

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>CONCEPT S Linear 15W DOZ [790mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	09-11-2017	<b>Length:</b>	790 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	65 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	85 mm
<b>Number:</b>	1	<b>Power:</b>	14,93 W
<b>Lamp flux:</b>	2350,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	09-11-2017 17:08:26	<b>Output ratio:</b>	46,6 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,47 E  
**IES-class:** 48 - 80 - 96 - 100 - 47  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	109,9°	109,9°
<b>Half peak side angle (left)</b>	-55,0°	-55,0°
<b>Half peak side angle (right)</b>	55,0°	55,0°
<b>One tenth peak divergence</b>	158,9°	160,0°
<b>Tenth peak side angle (left)</b>	-79,5°	-80,0°
<b>Tenth peak side angle (right)</b>	79,5°	80,0°

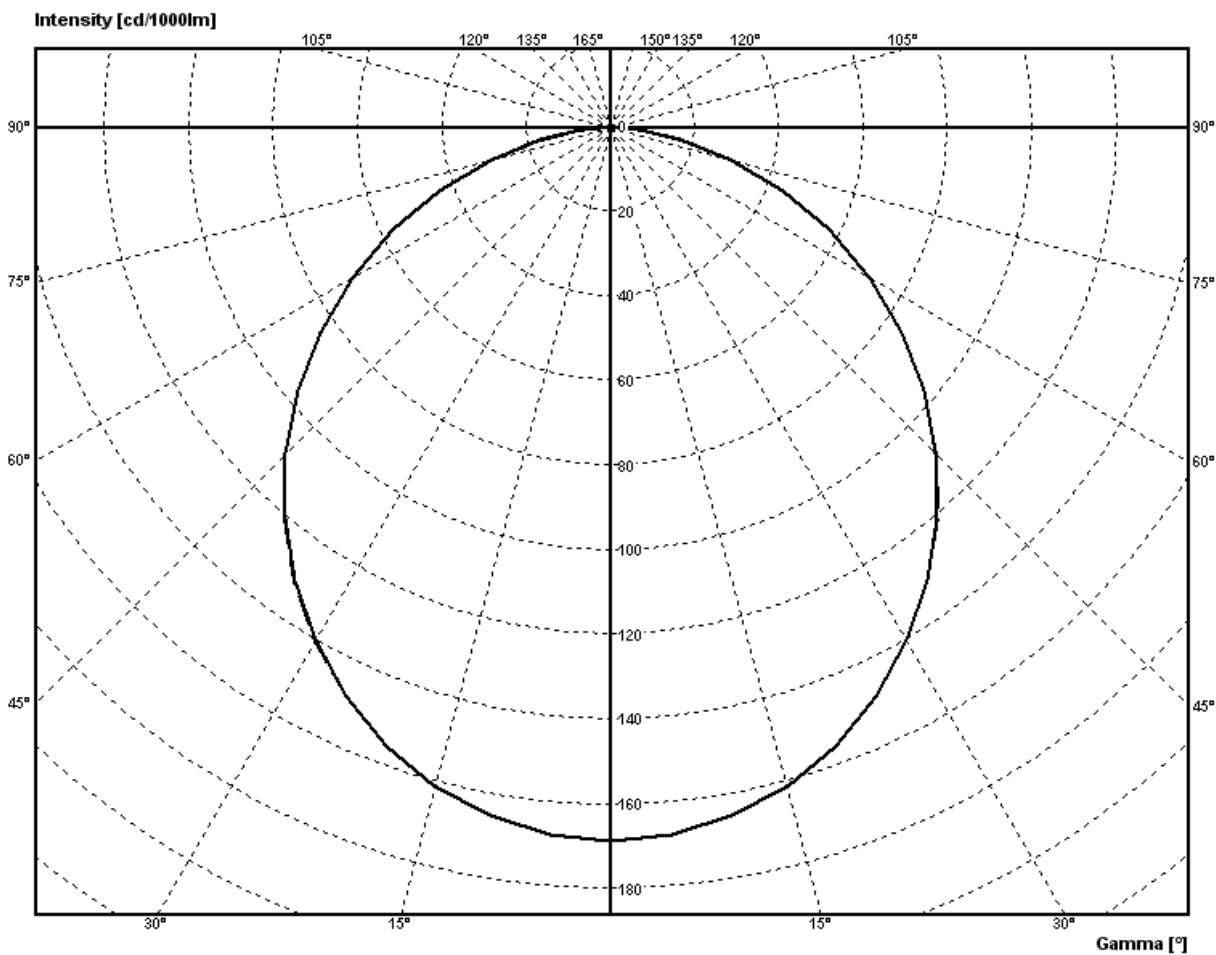
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 CONCEPT S Linear 15W DOZ [790mm] / 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>		<b>Viewed crosswise</b>					<b>Viewed endwise</b>				
<b>2H</b>	<b>2H</b>	15,8	17,5	16,2	17,8	18,1	17,8	19,5	18,2	19,8	20,1
<b>2H</b>	<b>3H</b>	16,8	18,3	17,2	18,7	19,0	19,2	20,7	19,6	21,1	21,4
<b>2H</b>	<b>4H</b>	17,2	18,5	17,5	18,9	19,3	19,7	21,1	20,1	21,5	21,8
<b>2H</b>	<b>6H</b>	17,3	18,6	17,7	19,0	19,4	20,1	21,4	20,5	21,7	22,1
<b>2H</b>	<b>8H</b>	17,3	18,6	17,7	19,0	19,4	20,1	21,4	20,5	21,7	22,1
<b>2H</b>	<b>12H</b>	17,3	18,5	17,7	18,9	19,3	20,1	21,3	20,5	21,7	22,1
<b>4H</b>	<b>2H</b>	16,5	17,9	16,9	18,2	18,6	18,1	19,5	18,5	19,9	20,2
<b>4H</b>	<b>3H</b>	17,6	18,8	18,0	19,2	19,6	19,6	20,8	20,1	21,2	21,6
<b>4H</b>	<b>4H</b>	18,1	19,1	18,5	19,5	20,0	20,3	21,3	20,7	21,7	22,2
<b>4H</b>	<b>6H</b>	18,3	19,2	18,7	19,6	20,1	20,6	21,5	21,1	22,0	22,4
<b>4H</b>	<b>8H</b>	18,3	19,2	18,8	19,6	20,1	20,7	21,6	21,2	22,0	22,5
<b>4H</b>	<b>12H</b>	18,3	19,1	18,8	19,6	20,1	20,8	21,6	21,2	22,0	22,5
<b>8H</b>	<b>4H</b>	18,2	19,1	18,7	19,6	20,0	20,3	21,2	20,8	21,6	22,1
<b>8H</b>	<b>6H</b>	18,5	19,2	19,0	19,7	20,2	20,7	21,4	21,2	21,9	22,4
<b>8H</b>	<b>8H</b>	18,6	19,3	19,1	19,8	20,2	20,9	21,5	21,4	22,0	22,5
<b>8H</b>	<b>12H</b>	18,6	19,2	19,2	19,7	20,2	20,9	21,4	21,4	22,0	22,5
<b>12H</b>	<b>4H</b>	18,3	19,1	18,7	19,5	20,0	20,3	21,1	20,8	21,5	22,0
<b>12H</b>	<b>6H</b>	18,6	19,2	19,1	19,7	20,2	20,7	21,4	21,2	21,9	22,4
<b>12H</b>	<b>8H</b>	18,6	19,2	19,2	19,7	20,2	20,8	21,4	21,4	21,9	22,4

