

## PHOTOMETRIC RESULTS

<b>Name:</b>	OREO Out D630 bLINE 940 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 940 - 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>	20-06-2018 15:33:50	<b>Output ratio:</b>	54,9 %

## Protocol

**LiTG-class:** C11  
**UTE-class:** Not available  
**IES-class:** 11 - 34 - 65 - 50 - 55  
**TM5-class:** BZ10

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	277,0°	277,9°
<b>Half peak side angle (left)</b>	-138,5°	-138,9°
<b>Half peak side angle (right)</b>	138,5°	138,9°
<b>One tenth peak divergence</b>	334,8°	335,7°
<b>Tenth peak side angle (left)</b>	-167,4°	-167,8°
<b>Tenth peak side angle (right)</b>	167,4°	167,8°

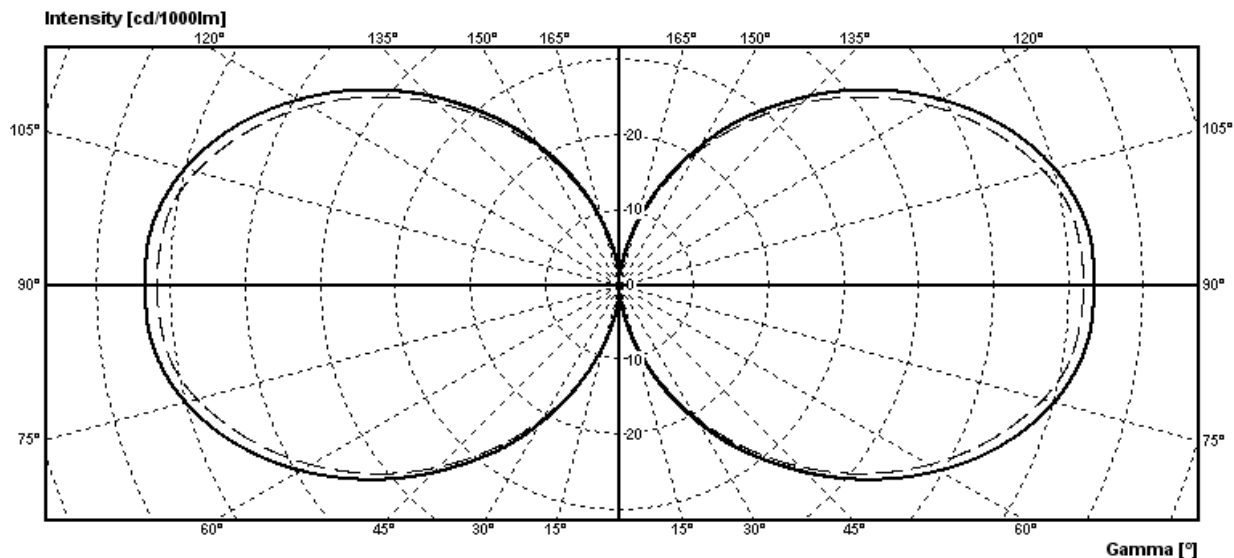
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 Out D630 bLINE 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>	7,2	8,3	8,1	9,3	10,5	7,1	8,1	8,0	9,1	10,3
<b>2H</b>	<b>3H</b>	11,2	12,2	12,1	13,2	14,4	11,0	12,0	11,9	13,0	14,2
<b>2H</b>	<b>4H</b>	13,3	14,3	14,3	15,3	16,5	13,2	14,1	14,1	15,1	16,4
<b>2H</b>	<b>6H</b>	15,6	16,5	16,5	17,4	18,7	15,4	16,3	16,3	17,3	18,6
<b>2H</b>	<b>8H</b>	16,7	17,5	17,6	18,5	19,8	16,5	17,4	17,4	18,4	19,7
<b>2H</b>	<b>12H</b>	17,8	18,7	18,8	19,7	21,0	17,7	18,5	18,6	19,5	20,8
<b>4H</b>	<b>2H</b>	8,6	9,5	9,5	10,5	11,8	8,5	9,4	9,4	10,4	11,7
<b>4H</b>	<b>3H</b>	12,6	13,4	13,5	14,4	15,7	12,4	13,3	13,4	14,3	15,6
<b>4H</b>	<b>4H</b>	14,8	15,6	15,8	16,6	17,9	14,7	15,5	15,7	16,5	17,8
<b>4H</b>	<b>6H</b>	17,2	17,9	18,1	18,9	20,2	17,0	17,7	18,0	18,7	20,0
<b>4H</b>	<b>8H</b>	18,4	19,0	19,3	20,1	21,4	18,2	18,9	19,2	19,9	21,2
<b>4H</b>	<b>12H</b>	19,7	20,3	20,6	21,3	22,6	19,5	20,1	20,5	21,1	22,5
<b>8H</b>	<b>4H</b>	15,6	16,3	16,6	17,3	18,7	15,5	16,2	16,5	17,2	18,5
<b>8H</b>	<b>6H</b>	18,2	18,8	19,2	19,8	21,1	18,1	18,6	19,0	19,7	21,0
<b>8H</b>	<b>8H</b>	19,6	20,1	20,6	21,1	22,5	19,5	20,0	20,5	21,0	22,4
<b>8H</b>	<b>12H</b>	21,0	21,5	22,0	22,5	23,9	20,9	21,4	21,9	22,4	23,7
<b>12H</b>	<b>4H</b>	15,9	16,5	16,9	17,5	18,9	15,8	16,4	16,8	17,4	18,8
<b>12H</b>	<b>6H</b>	18,5	19,1	19,5	20,1	21,4	18,4	19,0	19,4	20,0	21,3
<b>12H</b>	<b>8H</b>	20,0	20,4	21,0	21,5	22,8	19,9	20,3	20,9	21,4	22,7

