

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /T LED 105W gCONTROL [Ø1150mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	1150 mm
<b>Report:</b>	07-09-2016	<b>Length:</b>	0 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	0 mm
<b>Lamp type:</b>	LED 840 - 01	<b>Height:</b>	106 mm
<b>Number:</b>	1	<b>Power:</b>	104,69 W
<b>Lamp flux:</b>	18300,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	07-09-2016 17:10:08	<b>Output ratio:</b>	71,6 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,72 D  
**IES-class:** 56 - 88 - 98 - 100 - 72  
**TM5-class:** BZ2/0.75/BZ3/2.00/BZ2/2.50/BZ3

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

	Horizontal	Vertical
<b>One half peak divergence</b>	101,0°	101,3°
<b>Half peak side angle (left)</b>	-50,5°	-50,6°
<b>Half peak side angle (right)</b>	50,5°	50,6°
<b>One tenth peak divergence</b>	142,8°	142,9°
<b>Tenth peak side angle (left)</b>	-71,4°	-71,4°
<b>Tenth peak side angle (right)</b>	71,4°	71,4°

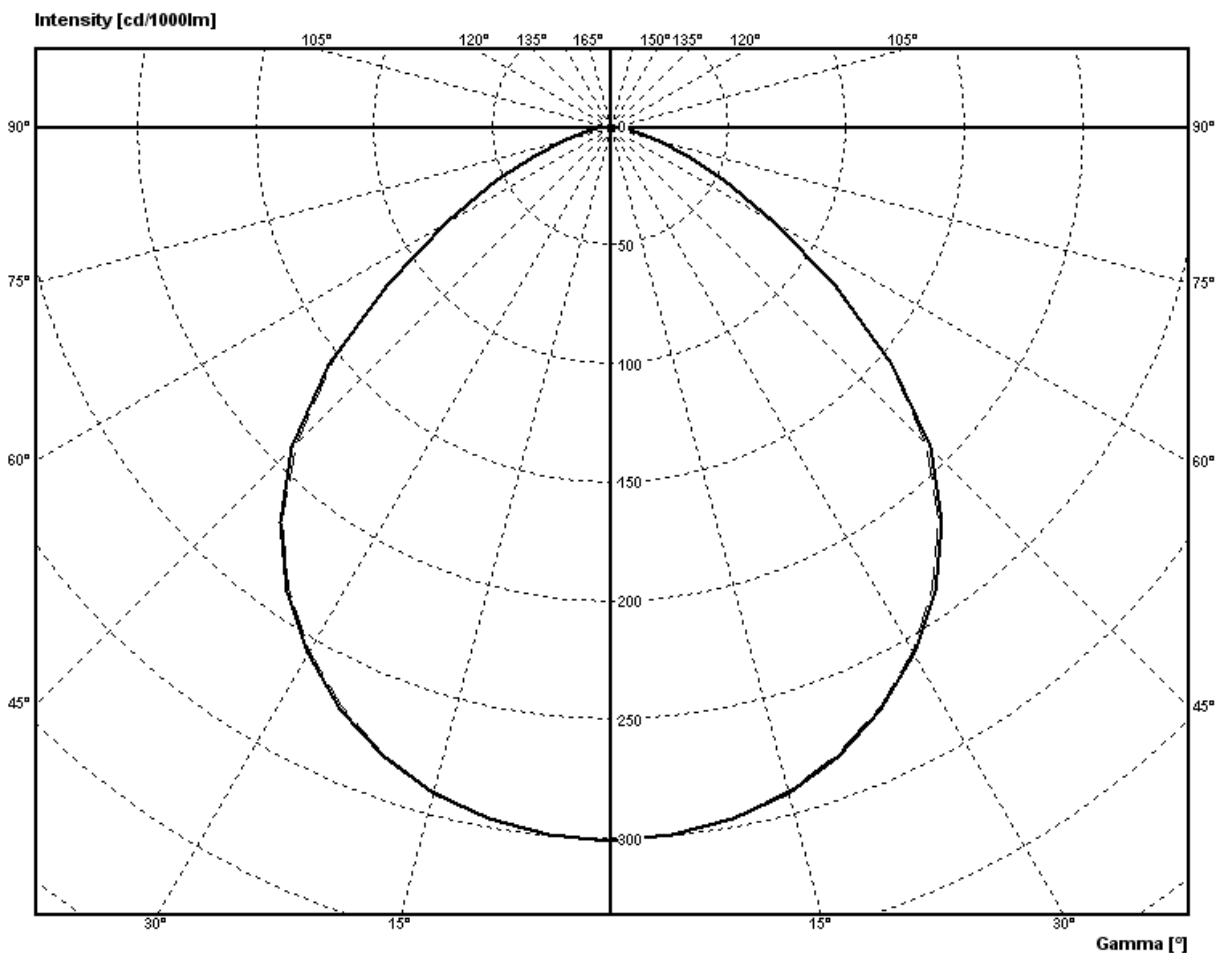
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 ROFY /T LED 105W gCONTROL [Ø1150mm] / 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>	16,2	17,7	16,5	18,0	18,3	16,1	17,7	16,5	18,0	18,3
<b>2H</b>	<b>3H</b>	16,7	18,1	17,1	18,4	18,7	16,7	18,0	17,1	18,4	18,7
<b>2H</b>	<b>4H</b>	16,9	18,1	17,2	18,5	18,8	16,8	18,1	17,2	18,4	18,8
<b>2H</b>	<b>6H</b>	17,0	18,1	17,4	18,5	18,9	16,9	18,1	17,3	18,5	18,9
<b>2H</b>	<b>8H</b>	16,9	18,1	17,4	18,5	18,9	16,9	18,0	17,3	18,4	18,8
<b>2H</b>	<b>12H</b>	16,9	18,0	17,3	18,4	18,8	16,9	18,0	17,3	18,4	18,8
<b>4H</b>	<b>2H</b>	16,5	17,8	16,9	18,1	18,5	16,4	17,7	16,8	18,1	18,4
<b>4H</b>	<b>3H</b>	17,1	18,2	17,5	18,6	19,0	17,1	18,2	17,5	18,5	19,0
<b>4H</b>	<b>4H</b>	17,4	18,3	17,8	18,7	19,2	17,3	18,3	17,8	18,7	19,1
<b>4H</b>	<b>6H</b>	17,5	18,3	17,9	18,7	19,2	17,4	18,3	17,9	18,7	19,2
<b>4H</b>	<b>8H</b>	17,5	18,3	18,0	18,7	19,2	17,5	18,2	17,9	18,7	19,2
<b>4H</b>	<b>12H</b>	17,5	18,3	18,0	18,7	19,2	17,5	18,2	18,0	18,7	19,2
<b>8H</b>	<b>4H</b>	17,4	18,1	17,8	18,6	19,1	17,3	18,1	17,8	18,6	19,0
<b>8H</b>	<b>6H</b>	17,5	18,2	18,0	18,6	19,1	17,5	18,1	18,0	18,6	19,1
<b>8H</b>	<b>8H</b>	17,7	18,2	18,2	18,7	19,2	17,6	18,2	18,1	18,7	19,2
<b>8H</b>	<b>12H</b>	17,7	18,2	18,2	18,7	19,2	17,6	18,1	18,2	18,6	19,1
<b>12H</b>	<b>4H</b>	17,4	18,1	17,8	18,5	19,0	17,3	18,1	17,8	18,5	19,0
<b>12H</b>	<b>6H</b>	17,6	18,1	18,1	18,6	19,1	17,5	18,1	18,1	18,6	19,1
<b>12H</b>	<b>8H</b>	17,7	18,1	18,2	18,6	19,1	17,6	18,1	18,1	18,6	19,1

