

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO LINEA Down L1514 bLINE 940 W</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	26-06-2018	<b>Length:</b>	1514 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>	21 W
<b>Lamp flux:</b>	1950,00 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

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	100,6°	94,3°
Half peak side angle (left)	-50,3°	-47,2°
Half peak side angle (right)	50,3°	47,2°
One tenth peak divergence	156,3°	154,5°
Tenth peak side angle (left)	-78,2°	-77,3°
Tenth peak side angle (right)	78,2°	77,3°

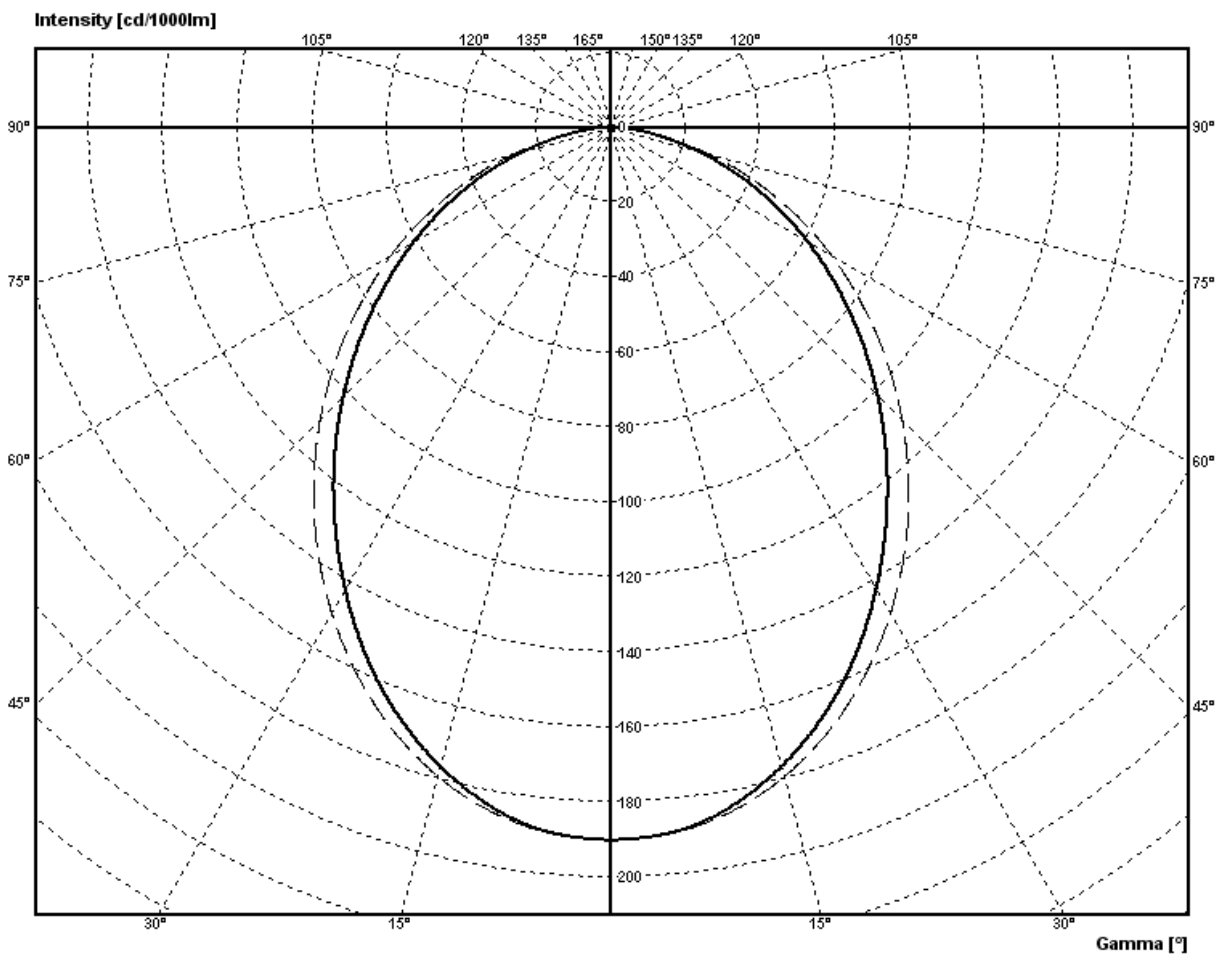
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 L1514 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	17,2	17,3	18,9	17,7	19,2	19,6
<b>2H</b>	<b>3H</b>	15,9	17,4	16,3	17,7	18,0	18,7	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	21,3
<b>2H</b>	<b>6H</b>	16,4	17,6	16,8	18,0	18,4	19,6	20,9	20,0	21,2	21,6
<b>2H</b>	<b>8H</b>	16,3	17,5	16,7	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	20,1	21,2	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	19,5	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	21,6
<b>4H</b>	<b>6H</b>	17,3	18,2	17,7	18,6	19,1	20,1	21,0	20,6	21,5	21,9
<b>4H</b>	<b>8H</b>	17,3	18,2	17,8	18,6	19,1	20,3	21,1	20,7	21,5	22,0
<b>4H</b>	<b>12H</b>	17,3	18,1	17,8	18,5	19,0	20,3	21,1	20,8	21,6	22,1
<b>8H</b>	<b>4H</b>	17,3	18,2	17,8	18,6	19,1	19,8	20,6	20,2	21,1	21,5
<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>	17,6	18,3	18,2	18,8	19,2	20,4	21,0	20,9	21,5	22,0
<b>8H</b>	<b>12H</b>	17,7	18,2	18,2	18,7	19,2	20,5	21,0	21,0	21,5	22,0
<b>12H</b>	<b>4H</b>	17,3	18,1	17,8	18,5	19,1	19,8	20,5	20,2	21,0	21,5
<b>12H</b>	<b>6H</b>	17,6	18,2	18,1	18,7	19,2	20,2	20,9	20,8	21,4	21,8
<b>12H</b>	<b>8H</b>	17,7	18,2	18,2	18,7	19,2	20,4	20,9	20,9	21,4	21,9

