

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO /C In/Out D630 bLINE HF 940 W</b>		
<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 940 - 01	<b>Height:</b>	35 mm
<b>Number:</b>	1	<b>Power:</b>	51,1 W
<b>Lamp flux:</b>	3770,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	04-07-2018 10:21:51	<b>Output ratio:</b>	45,2 %

## Protocol

**LiTG-class:** B21  
**UTE-class:** 0,32 J + 0,13 T  
**IES-class:** 23 - 52 - 78 - 71 - 45  
**TM5-class:** BZ10/1.00/BZ7

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	208,3°	207,4°
<b>Half peak side angle (left)</b>	-104,2°	-103,7°
<b>Half peak side angle (right)</b>	104,2°	103,7°
<b>One tenth peak divergence</b>	306,7°	312,0°
<b>Tenth peak side angle (left)</b>	-153,4°	-156,0°
<b>Tenth peak side angle (right)</b>	153,4°	156,0°

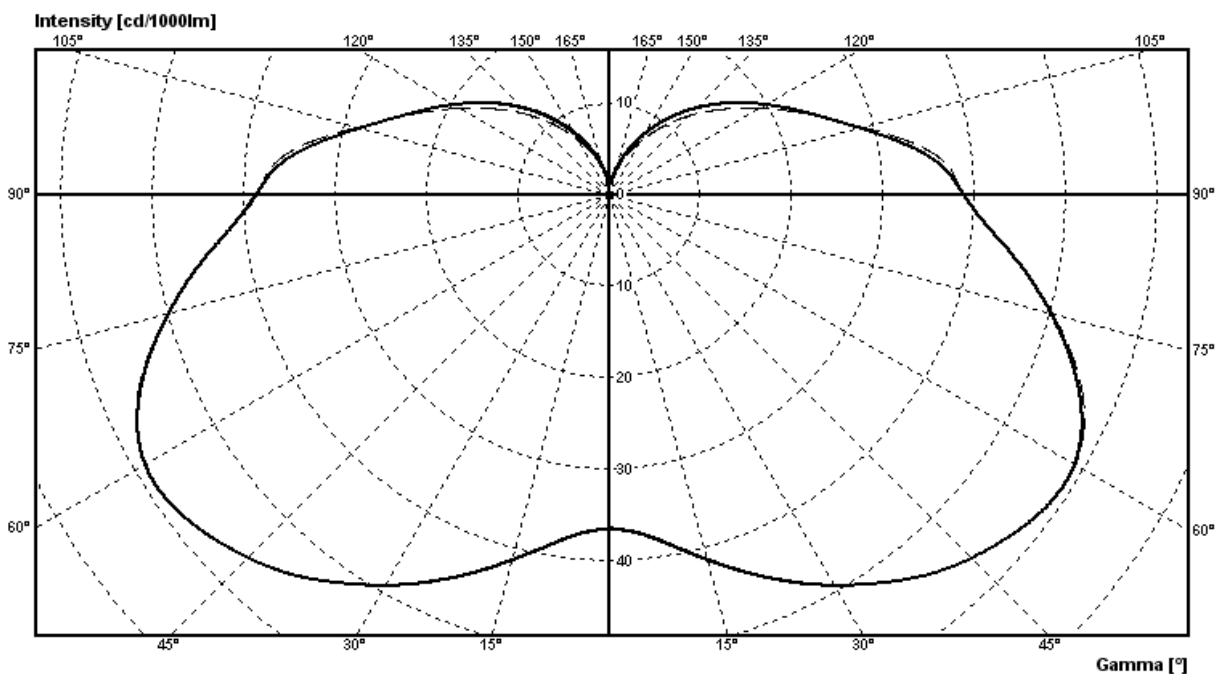
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 In/Out D630 bLINE HF 940 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>		Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	11,6	12,8	12,3	13,6	14,5	11,6	12,9	12,3	13,6	14,6
<b>2H</b>	<b>3H</b>	14,5	15,7	15,2	16,5	17,4	14,5	15,7	15,2	16,5	17,4
<b>2H</b>	<b>4H</b>	16,0	17,1	16,7	17,9	18,9	16,0	17,1	16,7	17,9	18,9
<b>2H</b>	<b>6H</b>	17,5	18,6	18,3	19,4	20,4	17,5	18,6	18,3	19,4	20,4
<b>2H</b>	<b>8H</b>	18,3	19,3	19,0	20,1	21,1	18,3	19,3	19,0	20,1	21,1
<b>2H</b>	<b>12H</b>	19,1	20,1	19,8	20,9	21,9	19,1	20,1	19,8	20,9	21,9
<b>4H</b>	<b>2H</b>	12,7	13,8	13,4	14,6	15,6	12,7	13,8	13,4	14,6	15,6
<b>4H</b>	<b>3H</b>	15,7	16,7	16,5	17,5	18,5	15,7	16,7	16,5	17,5	18,5
<b>4H</b>	<b>4H</b>	17,4	18,3	18,1	19,1	20,1	17,4	18,3	18,2	19,1	20,1
<b>4H</b>	<b>6H</b>	19,0	19,9	19,8	20,7	21,7	19,0	19,9	19,8	20,7	21,7
<b>4H</b>	<b>8H</b>	19,9	20,7	20,7	21,5	22,5	19,9	20,7	20,7	21,5	22,5
<b>4H</b>	<b>12H</b>	20,8	21,6	21,6	22,4	23,4	20,8	21,6	21,6	22,4	23,4
<b>8H</b>	<b>4H</b>	18,0	18,8	18,8	19,6	20,6	18,0	18,8	18,8	19,6	20,6
<b>8H</b>	<b>6H</b>	19,9	20,6	20,7	21,4	22,4	19,9	20,6	20,7	21,4	22,5
<b>8H</b>	<b>8H</b>	21,0	21,6	21,8	22,4	23,5	21,0	21,6	21,8	22,4	23,5
<b>8H</b>	<b>12H</b>	22,1	22,6	22,9	23,5	24,5	22,0	22,6	22,9	23,5	24,5
<b>12H</b>	<b>4H</b>	18,1	18,9	19,0	19,7	20,8	18,2	18,9	19,0	19,7	20,8
<b>12H</b>	<b>6H</b>	20,2	20,8	21,0	21,6	22,7	20,2	20,8	21,0	21,7	22,7
<b>12H</b>	<b>8H</b>	21,3	21,8	22,1	22,7	23,7	21,3	21,8	22,1	22,7	23,7

