

Luminaire

Code 90400L970
Name OREO IN D970 BLINE 940

Measurem.

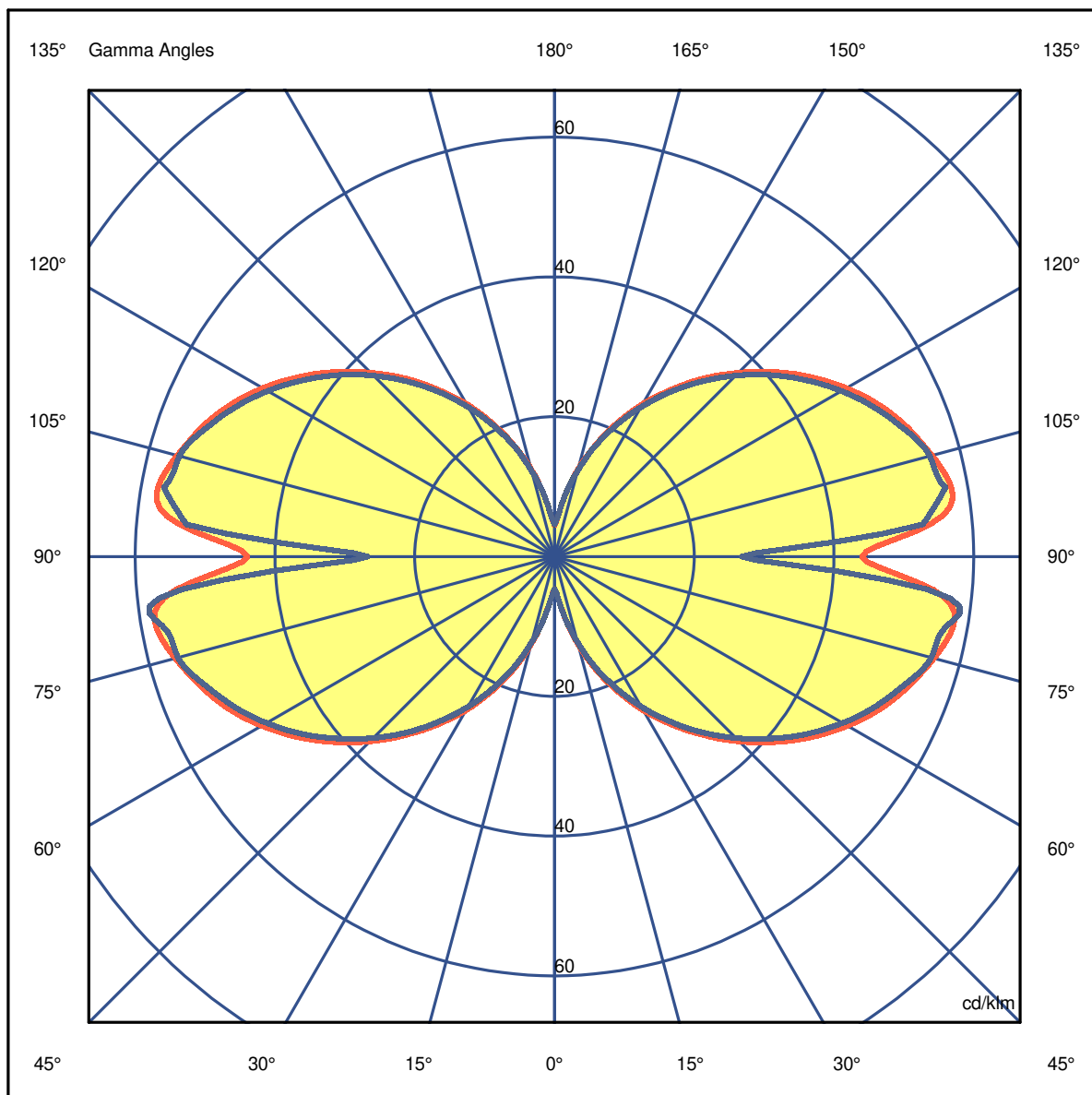
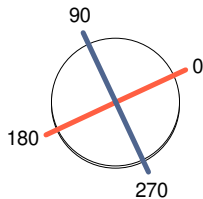
Code 30/6/2023
Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm	Luminaire Power	38.0 W	Efficacy	54.637 lm/W	Efficiency	53.24%
Source Flux	3900 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



Luminaire

Code 90400L970
Name OREO IN D970 BLINE 940

Measurem.

