

Luminaire

Code 90400L970
Name OREO IN D970 BLINE 930

Measurem.

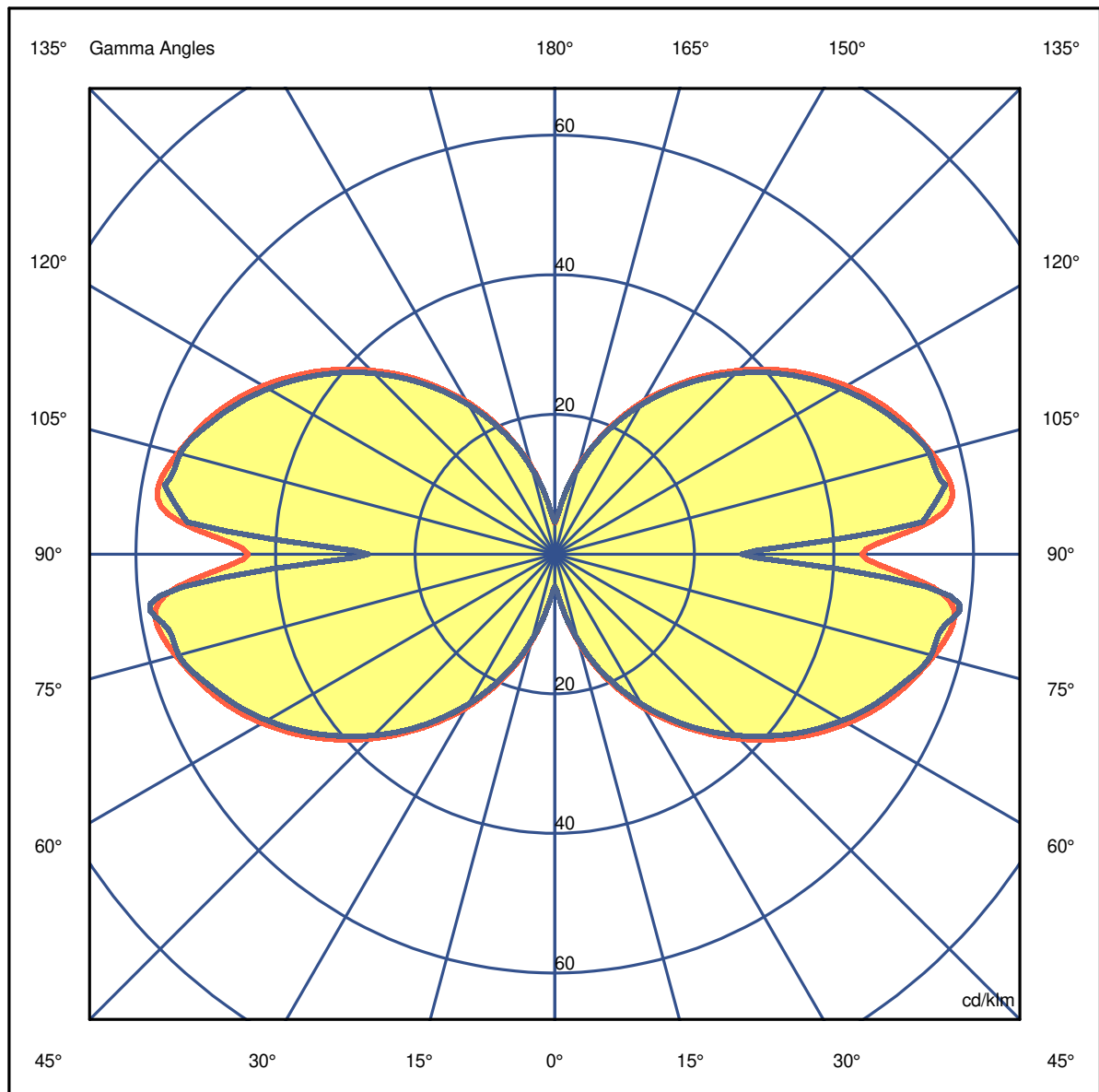
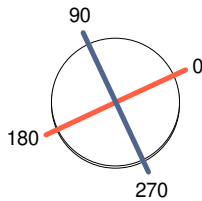
Code 30/6/2023
Name OREO IN D970 BLINE 930