UGR values are corrected for lamp flux of 1950 lm by 2,3

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Luminance [cd/m<sup>2</sup>] OREO LINEA Down L1514 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	2879,50	2934,29	3148,94	3534,97	4162,03	5145,55	6762,15	5145,55	4162,03
50,00	2478,09	2530,88	2731,22	3099,72	3712,16	4709,38	6462,92	4709,38	3712,16
55,00	2102,08	2152,39	2332,55	2679,95	3262,88	4256,26	6140,44	4256,26	3262,88
60,00	1749,10	1791,86	1960,68	2266,17	2816,09	3776,68	5806,81	3776,68	2816,09
65,00	1405,26	1443,72	1586,53	1858,21	2345,78	3257,69	5391,69	3257,69	2345,78
70,00	1070,72	1100,22	1218,35	1444,19	1863,14	2678,69	4887,23	2678,69	1863,14
75,00	739,64	763,41	854,83	1023,21	1357,71	2024,20	4215,10	2024,20	1357,71
80,00	435,31	446,92	507,76	611,60	842,56	1317,14	3292,87	1317,14	842,56
85,00	181,38	182,42	215,54	254,88	370,13	611,34	2163,16	611,34	370,13

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	3534,97	3148,94	2934,29	2879,50	2934,29	3148,94	3534,97	4162,03	5145,55
50,00	3099,72	2731,22	2530,88	2478,09	2530,88	2731,22	3099,72	3712,16	4709,38
55,00	2679,95	2332,55	2152,39	2102,08	2152,39	2332,55	2679,95	3262,88	4256,26
60,00	2266,17	1960,68	1791,86	1749,10	1791,86	1960,68	2266,17	2816,09	3776,68
65,00	1858,21	1586,53	1443,72	1405,26	1443,72	1586,53	1858,21	2345,78	3257,69
70,00	1444,19	1218,35	1100,22	1070,72	1100,22	1218,35	1444,19	1863,14	2678,69
75,00	1023,21	854,83	763,41	739,64	763,41	854,83	1023,21	1357,71	2024,20
80,00	611,60	507,76	446,92	435,31	446,92	507,76	611,60	842,56	1317,14
85,00	254,88	215,54	182,42	181,38	182,42	215,54	254,88	370,13	611,34

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	6762,15	5145,55	4162,03	3534,97	3148,94	2934,29
50,00	6462,92	4709,38	3712,16	3099,72	2731,22	2530,88
55,00	6140,44	4256,26	3262,88	2679,95	2332,55	2152,39
60,00	5806,81	3776,68	2816,09	2266,17	1960,68	1791,86
65,00	5391,69	3257,69	2345,78	1858,21	1586,53	1443,72
70,00	4887,23	2678,69	1863,14	1444,19	1218,35	1100,22
75,00	4215,10	2024,20	1357,71	1023,21	854,83	763,41
80,00	3292,87	1317,14	842,56	611,60	507,76	446,92
85,00	2163,16	611,34	370,13	254,88	215,54	182,42

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