

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /E LED 36W gCONTROL [Ø400mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	400 mm
<b>Report:</b>	12-09-2016	<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>	92 mm
<b>Number:</b>	1	<b>Power:</b>	36,42 W
<b>Lamp flux:</b>	4090,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	12-09-2016 15:55:31	<b>Output ratio:</b>	81,0 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,81 D  
**IES-class:** 57 - 88 - 98 - 100 - 81  
**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>	101,5°	101,6°
<b>Half peak side angle (left)</b>	-50,8°	-50,8°
<b>Half peak side angle (right)</b>	50,8°	50,8°
<b>One tenth peak divergence</b>	143,6°	142,3°
<b>Tenth peak side angle (left)</b>	-71,8°	-71,2°
<b>Tenth peak side angle (right)</b>	71,8°	71,2°

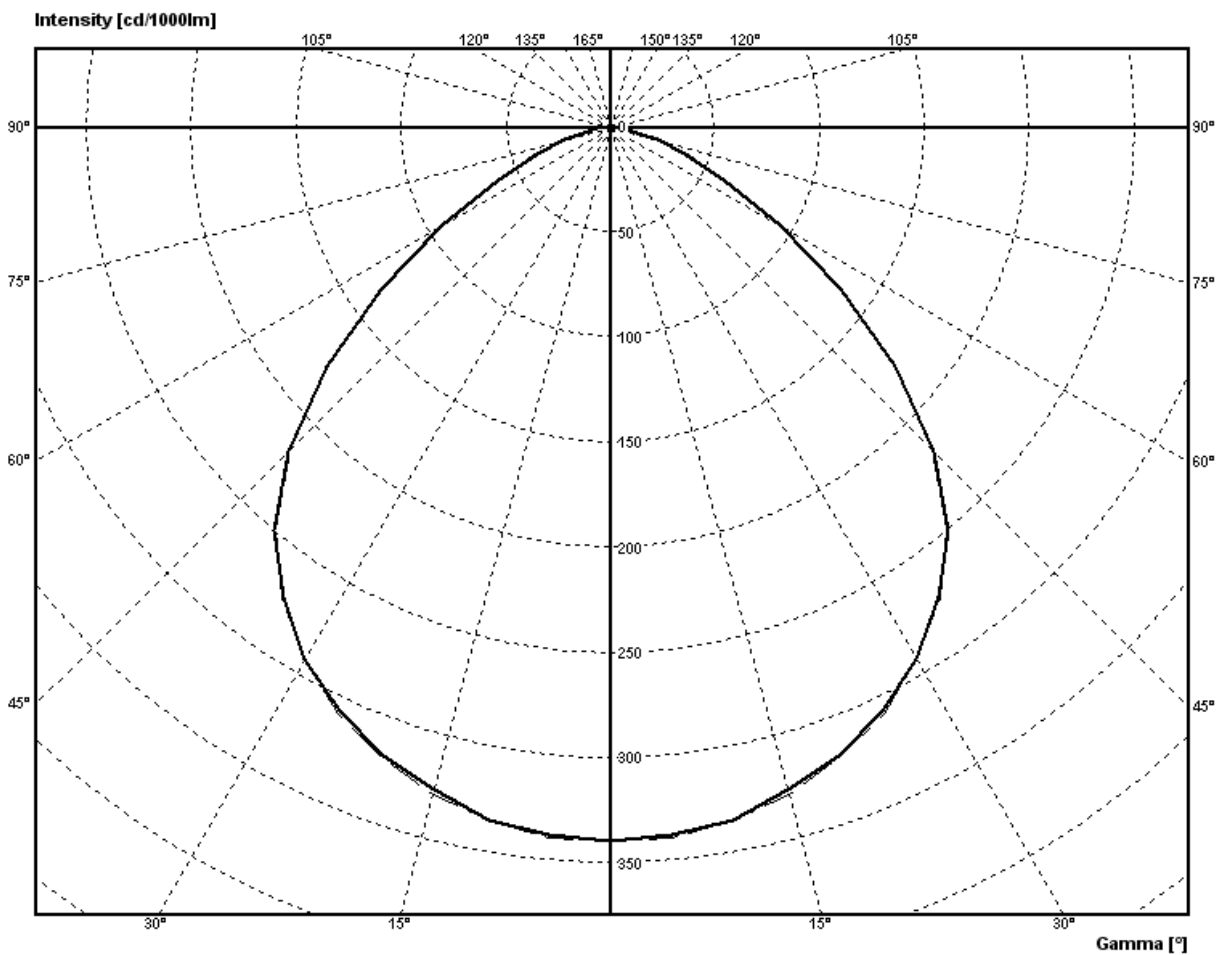
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 /E 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>	18,4	19,9	18,7	20,2	20,5	18,4	19,9	18,8	20,2	20,6
<b>2H</b>	<b>3H</b>	18,8	20,2	19,2	20,5	20,9	18,9	20,3	19,3	20,6	20,9
<b>2H</b>	<b>4H</b>	18,9	20,2	19,3	20,6	20,9	19,0	20,3	19,4	20,6	21,0
<b>2H</b>	<b>6H</b>	19,0	20,2	19,4	20,5	20,9	19,1	20,2	19,5	20,6	21,0
<b>2H</b>	<b>8H</b>	19,0	20,1	19,4	20,5	20,9	19,0	20,2	19,5	20,5	20,9
<b>2H</b>	<b>12H</b>	18,9	20,0	19,4	20,4	20,8	19,0	20,1	19,4	20,5	20,9
<b>4H</b>	<b>2H</b>	18,6	19,9	19,0	20,2	20,6	18,6	19,9	19,0	20,3	20,6
<b>4H</b>	<b>3H</b>	19,1	20,2	19,5	20,6	21,0	19,2	20,3	19,6	20,6	21,0
<b>4H</b>	<b>4H</b>	19,3	20,3	19,7	20,7	21,1	19,4	20,3	19,8	20,7	21,2
<b>4H</b>	<b>6H</b>	19,4	20,2	19,8	20,7	21,1	19,4	20,3	19,9	20,7	21,2
<b>4H</b>	<b>8H</b>	19,4	20,2	19,9	20,6	21,1	19,5	20,2	19,9	20,7	21,1
<b>4H</b>	<b>12H</b>	19,4	20,1	19,9	20,6	21,1	19,5	20,2	20,0	20,6	21,1
<b>8H</b>	<b>4H</b>	19,3	20,1	19,8	20,5	21,0	19,4	20,1	19,8	20,6	21,1
<b>8H</b>	<b>6H</b>	19,4	20,0	19,9	20,5	21,0	19,5	20,1	19,9	20,6	21,1
<b>8H</b>	<b>8H</b>	19,5	20,0	20,0	20,6	21,0	19,5	20,1	20,1	20,6	21,1
<b>8H</b>	<b>12H</b>	19,5	20,0	20,0	20,5	21,0	19,6	20,0	20,1	20,5	21,0
<b>12H</b>	<b>4H</b>	19,3	20,0	19,8	20,4	20,9	19,4	20,1	19,8	20,5	21,0
<b>12H</b>	<b>6H</b>	19,4	20,0	20,0	20,5	21,0	19,5	20,1	20,0	20,6	21,1
<b>12H</b>	<b>8H</b>	19,5	20,0	20,0	20,5	21,0	19,5	20,0	20,1	20,5	21,0