Code 30/6/2023
Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm	Luminaire Power	38.0 W	Efficacy	54.637 lm/W	Efficiency	53.24%
Source Flux	3900 lm	Maximum value	57.90 cd/klm	Position	C=0.00 G=80.00	CG	Double Symmetrical

Right beam angle not found, gamma = 81

Right beam angle not found, gamma = 81

Right beam angle not found, gamma = 81

Luminaire

Code 90400L970
Name OREO IN D970 BLINE 940

Measurem.

Code 30/6/2023
Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm	Luminaire Power	38.0 W	Efficacy	54.637 lm/W	Efficiency	53.24%
Source Flux	3900 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	8.8	10.0	6.8	7.8	7.7	8.7	9.9
x=2H y=3H	10.6	11.5	11.5	12.4	13.7	10.5	11.4	11.4	12.4	13.6
x=2H y=4H	12.6	13.5	13.5	14.4	15.6	12.5	13.4	13.5	14.4	15.6
x=2H y=6H	14.7	15.5	15.7	16.5	17.8	14.7	15.5	15.6	16.4	17.7
x=2H y=8H	15.9	16.6	16.8	17.6	18.9	15.8	16.6	16.8	17.6	18.8
x=2H y=12H	17.0	17.7	17.9	18.7	20.0	17.0	17.7	17.9	18.7	20.0
x=4H y=2H	8.0	8.9	9.0	9.8	11.1	8.0	8.9	8.9	9.8	11.0
x=4H y=3H	11.8	12.6	12.8	13.6	14.8	11.8	12.5	12.7	13.5	14.8
x=4H y=4H	14.0	14.7	14.9	15.7	17.0	13.9	14.6	14.9	15.6	16.9
x=4H y=6H	16.3	16.8	17.2	17.9	19.2	16.2	16.8	17.1	17.8	19.1
x=4H y=8H	17.5	18.0	18.5	19.0	20.4	17.4	18.0	18.4	19.0	20.3
x=4H y=12H	18.7	19.2	19.7	20.2	21.6	18.7	19.2	19.7	20.2	21.6
x=8H y=4H	14.8	15.3	15.8	16.3	17.7	14.7	15.3	15.7	16.3	17.6
x=8H y=6H	17.3	17.8	18.3	18.8	20.1	17.2	17.7	18.2	18.7	20.1
x=8H y=8H	18.6	19.1	19.6	20.1	21.5	18.6	19.1	19.7	20.1	21.5
x=8H y=12H	20.0	20.4	21.1	21.5	22.8	20.1	20.5	21.1	21.5	22.9
x=12H y=4H	15.0	15.5	16.0	16.5	17.9	15.0	15.5	15.9	16.5	17.8
x=12H y=6H	17.6	18.0	18.6	19.1	20.4	17.6	18.0	18.6	19.0	20.4
x=12H y=8H	19.1	19.4	20.1	20.5	21.8	19.1	19.5	20.1	20.5	21.9

