

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>THS LED 39W DOZ [600X600mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	0 mm
<b>Report:</b>	15-02-2016	<b>Length:</b>	600 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	600 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	102 mm
<b>Number:</b>	1	<b>Power:</b>	39,18 W
<b>Lamp flux:</b>	5440,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	15-02-2018 8:10:50	<b>Output ratio:</b>	74,0 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,74 E  
**IES-class:** 48 - 80 - 96 - 100 - 74  
**TM5-class:** BZ4

**Divergences in the plane through maximum intensity:**

	Horizontal	Vertical
<b>One half peak divergence</b>	110,7°	110,7°
<b>Half peak side angle (left)</b>	-55,4°	-55,4°
<b>Half peak side angle (right)</b>	55,4°	55,4°
<b>One tenth peak divergence</b>	158,7°	158,9°
<b>Tenth peak side angle (left)</b>	-79,4°	-79,5°
<b>Tenth peak side angle (right)</b>	79,4°	79,5°

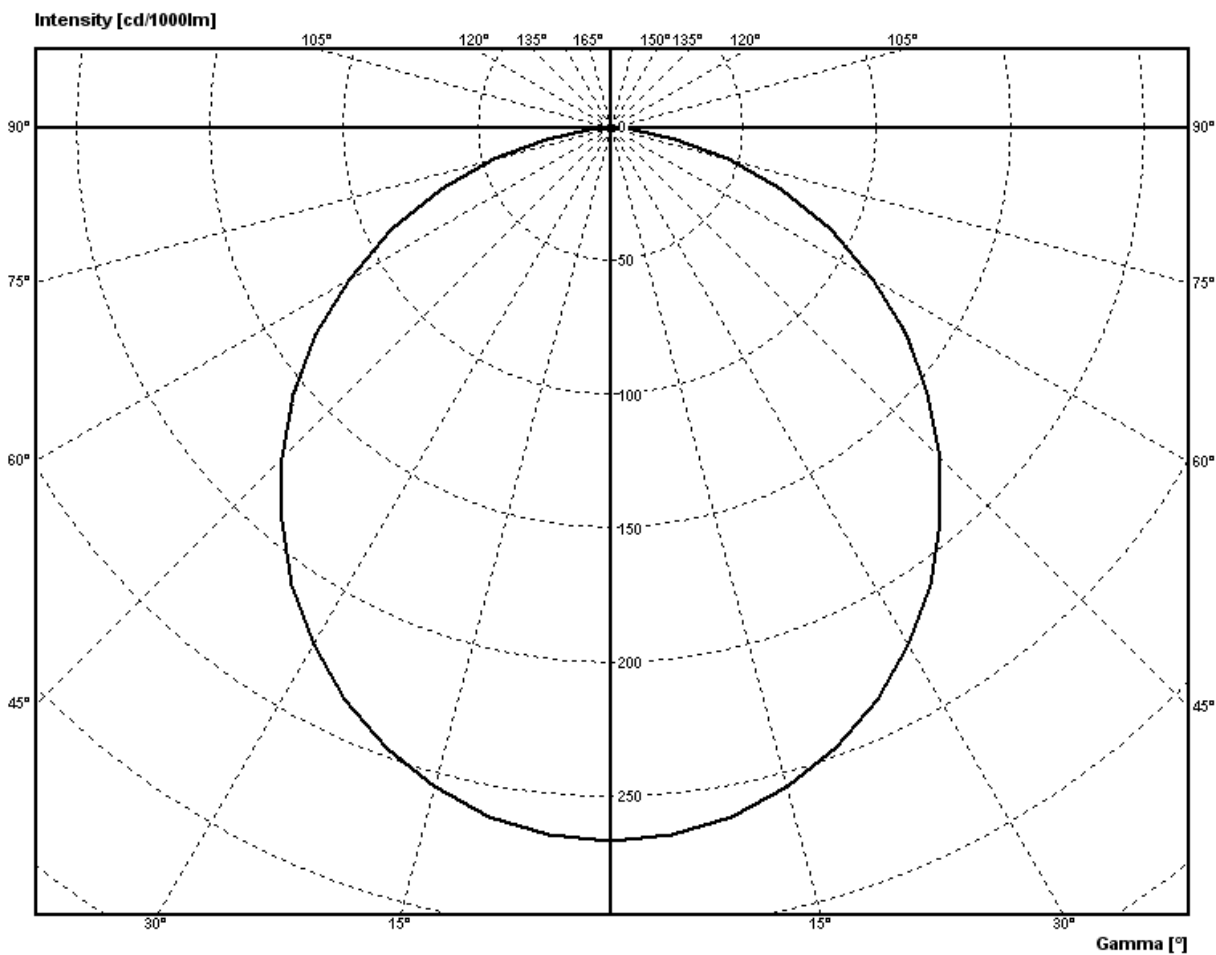
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 THS LED 39W DOZ [600X600mm] / 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>	16,6	18,2	16,9	18,5	18,8	16,5	18,2	16,9	18,5	18,8
<b>2H</b>	<b>3H</b>	17,9	19,4	18,3	19,7	20,0	17,9	19,4	18,3	19,7	20,0
<b>2H</b>	<b>4H</b>	18,3	19,7	18,7	20,1	20,4	18,3	19,7	18,7	20,1	20,4
<b>2H</b>	<b>6H</b>	18,6	19,9	19,0	20,3	20,7	18,6	19,9	19,0	20,3	20,6
<b>2H</b>	<b>8H</b>	18,6	19,9	19,0	20,3	20,7	18,6	19,9	19,0	20,2	20,6
<b>2H</b>	<b>12H</b>	18,6	19,8	19,0	20,2	20,6	18,6	19,8	19,0	20,2	20,6
<b>4H</b>	<b>2H</b>	17,2	18,6	17,6	18,9	19,3	17,2	18,6	17,6	18,9	19,3
<b>4H</b>	<b>3H</b>	18,6	19,8	19,0	20,2	20,6	18,6	19,8	19,0	20,2	20,6
<b>4H</b>	<b>4H</b>	19,2	20,3	19,7	20,7	21,1	19,2	20,3	19,6	20,7	21,1
<b>4H</b>	<b>6H</b>	19,5	20,5	20,0	20,9	21,3	19,5	20,4	20,0	20,9	21,3
<b>4H</b>	<b>8H</b>	19,6	20,5	20,1	20,9	21,4	19,6	20,5	20,0	20,9	21,4
<b>4H</b>	<b>12H</b>	19,6	20,4	20,1	20,9	21,4	19,6	20,4	20,1	20,9	21,4
<b>8H</b>	<b>4H</b>	19,4	20,3	19,9	20,7	21,2	19,4	20,2	19,8	20,7	21,1
<b>8H</b>	<b>6H</b>	19,7	20,5	20,2	20,9	21,4	19,7	20,5	20,2	20,9	21,4
<b>8H</b>	<b>8H</b>	19,9	20,6	20,4	21,1	21,5	19,9	20,5	20,4	21,0	21,5
<b>8H</b>	<b>12H</b>	20,0	20,5	20,5	21,0	21,5	19,9	20,5	20,5	21,0	21,5
<b>12H</b>	<b>4H</b>	19,4	20,2	19,9	20,6	21,1	19,4	20,2	19,9	20,6	21,1
<b>12H</b>	<b>6H</b>	19,8	20,5	20,3	21,0	21,4	19,8	20,4	20,3	20,9	21,4
<b>12H</b>	<b>8H</b>	19,9	20,5	20,5	21,0	21,5	19,9	20,5	20,4	21,0	21,5

