617	615	613	613	613	612	611	610	609	610	611	612	
G 70.0	780	780	779	777	776	776	776	775	773	771	773	775	776	
G 75.0	1028	1032	1031	1028	1027	1026	1025	1025	1024	1021	1024	1025	1025	
G 80.0	1461	1460	1456	1451	1451	1449	1443	1441	1440	1438	1440	1441	1443	
G 85.0	2237	2296	2251	2187	2276	2283	2200	2246	2270	2196	2270	2246	2200	
G 90.0	4987	4826	5006	5225	4280	4047	4318	3181	2488	3037	2488	3181	4318	

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Measurement

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Source Flux		3570 lm		Maximum value		57.90 cd/klm		Position		C=0.00 G=80.00		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	25	25	26	25	25	26	25	25	25	26	25	25	25	24	
G 5.0	33	33	34	33	33	34	33	33	33	34	33	33	33	33	
G 10.0	51	52	52	52	52	52	52	52	52	52	52	51	51	51	
G 15.0	74	74	74	74	74	75	75	75	74	74	74	74	73	73	
G 20.0	99	99	100	100	100	100	100	100	100	100	99	99	99	98	
G 25.0	127	128	128	128	128	128	128	128	128	128	128	127	126	126	
G 30.0	158	159	159	159	160	160	160	160	159	159	159	158	157	157	
G 35.0	194	194	194	194	195	195	195	195	194	194	194	194	193	192	
G 40.0	234	234	234	235	235	235	235	235	235	234	234	234	234	233	
G 45.0	281	282	282	283	283	283	283	283	283	282	282	281	281	280	
G 50.0	338	339	339	339	340	340	340	340	339	339	339	338	337	336	
G 55.0	408	409	409	410	411	411	411	411	410	409	409	408	408	406	
G 60.0	497	497	497	499	500	500	500	499	499	497	497	497	495	494	
G 65.0	613	613	613	615	617	618	617	615	613	613	613	613	612	611	
G 70.0	776	776	777	779	780	780	780	779	777	777	776	776	776	775	
G 75.0	1026	1027	1028	1031	1032	1028	1032	1031	1028	1027	1027	1026	1025	1025	
G 80.0	1449	1451	1451	1456	1460	1461	1460	1456	1451	1451	1451	1449	1443	1441	
G 85.0	2283	2276	2187	2251	2296	2237	2296	2251	2187	2276	2283	2200	2246	2246	
G 90.0	4047	4280	5225	5006	4826	4987	4826	5006	5225	4280	4047	4318	3181	3181	

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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	24	26	24	24	25	25	25	26	25	25
G 5.0	33	34	33	33	33	33	33	34	33	33
G 10.0	51	51	51	51	51	51	52	52	52	52
G 15.0	73	73	73	73	73	74	74	74	74	75
G 20.0	98	98	98	98	99	99	99	100	100	100
G 25.0	126	125	126	126	126	127	128	128	128	128
G 30.0	157	156	157	157	157	158	159	159	159	160
G 35.0	191	191	191	192	193	194	194	194	194	195
G 40.0	232	231	232	233	234	234	234	234	235	235
G 45.0	279	278	279	280	281	281	282	282	283	283
G 50.0	335	334	335	336	337	338	339	339	339	340
G 55.0	405	404	405	406	408	408	409	409	410	411
G 60.0	494	492	494	494	495	497	497	497	499	500
G 65.0	610	609	610	611	612	613	613	613	615	617
G 70.0	773	771	773	775	776	776	776	777	779	780
G 75.0	1024	1021	1024	1025	1025	1026	1027	1028	1031	1032
G 80.0	1440	1438	1440	1441	1443	1449	1451	1451	1456	1460
G 85.0	2270	2196	2270	2246	2200	2283	2276	2187	2251	2296
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