UGR values are corrected for lamp flux of 3770 lm by 4,6

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Luminance [cd/m<sup>2</sup>] OREO /C In/Out D630 bLINE HF 940 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	1210,12	1209,58	1209,68	1212,19	1211,36	1212,55	1208,92	1212,55	1211,36
50,00	1368,64	1367,58	1368,12	1370,48	1369,63	1371,61	1367,95	1371,61	1369,63
55,00	1564,02	1566,81	1566,69	1570,10	1568,37	1572,80	1564,95	1572,80	1568,37
60,00	1795,29	1800,45	1798,63	1803,11	1800,84	1806,90	1797,47	1806,90	1800,84
65,00	2062,12	2071,74	2068,76	2073,50	2070,23	2081,69	2070,68	2081,69	2070,23
70,00	2408,59	2406,68	2406,07	2407,47	2406,28	2415,08	2420,88	2415,08	2406,28
75,00	2953,17	2948,83	2949,64	2950,71	2946,73	2961,28	2960,87	2961,28	2946,73
80,00	4039,93	4048,88	4046,05	4051,34	4039,79	4067,45	4043,54	4067,45	4039,79
85,00	7312,42	7502,45	7392,28	7538,99	7340,58	7327,96	7319,98	7327,96	7340,58

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	1212,19	1209,68	1209,58	1210,12	1209,58	1209,68	1212,19	1211,36	1212,55
50,00	1370,48	1368,12	1367,58	1368,64	1367,58	1368,12	1370,48	1369,63	1371,61
55,00	1570,10	1566,69	1566,81	1564,02	1566,81	1566,69	1570,10	1568,37	1572,80
60,00	1803,11	1798,63	1800,45	1795,29	1800,45	1798,63	1803,11	1800,84	1806,90
65,00	2073,50	2068,76	2071,74	2062,12	2071,74	2068,76	2073,50	2070,23	2081,69
70,00	2407,47	2406,07	2406,68	2408,59	2406,68	2406,07	2407,47	2406,28	2415,08
75,00	2950,71	2949,64	2948,83	2953,17	2948,83	2949,64	2950,71	2946,73	2961,28
80,00	4051,34	4046,05	4048,88	4039,93	4048,88	4046,05	4051,34	4039,79	4067,45
85,00	7538,99	7392,28	7502,45	7312,42	7502,45	7392,28	7538,99	7340,58	7327,96

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	1208,92	1212,55	1211,36	1212,19	1209,68	1209,58
50,00	1367,95	1371,61	1369,63	1370,48	1368,12	1367,58
55,00	1564,95	1572,80	1568,37	1570,10	1566,69	1566,81
60,00	1797,47	1806,90	1800,84	1803,11	1798,63	1800,45
65,00	2070,68	2081,69	2070,23	2073,50	2068,76	2071,74
70,00	2420,88	2415,08	2406,28	2407,47	2406,07	2406,68
75,00	2960,87	2961,28	2946,73	2950,71	2949,64	2948,83
80,00	4043,54	4067,45	4039,79	4051,34	4046,05	4048,88
85,00	7319,98	7327,96	7340,58	7538,99	7392,28	7502,45

## HEADQUARTERS

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