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

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Luminance [cd/m<sup>2</sup>] ROFY /E LED 36W gCONTROL [Ø400mm] / 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	12352,8	12400,3	12344,3	12320,6	12293,0	12293,2	12290,2	12293,2	12293,0
50,00	11027,1	10938,8	10863,6	10839,0	10884,7	10938,9	10985,7	10938,9	10884,7
55,00	9348,25	9130,66	8786,33	8591,86	8900,44	9199,43	9380,35	9199,43	8900,44
60,00	7472,12	7156,03	6861,67	6626,18	6932,53	7254,86	7669,34	7254,86	6932,53
65,00	5697,06	5528,10	5336,82	5300,02	5405,13	5705,76	6040,85	5705,76	5405,13
70,00	4379,52	4364,83	4237,49	4327,19	4407,04	4452,04	4671,59	4452,04	4407,04
75,00	3528,56	3526,36	3603,63	3584,76	3510,30	3627,65	3610,06	3627,65	3510,30
80,00	2968,29	3131,64	3284,58	3389,22	3099,35	3052,63	3000,40	3052,63	3099,35
85,00	2976,84	3079,98	3301,92	3654,37	3415,18	2921,75	2949,13	2921,75	3415,18

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	12320,6	12344,3	12400,3	12352,8	12400,3	12344,3	12320,6	12293,0	12293,2
50,00	10839,0	10863,6	10938,8	11027,1	10938,8	10863,6	10839,0	10884,7	10938,9
55,00	8591,86	8786,33	9130,66	9348,25	9130,66	8786,33	8591,86	8900,44	9199,43
60,00	6626,18	6861,67	7156,03	7472,12	7156,03	6861,67	6626,18	6932,53	7254,86
65,00	5300,02	5336,82	5528,10	5697,06	5528,10	5336,82	5300,02	5405,13	5705,76
70,00	4327,19	4237,49	4364,83	4379,52	4364,83	4237,49	4327,19	4407,04	4452,04
75,00	3584,76	3603,63	3526,36	3528,56	3526,36	3603,63	3584,76	3510,30	3627,65
80,00	3389,22	3284,58	3131,64	2968,29	3131,64	3284,58	3389,22	3099,35	3052,63
85,00	3654,37	3301,92	3079,98	2976,84	3079,98	3301,92	3654,37	3415,18	2921,75

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	12290,2	12293,2	12293,0	12320,6	12344,3	12400,3
50,00	10985,7	10938,9	10884,7	10839,0	10863,6	10938,8
55,00	9380,35	9199,43	8900,44	8591,86	8786,33	9130,66
60,00	7669,34	7254,86	6932,53	6626,18	6861,67	7156,03
65,00	6040,85	5705,76	5405,13	5300,02	5336,82	5528,10
70,00	4671,59	4452,04	4407,04	4327,19	4237,49	4364,83
75,00	3610,06	3627,65	3510,30	3584,76	3603,63	3526,36
80,00	3000,40	3052,63	3099,35	3389,22	3284,58	3131,64
85,00	2949,13	2921,75	3415,18	3654,37	3301,92	3079,98

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