

## PHOTOMETRIC RESULTS

<b>Name:</b>	OREO /C Out D630 bLINE HF 927 W		
<b>Number:</b>	01	<b>Diameter:</b>	630 mm
<b>Report:</b>	20-06-2018	<b>Length:</b>	0 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	0 mm
<b>Lamp type:</b>	LED 927 - 01	<b>Height:</b>	35 mm
<b>Number:</b>	1	<b>Power:</b>	25 W
<b>Lamp flux:</b>	2340,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	04-09-2018 11:01:11	<b>Output ratio:</b>	47,2 %

## Protocol

**LiTG-class:** C11  
**UTE-class:** Not available  
**IES-class:** 11 - 33 - 65 - 51 - 47  
**TM5-class:** BZ10

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	267,8°	272,0°
Half peak side angle (left)	-133,9°	-136,0°
Half peak side angle (right)	133,9°	136,0°
One tenth peak divergence	331,0°	330,0°
Tenth peak side angle (left)	-165,5°	-165,0°
Tenth peak side angle (right)	165,5°	165,0°

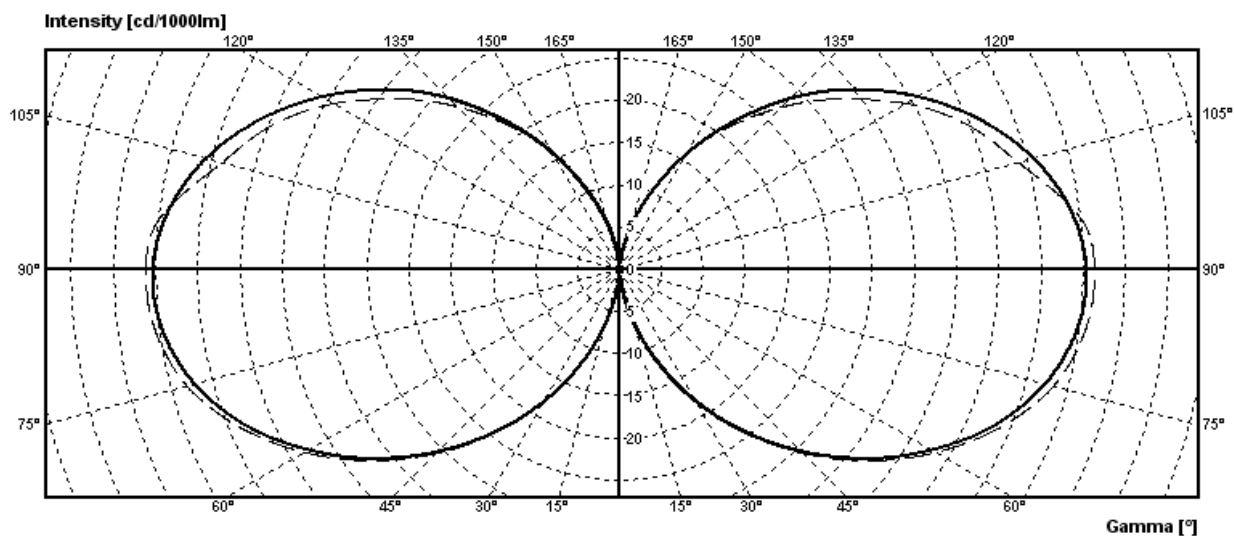
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<b>Gamma:</b>	0,0°	5,0°	10,0°	15,0°	20,0°	25,0°	30,0°	35,0°	40,0°	45,0°
	50,0°	55,0°	60,0°	65,0°	70,0°	75,0°	80,0°	85,0°	90,0°	95,0°
	100,0°	105,0°	110,0°	115,0°	120,0°	125,0°	130,0°	135,0°	140,0°	145,0°
	150,0°	155,0°	160,0°	165,0°	170,0°	175,0°	180,0°			

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Polar diagram OREO /C Out D630 bLINE HF 927 W / Total in 15° C / 5° G



