

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO Out D1270 bLINE 940 W</b>		
<b>Number:</b>	01	<b>Diameter:</b>	1270 mm
<b>Report:</b>	19-06-2018	<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>	53 W
<b>Lamp flux:</b>	4940,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	20-06-2018 8:19:14	<b>Output ratio:</b>	55,0 %

## Protocol

**LiTG-class:** C11  
**UTE-class:** Not available  
**IES-class:** 10 - 32 - 64 - 50 - 55  
**TM5-class:** BZ10

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	273,2°	273,3°
<b>Half peak side angle (left)</b>	-136,6°	-136,7°
<b>Half peak side angle (right)</b>	136,6°	136,7°
<b>One tenth peak divergence</b>	329,0°	329,3°
<b>Tenth peak side angle (left)</b>	-164,5°	-164,6°
<b>Tenth peak side angle (right)</b>	164,5°	164,6°

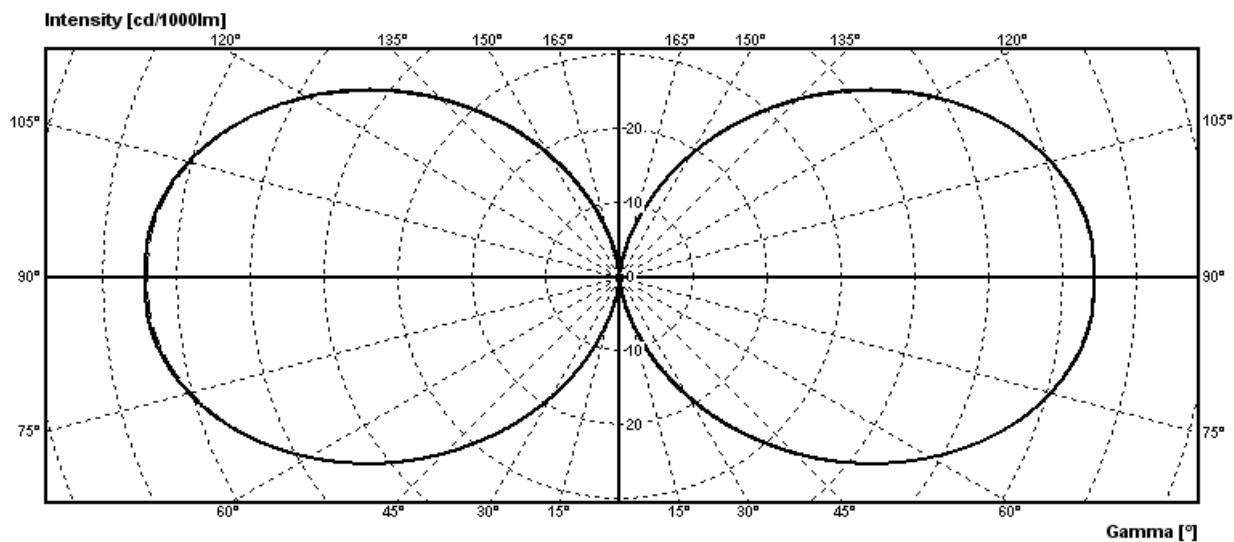
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 D1270 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	4,7	5,8	5,6	6,8	8,0	4,7	5,8	5,6	6,7	8,0
<b>2H</b>	<b>3H</b>	8,8	9,8	9,8	10,8	12,1	8,8	9,8	9,7	10,8	12,0
<b>2H</b>	<b>4H</b>	11,1	12,0	12,0	13,0	14,3	11,0	12,0	12,0	13,0	14,2
<b>2H</b>	<b>6H</b>	13,4	14,3	14,3	15,3	16,6	13,4	14,3	14,3	15,3	16,6
<b>2H</b>	<b>8H</b>	14,6	15,5	15,5	16,5	17,8	14,6	15,5	15,5	16,4	17,7
<b>2H</b>	<b>12H</b>	15,9	16,7	16,8	17,7	19,0	15,9	16,7	16,8	17,7	19,0
<b>4H</b>	<b>2H</b>	6,2	7,2	7,1	8,1	9,4	6,2	7,1	7,1	8,1	9,4
<b>4H</b>	<b>3H</b>	10,3	11,1	11,2	12,1	13,4	10,3	11,1	11,2	12,1	13,4
<b>4H</b>	<b>4H</b>	12,6	13,4	13,6	14,4	15,7	12,6	13,4	13,6	14,4	15,7
<b>4H</b>	<b>6H</b>	15,1	15,8	16,0	16,8	18,1	15,0	15,8	16,0	16,8	18,1
<b>4H</b>	<b>8H</b>	16,4	17,0	17,3	18,1	19,4	16,3	17,0	17,3	18,0	19,3
<b>4H</b>	<b>12H</b>	17,8	18,4	18,8	19,4	20,8	17,8	18,4	18,7	19,4	20,7
<b>8H</b>	<b>4H</b>	13,5	14,2	14,5	15,2	16,5	13,5	14,2	14,5	15,2	16,5
<b>8H</b>	<b>6H</b>	16,2	16,8	17,1	17,8	19,1	16,1	16,7	17,1	17,8	19,1
<b>8H</b>	<b>8H</b>	17,7	18,2	18,7	19,2	20,6	17,7	18,2	18,7	19,2	20,6
<b>8H</b>	<b>12H</b>	19,2	19,7	20,2	20,8	22,1	19,2	19,7	20,2	20,7	22,1
<b>12H</b>	<b>4H</b>	13,8	14,4	14,8	15,4	16,8	13,8	14,4	14,8	15,4	16,8
<b>12H</b>	<b>6H</b>	16,6	17,1	17,6	18,1	19,5	16,6	17,1	17,6	18,1	19,5
<b>12H</b>	<b>8H</b>	18,1	18,6	19,1	19,6	21,0	18,1	18,6	19,1	19,6	20,9