Luminaire

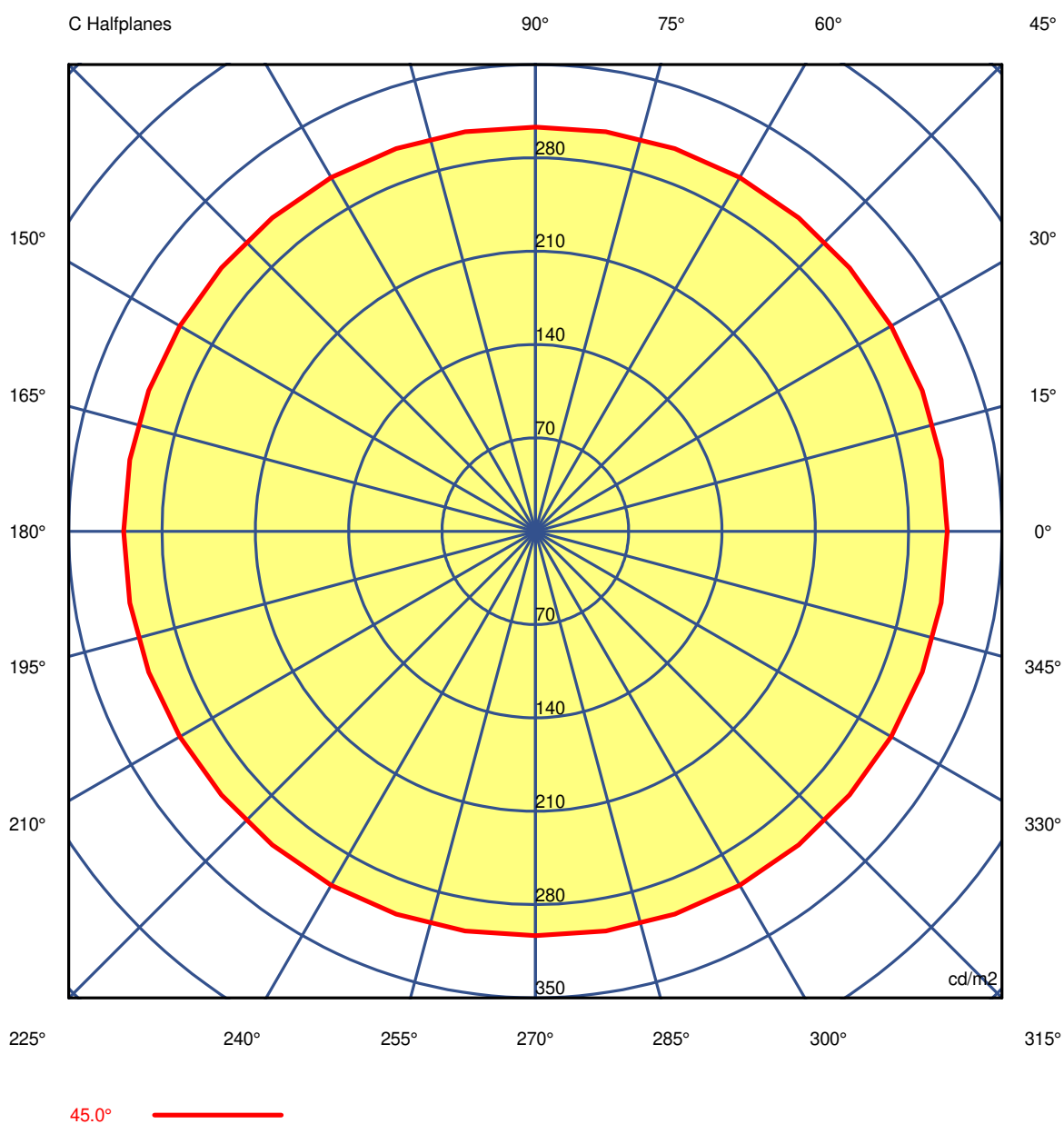
Code 90400L970
Name OREO IN D970 BLINE 940

Measurem.

Code 30/6/2023
Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm	Luminaire Power	38.0 W	Efficacy	54.637 lm/W	Efficiency	53.24%
Source Flux	3900 lm	Maximum value	57.90 cd/klm	Position	C=0.00 G=80.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90400L970

Name OREO IN D970 BLINE 940

Measurem.

Code 30/6/2023

Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm		Luminaire Power		38.0 W		Efficacy		54.637 lm/W		Efficiency		53.24%	
Source Flux	3900 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	28	27	27	28	27	27	28	
G 5.0	37	36	36	37	36	36	36	36	36	37	36	36	36	
G 10.0	57	57	57	57	56	56	56	56	56	56	56	56	56	
G 15.0	81	81	81	81	81	81	80	80	80	80	80	80	80	
G 20.0	110	109	109	109	109	108	108	107	107	107	107	107	108	
G 25.0	140	140	140	140	140	139	138	138	137	137	137	138	138	
G 30.0	175	174	174	173	173	173	172	172	171	171	171	172	172	
G 35.0	213	213	212	212	212	212	210	209	209	208	209	209	210	
G 40.0	257	257	256	256	256	256	255	254	253	252	253	254	255	
G 45.0	309	309	309	308	308	307	306	305	304	303	304	305	306	
G 50.0	372	371	371	370	370	370	368	367	366	365	366	367	368	
G 55.0	449	449	448	447	447	446	445	444	443	441	443	444	445	
G 60.0	547	546	545	543	543	543	541	540	539	538	539	540	541	
G 65.0	675	674	672	670	670	670	669	668	667	665	667	668	669	
G 70.0	852	852	851	849	847	847	847	846	845	843	845	846	847	
G 75.0	1124	1127	1127	1124	1122	1121	1120	1120	1119	1116	1119	1120	1120	
G 80.0	1596	1595	1590	1585	1585	1583	1577	1574	1573	1571	1573	1574	1577	
G 85.0	2444	2508	2459	2390	2486	2495	2403	2453	2480	2399	2480	2453	2403	
G 90.0	5448	5272	5468	5708	4676	4421	4717	3476	2718	3318	2718	3476	4717	

