

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO LINEA Down L2014 bLINE 940 W</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	26-06-2018	<b>Length:</b>	2014 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	35 mm
<b>Lamp type:</b>	LED 940 - 01	<b>Height:</b>	35 mm
<b>Number:</b>	1	<b>Power:</b>	28 W
<b>Lamp flux:</b>	2600,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	26-06-2018 14:52:54	<b>Output ratio:</b>	45,8 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,46 D  
**IES-class:** 51 - 82 - 96 - 100 - 46  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	100,6°	94,3°
<b>Half peak side angle (left)</b>	-50,3°	-47,2°
<b>Half peak side angle (right)</b>	50,3°	47,2°
<b>One tenth peak divergence</b>	156,3°	154,5°
<b>Tenth peak side angle (left)</b>	-78,2°	-77,3°
<b>Tenth peak side angle (right)</b>	78,2°	77,3°

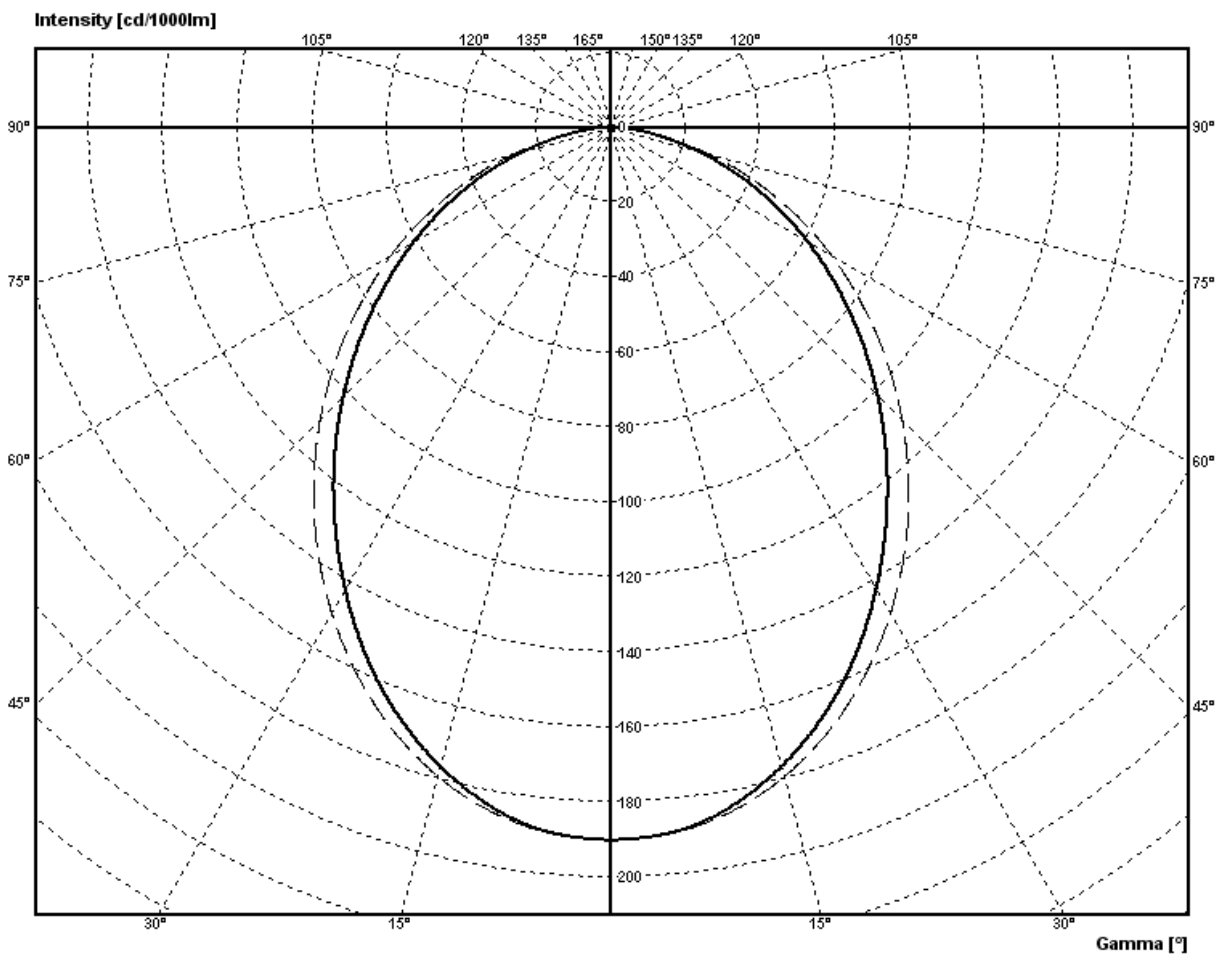
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	