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## UGR Unified Glare Ratios

<b>Ceiling reflectance</b>		<b>0,7</b>	<b>0,7</b>	<b>0,5</b>	<b>0,5</b>	<b>0,3</b>	<b>0,7</b>	<b>0,7</b>	<b>0,5</b>	<b>0,5</b>	<b>0,3</b>
<b>Wall reflectance</b>		<b>0,5</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,5</b>	<b>0,3</b>	<b>0,3</b>
<b>Floor cavity reflectance</b>		<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>
<b>Room dimension</b>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	6,8	7,9	7,7	8,8	10,1	6,9	7,9	7,8	8,9	10,1
<b>2H</b>	<b>3H</b>	10,8	11,8	11,7	12,7	14,0	10,9	11,9	11,8	12,8	14,1
<b>2H</b>	<b>4H</b>	12,9	13,8	13,8	14,8	16,1	13,0	14,0	13,9	14,9	16,2
<b>2H</b>	<b>6H</b>	15,1	16,0	16,0	17,0	18,3	15,2	16,2	16,2	17,1	18,4
<b>2H</b>	<b>8H</b>	16,2	17,1	17,2	18,1	19,4	16,4	17,2	17,3	18,2	19,5
<b>2H</b>	<b>12H</b>	17,4	18,3	18,3	19,3	20,5	17,5	18,4	18,5	19,4	20,7
<b>4H</b>	<b>2H</b>	8,2	9,2	9,1	10,1	11,4	8,2	9,2	9,2	10,2	11,4
<b>4H</b>	<b>3H</b>	12,2	13,0	13,1	14,0	15,3	12,2	13,1	13,2	14,1	15,4
<b>4H</b>	<b>4H</b>	14,4	15,2	15,4	16,2	17,5	14,5	15,3	15,5	16,3	17,6
<b>4H</b>	<b>6H</b>	16,7	17,5	17,7	18,5	19,8	16,8	17,6	17,8	18,6	19,9
<b>4H</b>	<b>8H</b>	17,9	18,6	18,9	19,6	20,9	18,1	18,7	19,0	19,8	21,0
<b>4H</b>	<b>12H</b>	19,2	19,9	20,2	20,9	22,2	19,4	20,0	20,3	21,0	22,3
<b>8H</b>	<b>4H</b>	15,3	15,9	16,2	17,0	18,3	15,3	16,0	16,3	17,0	18,3
<b>8H</b>	<b>6H</b>	17,8	18,4	18,7	19,4	20,7	17,9	18,5	18,8	19,5	20,8
<b>8H</b>	<b>8H</b>	19,2	19,7	20,2	20,8	22,1	19,3	19,8	20,3	20,8	22,2
<b>8H</b>	<b>12H</b>	20,6	21,1	21,6	22,1	23,5	20,7	21,2	21,7	22,2	23,6
<b>12H</b>	<b>4H</b>	15,5	16,2	16,5	17,2	18,5	15,6	16,2	16,5	17,2	18,5
<b>12H</b>	<b>6H</b>	18,2	18,7	19,1	19,7	21,0	18,2	18,8	19,2	19,8	21,1
<b>12H</b>	<b>8H</b>	19,6	20,1	20,6	21,1	22,4	19,7	20,2	20,7	21,2	22,5

UGR values are corrected for lamp flux of 2340 lm by 3,0

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Luminance [cd/m<sup>2</sup>] OREO /C Out D630 bLINE HF 927 W / Total in 15° C / 5° G

G/C [cd/	0,00	15,00	30,00	45,00	60,00	75,00	90,00	105,00	120,00
45,00	408,71	406,33	407,12	407,92	408,71	409,69	411,47	409,69	408,71
50,00	511,38	508,55	509,75	510,83	511,92	513,88	515,51	513,88	511,92
55,00	641,58	637,68	639,26	640,60	642,55	645,11	647,43	645,11	642,55
60,00	808,69	806,04	807,16	809,67	812,05	816,24	818,76	816,24	812,05
65,00	1040,14	1036,50	1036,99	1039,80	1044,27	1050,89	1054,03	1050,89	1044,27
70,00	1373,55	1368,44	1369,46	1374,16	1380,70	1391,74	1396,85	1391,74	1380,70
75,00	1910,71	1905,04	1905,85	1913,95	1922,86	1942,31	1947,98	1942,31	1922,86
80,00	2950,13	2944,49	2945,70	2960,19	2971,06	3000,85	3000,85	3000,85	2971,06
85,00	5998,12	5993,31	5994,11	6022,98	6045,44	6085,55	6094,37	6085,55	6045,44

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	407,92	407,12	406,33	408,71	406,33	407,12	407,92	408,71	409,69
50,00	510,83	509,75	508,55	511,38	508,55	509,75	510,83	511,92	513,88
55,00	640,60	639,26	637,68	641,58	637,68	639,26	640,60	642,55	645,11
60,00	809,67	807,16	806,04	808,69	806,04	807,16	809,67	812,05	816,24
65,00	1039,80	1036,99	1036,50	1040,14	1036,50	1036,99	1039,80	1044,27	1050,89
70,00	1374,16	1369,46	1368,44	1373,55	1368,44	1369,46	1374,16	1380,70	1391,74
75,00	1913,95	1905,85	1905,04	1910,71	1905,04	1905,85	1913,95	1922,86	1942,31
80,00	2960,19	2945,70	2944,49	2950,13	2944,49	2945,70	2960,19	2971,06	3000,85
85,00	6022,98	5994,11	5993,31	5998,12	5993,31	5994,11	6022,98	6045,44	6085,55

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	411,47	409,69	408,71	407,92	407,12	406,33
50,00	515,51	513,88	511,92	510,83	509,75	508,55
55,00	647,43	645,11	642,55	640,60	639,26	637,68
60,00	818,76	816,24	812,05	809,67	807,16	806,04
65,00	1054,03	1050,89	1044,27	1039,80	1036,99	1036,50
70,00	1396,85	1391,74	1380,70	1374,16	1369,46	1368,44
75,00	1947,98	1942,31	1922,86	1913,95	1905,85	1905,04
80,00	3000,85	3000,85	2971,06	2960,19	2945,70	2944,49
85,00	6094,37	6085,55	6045,44	6022,98	5994,11	5993,31

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