Luminaire Flux	2044 lm	Luminaire Power	38.0 W	Efficacy	53.796 lm/W	Efficiency	53.24%
Source Flux	3840 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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Source Flux	3840 lm	Maximum value	57.90 cd/klm	Position	C=0.00 G=80.00	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	6.8	7.8	7.7	8.7	9.9	6.7	7.7	7.6	8.6	9.9
x=2H y=3H	10.5	11.4	11.4	12.4	13.6	10.4	11.4	11.4	12.3	13.5
x=2H y=4H	12.5	13.4	13.5	14.3	15.6	12.5	13.3	13.4	14.3	15.5
x=2H y=6H	14.7	15.5	15.6	16.5	17.7	14.6	15.4	15.5	16.4	17.6
x=2H y=8H	15.8	16.6	16.7	17.6	18.8	15.8	16.5	16.7	17.5	18.8
x=2H y=12H	16.9	17.7	17.9	18.7	19.9	16.9	17.7	17.9	18.6	19.9
x=4H y=2H	8.0	8.8	8.9	9.8	11.0	7.9	8.8	8.9	9.8	11.0
x=4H y=3H	11.8	12.5	12.7	13.5	14.8	11.7	12.5	12.7	13.5	14.7
x=4H y=4H	13.9	14.6	14.9	15.6	16.9	13.9	14.6	14.8	15.6	16.9
x=4H y=6H	16.2	16.8	17.2	17.8	19.1	16.1	16.7	17.1	17.7	19.0
x=4H y=8H	17.4	18.0	18.4	19.0	20.3	17.4	17.9	18.4	19.0	20.3
x=4H y=12H	18.6	19.1	19.6	20.2	21.5	18.6	19.2	19.6	20.2	21.5
x=8H y=4H	14.7	15.3	15.7	16.3	17.6	14.7	15.2	15.7	16.2	17.6
x=8H y=6H	17.2	17.7	18.2	18.7	20.1	17.2	17.6	18.2	18.7	20.0
x=8H y=8H	18.6	19.0	19.6	20.0	21.4	18.6	19.0	19.6	20.1	21.4
x=8H y=12H	20.0	20.4	21.0	21.4	22.8	20.0	20.4	21.1	21.4	22.8
x=12H y=4H	14.9	15.4	15.9	16.5	17.8	14.9	15.4	15.9	16.4	17.8
x=12H y=6H	17.6	18.0	18.6	19.0	20.4	17.5	17.9	18.5	19.0	20.3
x=12H y=8H	19.0	19.4	20.0	20.4	21.8	19.0	19.4	20.1	20.4	21.8