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Polar diagram OREO LINEA Down L2014 bLINE 940 W / Direct 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>	15,0	16,6	15,4	16,9	17,3	17,4	19,0	17,7	19,3	19,6
<b>2H</b>	<b>3H</b>	15,9	17,4	16,3	17,7	18,1	18,8	20,2	19,1	20,5	20,9
<b>2H</b>	<b>4H</b>	16,2	17,6	16,6	17,9	18,3	19,3	20,6	19,7	21,0	21,4
<b>2H</b>	<b>6H</b>	16,4	17,6	16,8	18,0	18,4	19,7	20,9	20,1	21,3	21,7
<b>2H</b>	<b>8H</b>	16,3	17,6	16,8	17,9	18,3	19,7	20,9	20,1	21,3	21,7
<b>2H</b>	<b>12H</b>	16,3	17,5	16,7	17,9	18,3	19,7	20,9	20,2	21,3	21,7
<b>4H</b>	<b>2H</b>	15,7	17,1	16,1	17,4	17,8	17,6	19,0	18,0	19,3	19,7
<b>4H</b>	<b>3H</b>	16,7	17,9	17,1	18,3	18,7	19,1	20,3	19,6	20,7	21,1
<b>4H</b>	<b>4H</b>	17,1	18,1	17,6	18,6	19,0	19,8	20,8	20,2	21,2	21,7
<b>4H</b>	<b>6H</b>	17,3	18,2	17,7	18,6	19,1	20,2	21,1	20,6	21,5	22,0
<b>4H</b>	<b>8H</b>	17,3	18,2	17,8	18,6	19,1	20,3	21,1	20,8	21,6	22,0
<b>4H</b>	<b>12H</b>	17,3	18,1	17,8	18,6	19,1	20,4	21,2	20,9	21,6	22,1
<b>8H</b>	<b>4H</b>	17,3	18,2	17,8	18,6	19,1	19,8	20,7	20,3	21,1	21,6
<b>8H</b>	<b>6H</b>	17,5	18,2	18,0	18,7	19,2	20,2	20,9	20,7	21,4	21,9
<b>8H</b>	<b>8H</b>	17,7	18,3	18,2	18,8	19,3	20,4	21,1	21,0	21,6	22,0
<b>8H</b>	<b>12H</b>	17,7	18,2	18,2	18,7	19,2	20,5	21,0	21,0	21,6	22,1
<b>12H</b>	<b>4H</b>	17,3	18,1	17,8	18,6	19,1	19,8	20,6	20,3	21,0	21,5
<b>12H</b>	<b>6H</b>	17,6	18,2	18,1	18,7	19,2	20,3	20,9	20,8	21,4	21,9
<b>12H</b>	<b>8H</b>	17,7	18,2	18,2	18,7	19,2	20,4	21,0	20,9	21,5	22,0

UGR values are corrected for lamp flux of 2600 lm by 3,3

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Luminance [cd/m<sup>2</sup>] OREO LINEA Down L2014 bLINE 940 W / Direct 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	2884,28	2941,17	3158,59	3548,57	4181,80	5175,68	6811,75	5175,68	4181,80
50,00	2482,20	2536,96	2739,92	3112,28	3731,05	4739,68	6517,21	4739,68	3731,05
55,00	2105,57	2157,68	2340,26	2691,38	3280,66	4286,38	6200,04	4286,38	3280,66
60,00	1752,00	1796,37	1967,40	2276,34	2832,54	3806,19	5872,82	3806,19	2832,54
65,00	1407,59	1447,43	1592,18	1866,99	2360,49	3285,93	5465,00	3285,93	2360,49
70,00	1072,49	1103,12	1222,85	1451,38	1875,71	2704,69	4969,34	2704,69	1875,71
75,00	740,86	765,47	858,12	1028,59	1367,62	2046,47	4307,40	2046,47	1367,62
80,00	436,04	448,16	509,79	615,01	849,26	1333,86	3396,50	1333,86	849,26
85,00	181,69	182,94	216,44	256,40	373,37	620,54	2285,84	620,54	373,37

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	3548,57	3158,59	2941,17	2884,28	2941,17	3158,59	3548,57	4181,80	5175,68
50,00	3112,28	2739,92	2536,96	2482,20	2536,96	2739,92	3112,28	3731,05	4739,68
55,00	2691,38	2340,26	2157,68	2105,57	2157,68	2340,26	2691,38	3280,66	4286,38
60,00	2276,34	1967,40	1796,37	1752,00	1796,37	1967,40	2276,34	2832,54	3806,19
65,00	1866,99	1592,18	1447,43	1407,59	1447,43	1592,18	1866,99	2360,49	3285,93
70,00	1451,38	1222,85	1103,12	1072,49	1103,12	1222,85	1451,38	1875,71	2704,69
75,00	1028,59	858,12	765,47	740,86	765,47	858,12	1028,59	1367,62	2046,47
80,00	615,01	509,79	448,16	436,04	448,16	509,79	615,01	849,26	1333,86
85,00	256,40	216,44	182,94	181,69	182,94	216,44	256,40	373,37	620,54

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	6811,75	5175,68	4181,80	3548,57	3158,59	2941,17
50,00	6517,21	4739,68	3731,05	3112,28	2739,92	2536,96
55,00	6200,04	4286,38	3280,66	2691,38	2340,26	2157,68
60,00	5872,82	3806,19	2832,54	2276,34	1967,40	1796,37
65,00	5465,00	3285,93	2360,49	1866,99	1592,18	1447,43
70,00	4969,34	2704,69	1875,71	1451,38	1222,85	1103,12
75,00	4307,40	2046,47	1367,62	1028,59	858,12	765,47
80,00	3396,50	1333,86	849,26	615,01	509,79	448,16
85,00	2285,84	620,54	373,37	256,40	216,44	182,94

## HEADQUARTERS

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