UGR values are corrected for lamp flux of 18300 lm by 10,1

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Luminance [cd/m<sup>2</sup>] ROFY /T LED 105W gCONTROL [Ø1150mm] / Direct in 15° C / 5° 

G/C [cd/	0,00	15,00	30,00	45,00	60,00	75,00	90,00	105,00	120,00
45,00	5025,42	5025,62	5002,58	4997,61	4982,70	4985,18	4963,45	4985,18	4982,70
50,00	4502,30	4530,03	4502,58	4486,18	4480,71	4494,38	4464,37	4494,38	4480,71
55,00	3749,02	3786,03	3795,90	3762,20	3719,31	3762,20	3758,44	3762,20	3719,31
60,00	2960,67	2978,66	3033,03	2955,71	2966,25	2983,82	2989,21	2983,82	2966,25
65,00	2324,12	2346,60	2361,76	2307,70	2382,55	2353,44	2304,99	2353,44	2382,55
70,00	1835,90	1866,22	1870,19	1839,36	1901,01	1859,91	1840,52	1859,91	1901,01
75,00	1504,44	1501,43	1534,43	1507,27	1500,48	1466,54	1481,05	1466,54	1500,48
80,00	1292,88	1306,25	1366,15	1295,31	1285,19	1275,07	1235,37	1275,07	1285,19
85,00	1287,96	1331,55	1350,87	1250,06	1270,22	1310,55	1170,15	1310,55	1270,22

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4997,61	5002,58	5025,62	5025,42	5025,62	5002,58	4997,61	4982,70	4985,18
50,00	4486,18	4502,58	4530,03	4502,30	4530,03	4502,58	4486,18	4480,71	4494,38
55,00	3762,20	3795,90	3786,03	3749,02	3786,03	3795,90	3762,20	3719,31	3762,20
60,00	2955,71	3033,03	2978,66	2960,67	2978,66	3033,03	2955,71	2966,25	2983,82
65,00	2307,70	2361,76	2346,60	2324,12	2346,60	2361,76	2307,70	2382,55	2353,44
70,00	1839,36	1870,19	1866,22	1835,90	1866,22	1870,19	1839,36	1901,01	1859,91
75,00	1507,27	1534,43	1501,43	1504,44	1501,43	1534,43	1507,27	1500,48	1466,54
80,00	1295,31	1366,15	1306,25	1292,88	1306,25	1366,15	1295,31	1285,19	1275,07
85,00	1250,06	1350,87	1331,55	1287,96	1331,55	1350,87	1250,06	1270,22	1310,55

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4963,45	4985,18	4982,70	4997,61	5002,58	5025,62
50,00	4464,37	4494,38	4480,71	4486,18	4502,58	4530,03
55,00	3758,44	3762,20	3719,31	3762,20	3795,90	3786,03
60,00	2989,21	2983,82	2966,25	2955,71	3033,03	2978,66
65,00	2304,99	2353,44	2382,55	2307,70	2361,76	2346,60
70,00	1840,52	1859,91	1901,01	1839,36	1870,19	1866,22
75,00	1481,05	1466,54	1500,48	1507,27	1534,43	1501,43
80,00	1235,37	1275,07	1285,19	1295,31	1366,15	1306,25
85,00	1170,15	1310,55	1270,22	1250,06	1350,87	1331,55

**HEADQUARTERS**

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