

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO LINEA Down L2014 bLINE 927 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 927 - 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>	05-09-2018 13:58:32	<b>Output ratio:</b>	41,3 %

## Protocol

**LiTG-class:** A40  
**UTE-class:** 0,41 D  
**IES-class:** 51 - 82 - 96 - 100 - 41  
**TM5-class:** BZ4

## Divergences in the plane through maximum intensity:

	Horizontal	Vertical
One half peak divergence	100,4°	94,0°
Half peak side angle (left)	-50,2°	-47,0°
Half peak side angle (right)	50,2°	47,0°
One tenth peak divergence	156,5°	154,6°
Tenth peak side angle (left)	-78,3°	-77,3°
Tenth peak side angle (right)	78,3°	77,3°

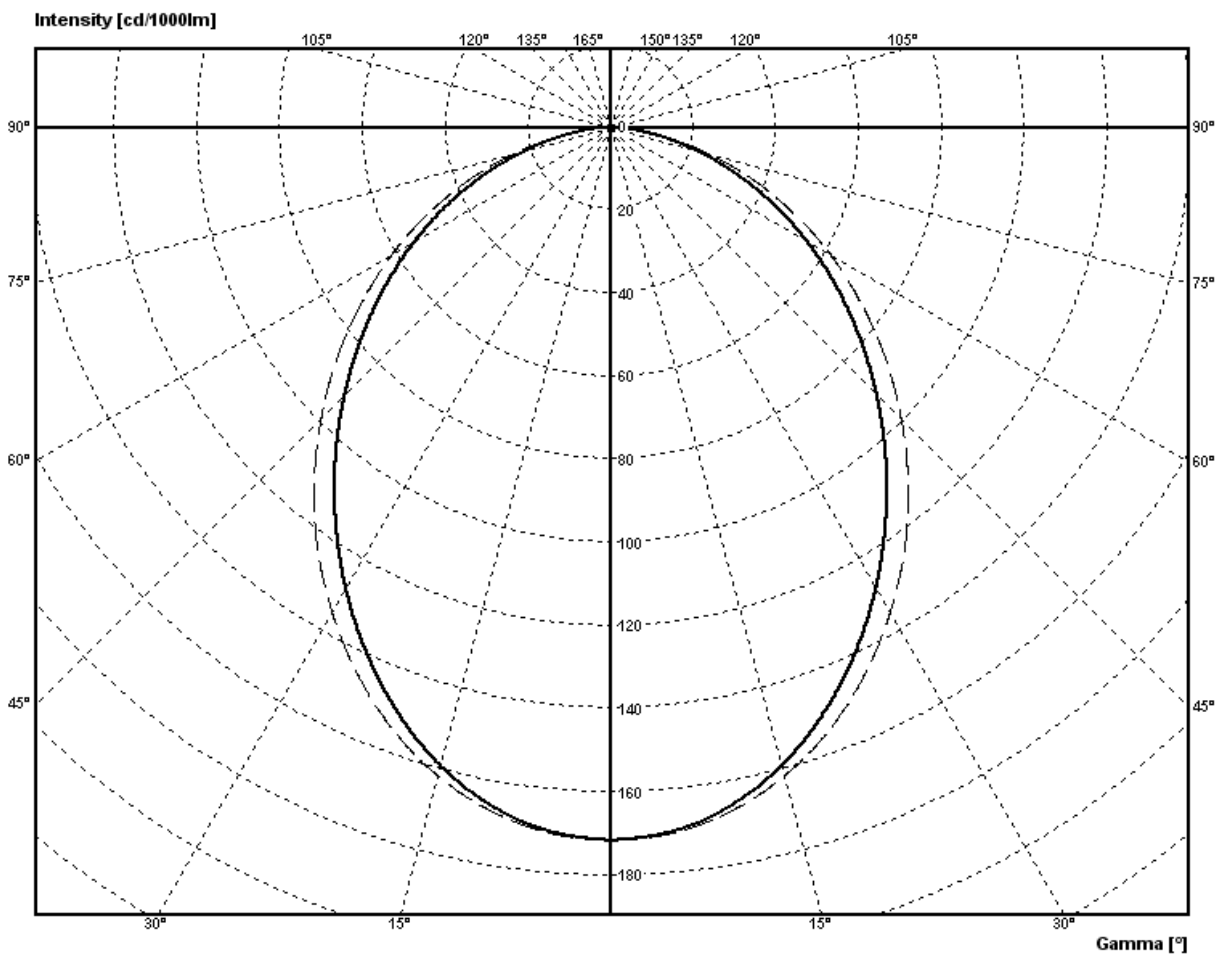
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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°	

## PHOTOMETRIC RESULTS

Name:	OREO LINEA Down L2014 bLINE 927 W		
Number:	01	Diameter:	0 mm
Report:	26-06-2018	Length:	2014 mm
Meas.-no.:	01	Width:	35 mm
Lamp type:	LED 927 - 01	Height:	35 mm
Number:	1	Power:	28 W
Lamp flux:	2600,00 lm	Operator:	INDELAGUE GROUP
Date:	05-09-2018 13:58:32	Output ratio:	41,3 %

Polar diagram OREO LINEA Down L2014 bLINE 927 W / Direct in 15° C / 5° G



## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO LINEA Down L2014 bLINE 927 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 927 - 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>	05-09-2018 13:58:32	<b>Output ratio:</b>	41,3 %