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

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Luminance [cd/m<sup>2</sup>] OREO Out D630 bLINE 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	476,13	474,15	469,21	464,66	460,71	458,53	459,92	458,53	460,71
50,00	594,90	591,42	585,77	580,98	576,41	573,80	575,33	573,80	576,41
55,00	743,96	740,30	734,45	727,38	722,51	718,36	719,58	718,36	722,51
60,00	937,88	933,41	925,02	917,75	910,76	907,12	907,12	907,12	910,76
65,00	1202,24	1196,62	1186,03	1176,77	1167,84	1164,20	1163,87	1164,20	1167,84
70,00	1584,89	1579,58	1564,86	1552,19	1541,56	1539,93	1537,47	1539,93	1541,56
75,00	2203,50	2195,94	2174,33	2158,12	2148,40	2147,32	2146,24	2147,32	2148,40
80,00	3396,99	3388,94	3355,93	3331,78	3318,89	3325,33	3319,70	3325,33	3318,89
85,00	6883,64	6874,01	6817,87	6772,95	6739,26	6764,93	6707,18	6764,93	6739,26

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	464,66	469,21	474,15	476,13	474,15	469,21	464,66	460,71	458,53
50,00	580,98	585,77	591,42	594,90	591,42	585,77	580,98	576,41	573,80
55,00	727,38	734,45	740,30	743,96	740,30	734,45	727,38	722,51	718,36
60,00	917,75	925,02	933,41	937,88	933,41	925,02	917,75	910,76	907,12
65,00	1176,77	1186,03	1196,62	1202,24	1196,62	1186,03	1176,77	1167,84	1164,20
70,00	1552,19	1564,86	1579,58	1584,89	1579,58	1564,86	1552,19	1541,56	1539,93
75,00	2158,12	2174,33	2195,94	2203,50	2195,94	2174,33	2158,12	2148,40	2147,32
80,00	3331,78	3355,93	3388,94	3396,99	3388,94	3355,93	3331,78	3318,89	3325,33
85,00	6772,95	6817,87	6874,01	6883,64	6874,01	6817,87	6772,95	6739,26	6764,93

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	459,92	458,53	460,71	464,66	469,21	474,15
50,00	575,33	573,80	576,41	580,98	585,77	591,42
55,00	719,58	718,36	722,51	727,38	734,45	740,30
60,00	907,12	907,12	910,76	917,75	925,02	933,41
65,00	1163,87	1164,20	1167,84	1176,77	1186,03	1196,62
70,00	1537,47	1539,93	1541,56	1552,19	1564,86	1579,58
75,00	2146,24	2147,32	2148,40	2158,12	2174,33	2195,94
80,00	3319,70	3325,33	3318,89	3331,78	3355,93	3388,94
85,00	6707,18	6764,93	6739,26	6772,95	6817,87	6874,01

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