

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /T LED 36W gCONTROL+ [Ø400mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	400 mm
<b>Report:</b>	15-02-2017	<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>	36,42 W
<b>Lamp flux:</b>	4090,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	15-02-2017 12:15:39	<b>Output ratio:</b>	70,5 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,71 D  
**IES-class:** 58 - 88 - 98 - 100 - 71  
**TM5-class:** BZ3

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

	Horizontal	Vertical
<b>One half peak divergence</b>	93,9°	93,8°
<b>Half peak side angle (left)</b>	-46,9°	-46,9°
<b>Half peak side angle (right)</b>	46,9°	46,9°
<b>One tenth peak divergence</b>	142,3°	141,5°
<b>Tenth peak side angle (left)</b>	-71,2°	-70,8°
<b>Tenth peak side angle (right)</b>	71,2°	70,8°

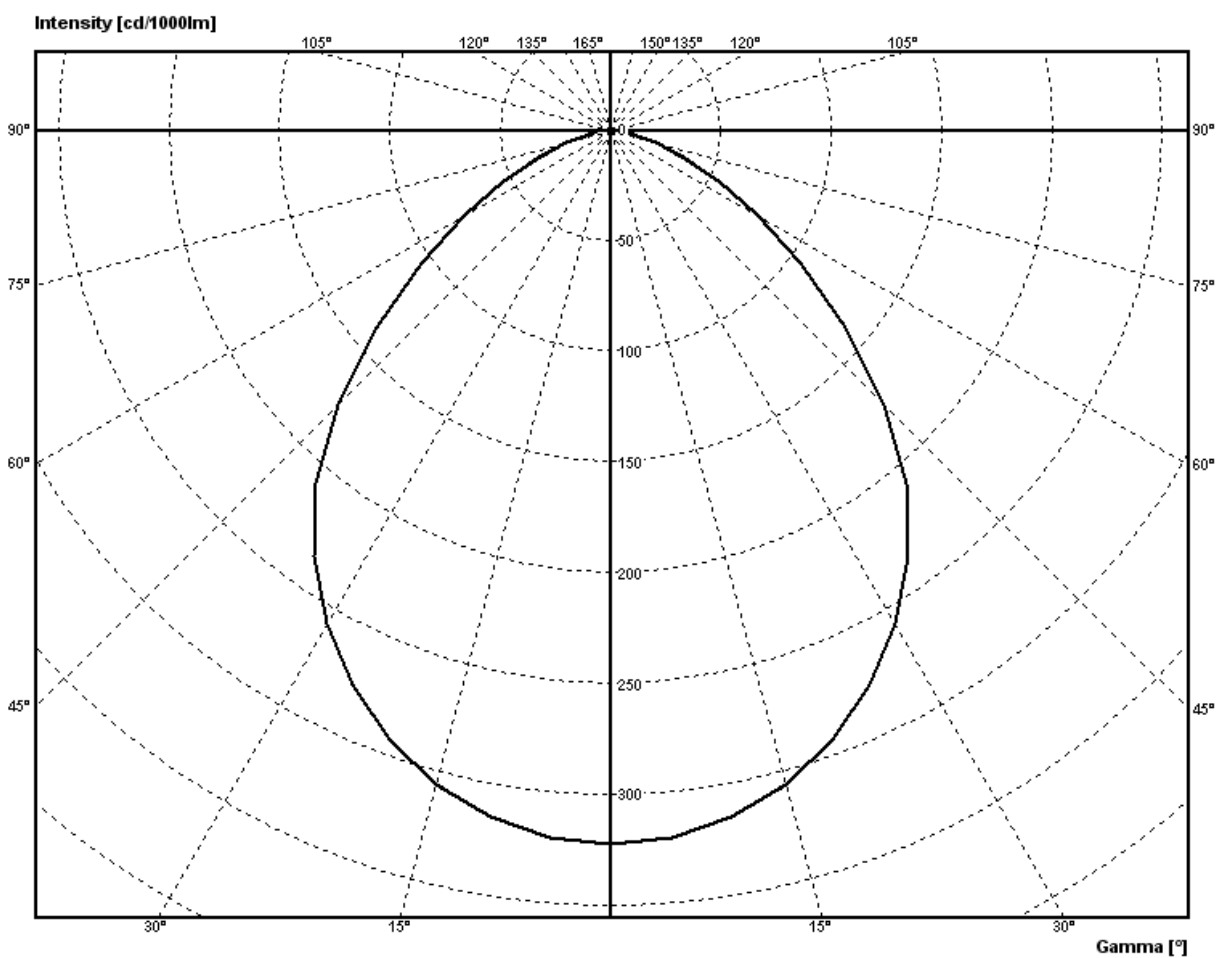
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 36W gCONTROL+ [Ø400mm] / 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>	17,3	18,8	17,7	19,1	19,4	17,3	18,8	17,7	19,1	19,4
<b>2H</b>	<b>3H</b>	17,8	19,2	18,2	19,5	19,9	17,9	19,2	18,3	19,6	19,9
<b>2H</b>	<b>4H</b>	18,0	19,2	18,4	19,6	20,0	18,0	19,3	18,4	19,6	20,0
<b>2H</b>	<b>6H</b>	18,1	19,2	18,5	19,6	20,0	18,1	19,3	18,5	19,6	20,0
<b>2H</b>	<b>8H</b>	18,0	19,2	18,4	19,5	19,9	18,1	19,2	18,5	19,6	20,0
<b>2H</b>	<b>12H</b>	18,0	19,1	18,4	19,5	19,9	18,1	19,1	18,5	19,5	19,9
<b>4H</b>	<b>2H</b>	17,6	18,9	18,0	19,2	19,6	17,6	18,9	18,0	19,2	19,6
<b>4H</b>	<b>3H</b>	18,2	19,3	18,6	19,7	20,1	18,3	19,3	18,7	19,7	20,1
<b>4H</b>	<b>4H</b>	18,5	19,4	18,9	19,8	20,2	18,5	19,4	18,9	19,8	20,3
<b>4H</b>	<b>6H</b>	18,5	19,4	19,0	19,8	20,2	18,6	19,4	19,0	19,8	20,3
<b>4H</b>	<b>8H</b>	18,5	19,3	19,0	19,8	20,2	18,6	19,4	19,1	19,8	20,3
<b>4H</b>	<b>12H</b>	18,6	19,3	19,0	19,7	20,2	18,6	19,3	19,1	19,8	20,3
<b>8H</b>	<b>4H</b>	18,4	19,2	18,9	19,7	20,1	18,5	19,3	19,0	19,7	20,2
<b>8H</b>	<b>6H</b>	18,5	19,2	19,0	19,7	20,2	18,6	19,2	19,1	19,7	20,2
<b>8H</b>	<b>8H</b>	18,6	19,2	19,2	19,7	20,2	18,7	19,2	19,2	19,8	20,2
<b>8H</b>	<b>12H</b>	18,7	19,1	19,2	19,7	20,2	18,7	19,2	19,2	19,7	20,2
<b>12H</b>	<b>4H</b>	18,4	19,1	18,9	19,6	20,1	18,5	19,2	19,0	19,6	20,1
<b>12H</b>	<b>6H</b>	18,6	19,1	19,1	19,7	20,1	18,6	19,2	19,1	19,7	20,2
<b>12H</b>	<b>8H</b>	18,6	19,1	19,2	19,6	20,1	18,7	19,1	19,2	19,7	20,2