Luminaire

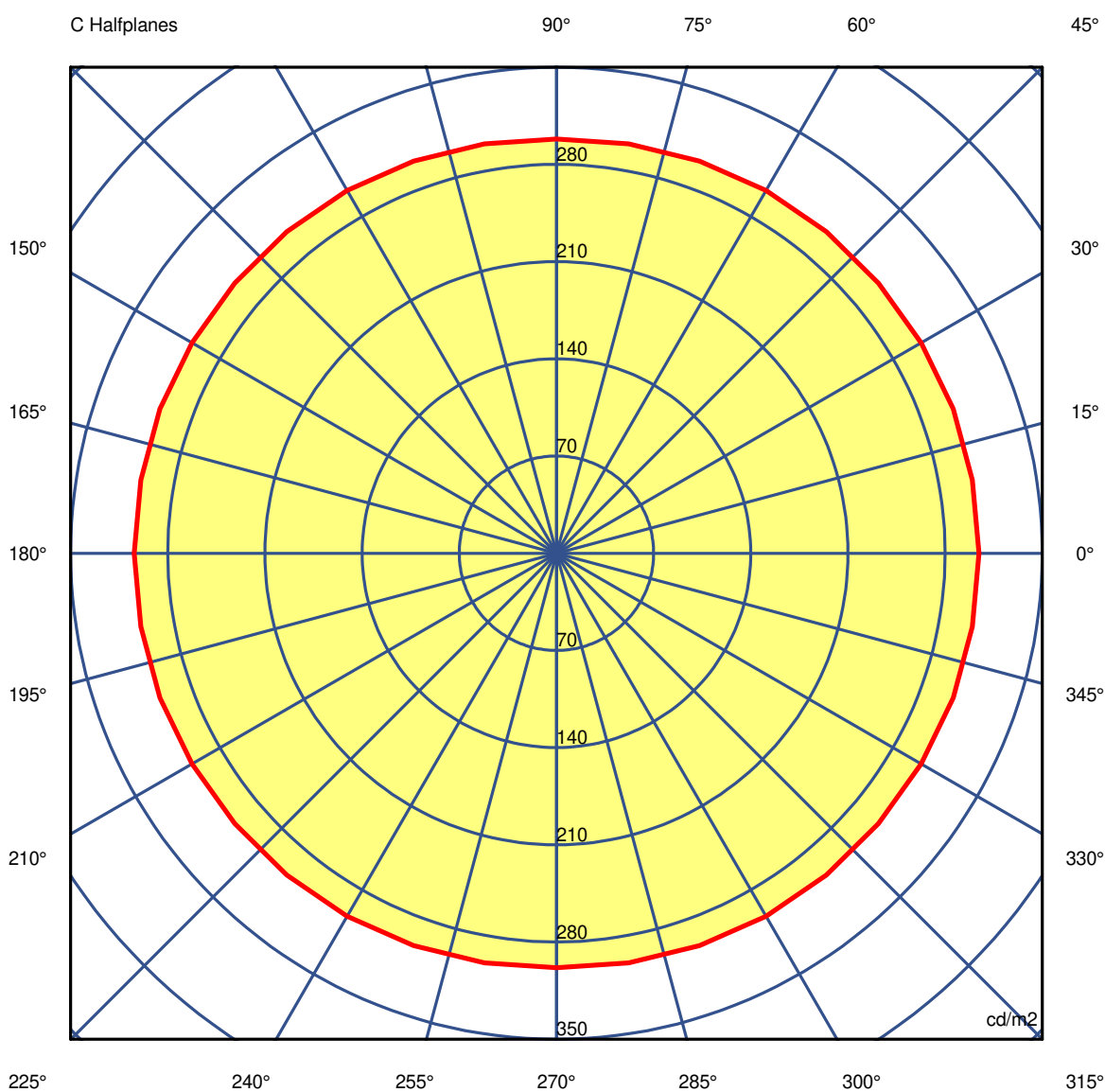
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Source Flux	3840 lm	Maximum value	57.90 cd/klm	Position	C=0.00 G=80.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	3840 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	28	27	27	28	27	27	27	26	26	28	26	26	27		
G 5.0	36	36	36	36	36	36	36	35	35	36	35	35	36		
G 10.0	56	56	56	56	55	55	55	55	55	55	55	55	55		
G 15.0	80	80	80	80	80	79	79	78	78	78	78	78	79		
G 20.0	108	107	107	107	107	106	106	106	105	105	105	106	106		
G 25.0	138	138	138	137	137	137	136	136	135	135	135	136	136		
G 30.0	172	172	171	171	171	170	169	169	169	168	169	169	169		
G 35.0	209	209	209	209	209	208	207	206	206	205	206	206	207		
G 40.0	253	253	252	252	252	252	251	250	249	248	249	250	251		
G 45.0	304	304	304	303	303	302	302	301	300	299	300	301	302		
G 50.0	366	366	365	364	364	364	363	361	360	359	360	361	363		
G 55.0	442	442	441	440	440	439	438	437	436	434	436	437	438		
G 60.0	538	538	536	535	535	534	533	532	531	529	531	532	533		
G 65.0	665	663	661	660	660	660	658	658	656	655	656	658	658		
G 70.0	839	839	838	836	834	834	834	833	832	830	832	833	834		
G 75.0	1106	1110	1109	1106	1105	1104	1102	1102	1101	1098	1101	1102	1102		
G 80.0	1571	1570	1566	1561	1561	1558	1552	1550	1549	1547	1549	1550	1552		
G 85.0	2406	2469	2421	2353	2448	2456	2366	2416	2441	2362	2441	2416	2366		
G 90.0	5364	5191	5384	5620	4604	4353	4645	3422	2676	3267	2676	3422	4645		