UGR values are corrected for lamp flux of 5440 lm by 5,9

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Luminance [cd/m<sup>2</sup>] THS LED 39W DOZ [600X600mm] / 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	3867,35	3735,82	3656,07	3629,19	3654,94	3733,52	3862,82	3733,52	3654,94
50,00	3669,66	3530,97	3444,14	3411,25	3444,25	3524,70	3665,86	3524,70	3444,25
55,00	3448,96	3292,70	3201,04	3170,89	3198,78	3292,72	3447,51	3292,72	3198,78
60,00	3183,83	3019,03	2923,74	2890,16	2921,16	3018,78	3179,65	3018,78	2921,16
65,00	2849,92	2684,21	2581,47	2546,71	2577,57	2676,12	2842,20	2676,12	2577,57
70,00	2441,40	2268,00	2167,70	2132,90	2163,14	2263,79	2433,63	2263,79	2163,14
75,00	1916,20	1750,95	1662,54	1627,35	1657,10	1738,27	1897,56	1738,27	1657,10
80,00	1264,14	1123,27	1063,58	1032,86	1054,13	1111,99	1243,19	1111,99	1054,13
85,00	583,35	477,63	456,67	421,14	451,61	466,66	560,01	466,66	451,61

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	3629,19	3656,07	3735,82	3867,35	3735,82	3656,07	3629,19	3654,94	3733,52
50,00	3411,25	3444,14	3530,97	3669,66	3530,97	3444,14	3411,25	3444,25	3524,70
55,00	3170,89	3201,04	3292,70	3448,96	3292,70	3201,04	3170,89	3198,78	3292,72
60,00	2890,16	2923,74	3019,03	3183,83	3019,03	2923,74	2890,16	2921,16	3018,78
65,00	2546,71	2581,47	2684,21	2849,92	2684,21	2581,47	2546,71	2577,57	2676,12
70,00	2132,90	2167,70	2268,00	2441,40	2268,00	2167,70	2132,90	2163,14	2263,79
75,00	1627,35	1662,54	1750,95	1916,20	1750,95	1662,54	1627,35	1657,10	1738,27
80,00	1032,86	1063,58	1123,27	1264,14	1123,27	1063,58	1032,86	1054,13	1111,99
85,00	421,14	456,67	477,63	583,35	477,63	456,67	421,14	451,61	466,66

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	3862,82	3733,52	3654,94	3629,19	3656,07	3735,82
50,00	3665,86	3524,70	3444,25	3411,25	3444,14	3530,97
55,00	3447,51	3292,72	3198,78	3170,89	3201,04	3292,70
60,00	3179,65	3018,78	2921,16	2890,16	2923,74	3019,03
65,00	2842,20	2676,12	2577,57	2546,71	2581,47	2684,21
70,00	2433,63	2263,79	2163,14	2132,90	2167,70	2268,00
75,00	1897,56	1738,27	1657,10	1627,35	1662,54	1750,95
80,00	1243,19	1111,99	1054,13	1032,86	1063,58	1123,27
85,00	560,01	466,66	451,61	421,14	456,67	477,63

## HEADQUARTERS

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