UGR values are corrected for lamp flux of 4090 lm by 4,9

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Luminance [cd/m<sup>2</sup>] ROFY /T LED 36W gCONTROL+ [Ø400mm] / 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	9505,57	9523,43	9530,53	9539,29	9519,45	9514,66	9498,78	9514,66	9519,45
50,00	8265,65	8262,45	8312,60	8328,43	8274,02	8269,32	8316,96	8269,32	8274,02
55,00	6999,49	7044,31	7068,80	7045,29	7066,85	7053,67	7055,52	7053,67	7066,85
60,00	5886,13	5948,71	5976,24	5979,60	6008,61	5994,05	5976,13	5994,05	6008,61
65,00	4857,10	4895,45	4958,18	4982,45	4968,47	4951,80	4972,31	4951,80	4968,47
70,00	3843,35	3947,32	3981,57	3941,54	4007,41	3963,63	3988,41	3963,63	4007,41
75,00	3102,36	3065,80	3116,77	3133,94	3156,05	3105,04	3174,88	3105,04	3156,05
80,00	2666,26	2625,83	2673,26	2709,22	2646,60	2645,91	2730,77	2645,91	2646,60
85,00	2934,72	2811,33	2812,07	2885,04	2757,64	2794,18	3018,50	2794,18	2757,64

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	9539,29	9530,53	9523,43	9505,57	9523,43	9530,53	9539,29	9519,45	9514,66
50,00	8328,43	8312,60	8262,45	8265,65	8262,45	8312,60	8328,43	8274,02	8269,32
55,00	7045,29	7068,80	7044,31	6999,49	7044,31	7068,80	7045,29	7066,85	7053,67
60,00	5979,60	5976,24	5948,71	5886,13	5948,71	5976,24	5979,60	6008,61	5994,05
65,00	4982,45	4958,18	4895,45	4857,10	4895,45	4958,18	4982,45	4968,47	4951,80
70,00	3941,54	3981,57	3947,32	3843,35	3947,32	3981,57	3941,54	4007,41	3963,63
75,00	3133,94	3116,77	3065,80	3102,36	3065,80	3116,77	3133,94	3156,05	3105,04
80,00	2709,22	2673,26	2625,83	2666,26	2625,83	2673,26	2709,22	2646,60	2645,91
85,00	2885,04	2812,07	2811,33	2934,72	2811,33	2812,07	2885,04	2757,64	2794,18

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	9498,78	9514,66	9519,45	9539,29	9530,53	9523,43
50,00	8316,96	8269,32	8274,02	8328,43	8312,60	8262,45
55,00	7055,52	7053,67	7066,85	7045,29	7068,80	7044,31
60,00	5976,13	5994,05	6008,61	5979,60	5976,24	5948,71
65,00	4972,31	4951,80	4968,47	4982,45	4958,18	4895,45
70,00	3988,41	3963,63	4007,41	3941,54	3981,57	3947,32
75,00	3174,88	3105,04	3156,05	3133,94	3116,77	3065,80
80,00	2730,77	2645,91	2646,60	2709,22	2673,26	2625,83
85,00	3018,50	2794,18	2757,64	2885,04	2812,07	2811,33

**HEADQUARTERS**

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