## 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>	14,7	16,3	15,0	16,6	16,9	17,0	18,6	17,4	18,9	19,2
<b>2H</b>	<b>3H</b>	15,6	17,0	15,9	17,3	17,7	18,4	19,8	18,8	20,2	20,5
<b>2H</b>	<b>4H</b>	15,8	17,2	16,2	17,5	17,9	18,9	20,3	19,3	20,6	21,0
<b>2H</b>	<b>6H</b>	16,0	17,2	16,4	17,6	18,0	19,3	20,6	19,7	20,9	21,3
<b>2H</b>	<b>8H</b>	16,0	17,2	16,4	17,6	18,0	19,4	20,6	19,8	21,0	21,4
<b>2H</b>	<b>12H</b>	16,0	17,1	16,4	17,5	17,9	19,4	20,6	19,8	20,9	21,4
<b>4H</b>	<b>2H</b>	15,3	16,7	15,7	17,1	17,4	17,3	18,6	17,7	19,0	19,3
<b>4H</b>	<b>3H</b>	16,4	17,5	16,8	17,9	18,3	18,8	19,9	19,2	20,3	20,7
<b>4H</b>	<b>4H</b>	16,8	17,8	17,2	18,2	18,6	19,4	20,4	19,9	20,9	21,3
<b>4H</b>	<b>6H</b>	16,9	17,8	17,4	18,3	18,7	19,8	20,7	20,3	21,2	21,6
<b>4H</b>	<b>8H</b>	17,0	17,8	17,4	18,2	18,7	19,9	20,8	20,4	21,2	21,7
<b>4H</b>	<b>12H</b>	17,0	17,8	17,5	18,2	18,7	20,0	20,8	20,5	21,2	21,7
<b>8H</b>	<b>4H</b>	17,0	17,8	17,4	18,2	18,7	19,4	20,3	19,9	20,7	21,2
<b>8H</b>	<b>6H</b>	17,2	17,9	17,7	18,3	18,8	19,9	20,6	20,4	21,1	21,5
<b>8H</b>	<b>8H</b>	17,3	17,9	17,8	18,4	18,9	20,1	20,7	20,6	21,2	21,7
<b>8H</b>	<b>12H</b>	17,3	17,8	17,8	18,3	18,8	20,2	20,7	20,7	21,2	21,7
<b>12H</b>	<b>4H</b>	17,0	17,8	17,5	18,2	18,7	19,4	20,2	19,9	20,7	21,2
<b>12H</b>	<b>6H</b>	17,2	17,9	17,8	18,4	18,9	19,9	20,5	20,4	21,0	21,5
<b>12H</b>	<b>8H</b>	17,3	17,8	17,8	18,3	18,9	20,1	20,6	20,6	21,1	21,6

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

## PHOTOMETRIC RESULTS

<b>Name:</b>	<b>OREO LINEA Down L2014 bLINE 927 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 927 - 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>	05-09-2018 13:58:32	<b>Output ratio:</b>	41,3 %

Luminance [cd/m<sup>2</sup>] OREO LINEA Down L2014 bLINE 927 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	2591,02	2646,77	2840,92	3192,92	3759,40	4650,56	6129,63	4650,56	3759,40
50,00	2228,45	2281,49	2462,50	2797,97	3349,93	4256,42	5863,63	4256,42	3349,93
55,00	1892,37	1940,04	2105,52	2419,92	2945,76	3854,31	5571,74	3854,31	2945,76
60,00	1575,21	1616,34	1765,46	2049,46	2542,54	3424,41	5280,57	3424,41	2542,54
65,00	1266,93	1304,09	1434,05	1679,82	2124,73	2958,19	4926,54	2958,19	2124,73
70,00	963,74	993,91	1100,18	1305,72	1683,53	2435,74	4496,69	2435,74	1683,53
75,00	671,82	691,06	773,73	925,42	1226,76	1846,76	3909,19	1846,76	1226,76
80,00	397,26	405,76	461,05	554,38	763,36	1204,30	3122,30	1204,30	763,36
85,00	164,94	166,48	196,09	233,41	338,82	565,18	2134,88	565,18	338,82

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	3192,92	2840,92	2646,77	2591,02	2646,77	2840,92	3192,92	3759,40	4650,56
50,00	2797,97	2462,50	2281,49	2228,45	2281,49	2462,50	2797,97	3349,93	4256,42
55,00	2419,92	2105,52	1940,04	1892,37	1940,04	2105,52	2419,92	2945,76	3854,31
60,00	2049,46	1765,46	1616,34	1575,21	1616,34	1765,46	2049,46	2542,54	3424,41
65,00	1679,82	1434,05	1304,09	1266,93	1304,09	1434,05	1679,82	2124,73	2958,19
70,00	1305,72	1100,18	993,91	963,74	993,91	1100,18	1305,72	1683,53	2435,74
75,00	925,42	773,73	691,06	671,82	691,06	773,73	925,42	1226,76	1846,76
80,00	554,38	461,05	405,76	397,26	405,76	461,05	554,38	763,36	1204,30
85,00	233,41	196,09	166,48	164,94	166,48	196,09	233,41	338,82	565,18

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	6129,63	4650,56	3759,40	3192,92	2840,92	2646,77
50,00	5863,63	4256,42	3349,93	2797,97	2462,50	2281,49
55,00	5571,74	3854,31	2945,76	2419,92	2105,52	1940,04
60,00	5280,57	3424,41	2542,54	2049,46	1765,46	1616,34
65,00	4926,54	2958,19	2124,73	1679,82	1434,05	1304,09
70,00	4496,69	2435,74	1683,53	1305,72	1100,18	993,91
75,00	3909,19	1846,76	1226,76	925,42	773,73	691,06
80,00	3122,30	1204,30	763,36	554,38	461,05	405,76
85,00	2134,88	565,18	338,82	233,41	196,09	166,48