UGR values are corrected for lamp flux of 2350 lm by 3,0

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**Luminance [cd/m<sup>2</sup>] CONCEPT S Linear 15W DOZ [790mm] / 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	3372,17	3411,19	3604,56	3994,75	4679,62	5877,39	8138,25	5877,39	4679,62
50,00	2946,12	2982,11	3159,17	3530,76	4187,99	5404,57	7804,94	5404,57	4187,99
55,00	2532,77	2569,00	2727,32	3068,66	3683,59	4860,86	7423,65	4860,86	3683,59
60,00	2127,87	2156,66	2302,63	2605,05	3172,30	4285,61	6962,66	4285,61	3172,30
65,00	1727,43	1750,96	1871,69	2132,72	2626,87	3659,03	6364,04	3659,03	2626,87
70,00	1323,50	1341,13	1437,60	1648,51	2059,42	2940,95	5590,57	2940,95	2059,42
75,00	920,52	930,72	1001,05	1149,42	1454,31	2142,37	4580,95	2142,37	1454,31
80,00	540,36	543,87	583,44	666,49	854,90	1282,68	3213,66	1282,68	854,90
85,00	235,56	224,49	247,99	263,27	345,22	496,10	1620,36	496,10	345,22

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	3994,75	3604,56	3411,19	3372,17	3411,19	3604,56	3994,75	4679,62	5877,39
50,00	3530,76	3159,17	2982,11	2946,12	2982,11	3159,17	3530,76	4187,99	5404,57
55,00	3068,66	2727,32	2569,00	2532,77	2569,00	2727,32	3068,66	3683,59	4860,86
60,00	2605,05	2302,63	2156,66	2127,87	2156,66	2302,63	2605,05	3172,30	4285,61
65,00	2132,72	1871,69	1750,96	1727,43	1750,96	1871,69	2132,72	2626,87	3659,03
70,00	1648,51	1437,60	1341,13	1323,50	1341,13	1437,60	1648,51	2059,42	2940,95
75,00	1149,42	1001,05	930,72	920,52	930,72	1001,05	1149,42	1454,31	2142,37
80,00	666,49	583,44	543,87	540,36	543,87	583,44	666,49	854,90	1282,68
85,00	263,27	247,99	224,49	235,56	224,49	247,99	263,27	345,22	496,10

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	8138,25	5877,39	4679,62	3994,75	3604,56	3411,19
50,00	7804,94	5404,57	4187,99	3530,76	3159,17	2982,11
55,00	7423,65	4860,86	3683,59	3068,66	2727,32	2569,00
60,00	6962,66	4285,61	3172,30	2605,05	2302,63	2156,66
65,00	6364,04	3659,03	2626,87	2132,72	1871,69	1750,96
70,00	5590,57	2940,95	2059,42	1648,51	1437,60	1341,13
75,00	4580,95	2142,37	1454,31	1149,42	1001,05	930,72
80,00	3213,66	1282,68	854,90	666,49	583,44	543,87
85,00	1620,36	496,10	345,22	263,27	247,99	224,49

**HEADQUARTERS**

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