UGR values are corrected for lamp flux of 4940 lm by 5,5

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Luminance [cd/m<sup>2</sup>] OREO Out D1270 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	208,46	208,72	208,50	208,29	207,81	207,55	207,25	207,55	207,81
50,00	264,13	264,23	264,13	264,09	263,04	263,19	262,57	263,19	263,04
55,00	334,07	334,23	334,55	334,12	333,43	332,90	332,16	332,90	333,43
60,00	424,88	425,73	425,67	425,73	424,58	423,91	422,93	423,91	424,58
65,00	548,93	549,80	550,23	550,23	549,15	547,92	546,92	547,92	549,15
70,00	728,86	729,84	730,28	731,26	729,75	728,41	726,36	728,41	729,75
75,00	1017,04	1019,98	1020,22	1022,10	1019,98	1016,81	1014,22	1016,81	1019,98
80,00	1575,32	1580,05	1579,35	1582,33	1578,48	1573,92	1568,48	1573,92	1578,48
85,00	3204,68	3214,11	3214,81	3217,95	3211,32	3202,58	3190,36	3202,58	3211,32

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	208,29	208,50	208,72	208,46	208,72	208,50	208,29	207,81	207,55
50,00	264,09	264,13	264,23	264,13	264,23	264,13	264,09	263,04	263,19
55,00	334,12	334,55	334,23	334,07	334,23	334,55	334,12	333,43	332,90
60,00	425,73	425,67	425,73	424,88	425,73	425,67	425,73	424,58	423,91
65,00	550,23	550,23	549,80	548,93	549,80	550,23	550,23	549,15	547,92
70,00	731,26	730,28	729,84	728,86	729,84	730,28	731,26	729,75	728,41
75,00	1022,10	1020,22	1019,98	1017,04	1019,98	1020,22	1022,10	1019,98	1016,81
80,00	1582,33	1579,35	1580,05	1575,32	1580,05	1579,35	1582,33	1578,48	1573,92
85,00	3217,95	3214,81	3214,11	3204,68	3214,11	3214,81	3217,95	3211,32	3202,58

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	207,25	207,55	207,81	208,29	208,50	208,72
50,00	262,57	263,19	263,04	264,09	264,13	264,23
55,00	332,16	332,90	333,43	334,12	334,55	334,23
60,00	422,93	423,91	424,58	425,73	425,67	425,73
65,00	546,92	547,92	549,15	550,23	550,23	549,80
70,00	726,36	728,41	729,75	731,26	730,28	729,84
75,00	1014,22	1016,81	1019,98	1022,10	1020,22	1019,98
80,00	1568,48	1573,92	1578,48	1582,33	1579,35	1580,05
85,00	3190,36	3202,58	3211,32	3217,95	3214,81	3214,11

## HEADQUARTERS

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