Luminaire

Code 90400L970
Name OREO IN D970 BLINE 940

Measurem.

Code 30/6/2023
Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm	Luminaire Power	38.0 W	Efficacy	54.637 lm/W	Efficiency	53.24%
Source Flux	3900 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
G 5.0	36	36	37	36	36	37	36	36	37	36	36	36	36
G 10.0	56	56	57	57	57	57	57	57	57	56	56	56	56
G 15.0	81	81	81	81	81	81	81	81	81	81	81	80	80
G 20.0	108	109	109	109	109	110	109	109	109	109	108	108	107
G 25.0	139	140	140	140	140	140	140	140	140	140	139	138	138
G 30.0	173	173	173	174	174	175	174	174	173	173	173	172	172
G 35.0	212	212	212	212	213	213	213	212	212	212	212	210	209
G 40.0	256	256	256	256	257	257	257	256	256	256	256	255	254
G 45.0	307	308	308	309	309	309	309	309	308	308	307	306	305
G 50.0	370	370	370	371	371	372	371	371	370	370	370	368	367
G 55.0	446	447	447	448	449	449	449	448	447	447	446	445	444
G 60.0	543	543	543	545	546	547	546	545	543	543	543	541	540
G 65.0	670	670	670	672	674	675	674	672	670	670	670	669	668
G 70.0	847	847	849	851	852	852	852	851	849	847	847	847	846
G 75.0	1121	1122	1124	1127	1127	1124	1127	1127	1124	1122	1121	1120	1120
G 80.0	1583	1585	1585	1590	1595	1596	1595	1590	1585	1585	1583	1577	1574
G 85.0	2495	2486	2390	2459	2508	2444	2508	2459	2390	2486	2495	2403	2453
G 90.0	4421	4676	5708	5468	5272	5448	5272	5468	5708	4676	4421	4717	3476

Luminaire

Code 90400L970
Name OREO IN D970 BLINE 940

Measurem.

Code 30/6/2023
Name OREO IN D970 BLINE 940

Luminaire Flux	2076 lm	Luminaire Power	38.0 W	Efficacy	54.637 lm/W	Efficiency	53.24%
----------------	---------	-----------------	--------	----------	-------------	------------	--------

Source Flux	3900 lm	Maximum value	57.90 cd/klm	Position	C=0.00 G=80.00	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	27	28	27	27	28	27	27	28	27	27
G 5.0	36	37	36	36	36	36	36	37	36	36
G 10.0	56	56	56	56	56	56	56	57	57	57
G 15.0	80	80	80	80	80	81	81	81	81	81
G 20.0	107	107	107	107	108	108	109	109	109	109
G 25.0	137	137	137	138	138	139	140	140	140	140
G 30.0	171	171	171	172	172	173	173	173	174	174
G 35.0	209	208	209	209	210	212	212	212	212	213
G 40.0	253	252	253	254	255	256	256	256	256	257
G 45.0	304	303	304	305	306	307	308	308	309	309
G 50.0	366	365	366	367	368	370	370	370	371	371
G 55.0	443	441	443	444	445	446	447	447	448	449
G 60.0	539	538	539	540	541	543	543	543	545	546
G 65.0	667	665	667	668	669	670	670	670	672	674
G 70.0	845	843	845	846	847	847	847	849	851	852
G 75.0	1119	1116	1119	1120	1120	1121	1122	1124	1127	1127
G 80.0	1573	1571	1573	1574	1577	1583	1585	1585	1590	1595
G 85.0	2480	2399	2480	2453	2403	2495	2486	2390	2459	2508
G 90.0	2718	3318	2718	3476	4717	4421	4676	5708	5468	5272