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Luminaire Flux		2044 lm		Luminaire Power		38.0 W		Efficacy		53.796 lm/W		Efficiency		53.24%												
Source Flux		3840 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	27	27	28	27	27	28	27	27	28	27	27	28	27	27	28	27	27	28	27	27	28	27	27	28	27	27
G 5.0	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	35
G 10.0	55	55	56	56	56	56	56	56	56	56	56	56	55	55	55	55	55	55	55	55	55	55	55	55	55	55
G 15.0	79	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	79	79	79	79	79	79	79	79	78	78
G 20.0	106	107	107	107	107	108	107	107	107	107	107	107	107	106	106	106	106	106	106	106	106	106	106	106	106	106
G 25.0	137	137	137	138	138	138	138	138	138	138	138	137	137	137	137	137	137	137	137	137	137	136	136	136	136	136
G 30.0	170	171	171	171	172	172	172	172	171	171	171	171	171	170	169	169	169	169	169	169	169	169	169	169	169	169
G 35.0	208	209	209	209	209	209	209	209	209	209	209	209	209	208	207	206	206	206	206	206	206	206	206	206	206	206
G 40.0	252	252	252	252	253	253	253	252	252	252	252	252	252	252	251	250	250	250	250	250	250	250	250	250	250	250
G 45.0	302	303	303	304	304	304	304	304	304	304	303	303	303	302	302	301	301	301	301	301	301	301	301	301	301	301
G 50.0	364	364	364	365	366	366	366	366	365	364	364	364	364	364	363	361	361	361	361	361	361	361	361	361	361	361
G 55.0	439	440	440	441	442	442	442	442	441	440	440	440	440	439	438	437	437	437	437	437	437	437	437	437	437	437
G 60.0	534	535	535	536	538	538	538	538	536	535	535	535	535	534	533	532	532	532	532	532	532	532	532	532	532	532
G 65.0	660	660	660	661	663	665	663	661	660	660	660	660	660	660	658	658	658	658	658	658	658	658	658	658	658	658
G 70.0	834	834	836	838	839	839	839	839	838	836	834	834	834	834	834	833	833	833	833	833	833	833	833	833	833	833
G 75.0	1104	1105	1106	1109	1110	1106	1110	1109	1106	1105	1104	1104	1104	1102	1102	1102	1102	1102	1102	1102	1102	1102	1102	1102	1102	1102
G 80.0	1558	1561	1561	1566	1570	1571	1570	1566	1561	1561	1558	1558	1558	1552	1550	1549	1549	1549	1549	1549	1549	1549	1549	1549	1549	1549
G 85.0	2456	2448	2353	2421	2469	2406	2469	2421	2353	2448	2456	2456	2456	2366	2416	2416	2416	2416	2416	2416	2416	2416	2416	2416	2416	2416
G 90.0	4353	4604	5620	5384	5191	5364	5191	5384	5620	4604	4353	4645	4645	4645	4645	4645	4645	4645	4645	4645	4645	4645	4645	4645	4645	4645

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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	26	28	26	26	27	27	27	28	27	27
G 5.0	35	36	35	35	36	36	36	36	36	36
G 10.0	55	55	55	55	55	55	55	56	56	56
G 15.0	78	78	78	78	79	79	80	80	80	80
G 20.0	105	105	105	106	106	106	107	107	107	107
G 25.0	135	135	135	136	136	137	137	137	138	138
G 30.0	169	168	169	169	169	170	171	171	171	172
G 35.0	206	205	206	206	207	208	209	209	209	209
G 40.0	249	248	249	250	251	252	252	252	252	253
G 45.0	300	299	300	301	302	302	303	303	304	304
G 50.0	360	359	360	361	363	364	364	364	365	366
G 55.0	436	434	436	437	438	439	440	440	441	442
G 60.0	531	529	531	532	533	534	535	535	536	538
G 65.0	656	655	656	658	658	660	660	660	661	663
G 70.0	832	830	832	833	834	834	834	836	838	839
G 75.0	1101	1098	1101	1102	1102	1104	1105	1106	1109	1110
G 80.0	1549	1547	1549	1550	1552	1558	1561	1561	1566	1570
G 85.0	2441	2362	2441	2416	2366	2456	2448	2353	2421	2469
G 90.0	2676	3267	2676	3422	4645	4353	4604	5620	5384	5191