

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /E LED 47W gCONTROL [Ø600mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	600 mm
<b>Report:</b>	13-09-2016	<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>	9,07 W
<b>Lamp flux:</b>	7668,00 lm	<b>Operator:</b>	INDEL AGUE GROUP
<b>Date:</b>	13-09-2016 9:54:16	<b>Output ratio:</b>	71,7 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,72 D  
**IES-class:** 57 - 89 - 98 - 100 - 72  
**TM5-class:** BZ2/2.50/BZ3

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

	Horizontal	Vertical
<b>One half peak divergence</b>	98,0°	100,0°
<b>Half peak side angle (left)</b>	-49,0°	-50,0°
<b>Half peak side angle (right)</b>	49,0°	50,0°
<b>One tenth peak divergence</b>	140,0°	142,3°
<b>Tenth peak side angle (left)</b>	-70,0°	-71,2°
<b>Tenth peak side angle (right)</b>	70,0°	71,2°

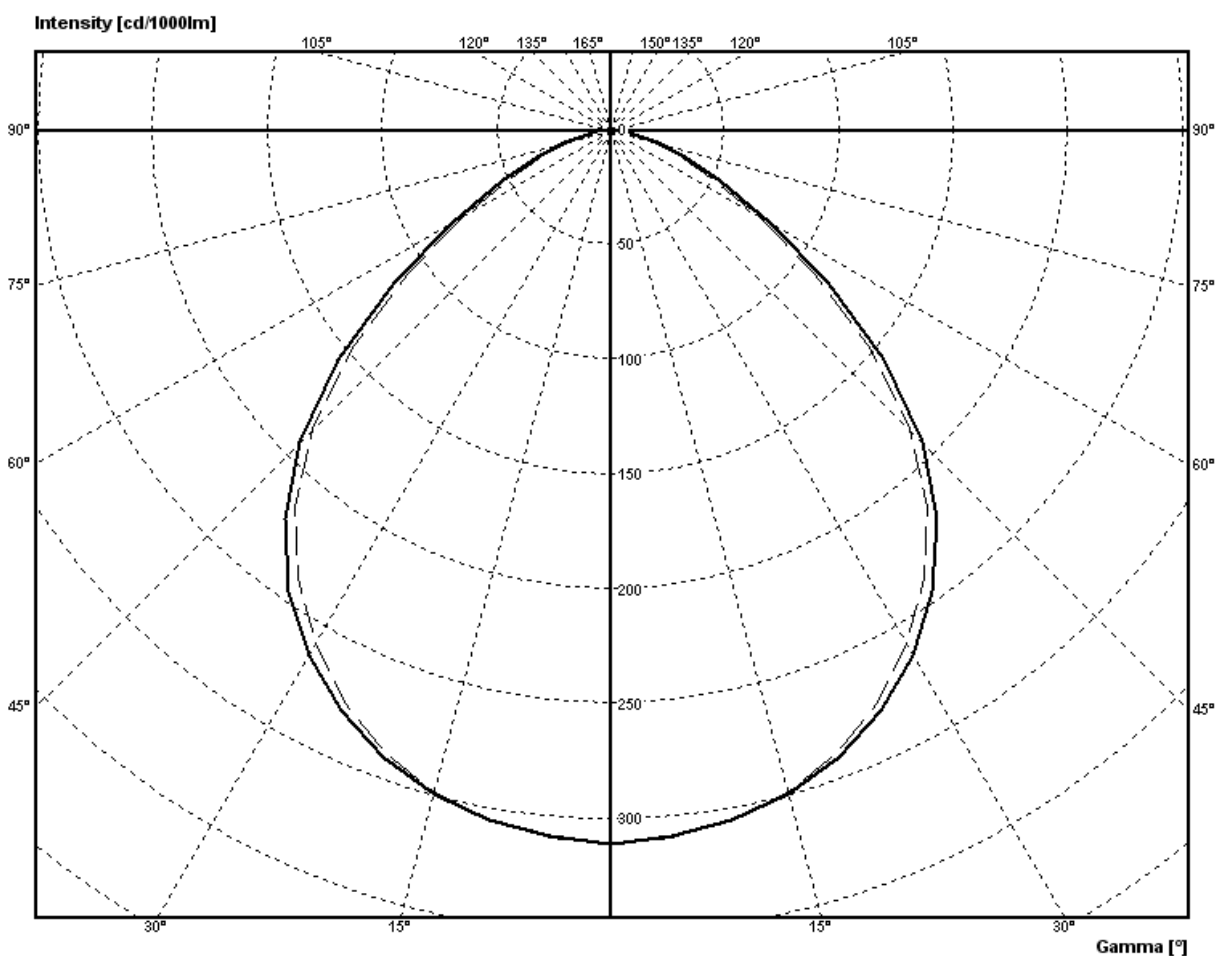
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 47W gCONTROL [Ø600mm] / 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>	17,6	19,1	17,9	19,4	19,7	17,3	18,8	17,6	19,1	19,4
<b>2H</b>	<b>3H</b>	18,0	19,4	18,4	19,7	20,1	17,7	19,1	18,1	19,4	19,7
<b>2H</b>	<b>4H</b>	18,2	19,4	18,6	19,8	20,2	17,8	19,1	18,2	19,4	19,8
<b>2H</b>	<b>6H</b>	18,3	19,4	18,7	19,8	20,2	17,9	19,1	18,3	19,4	19,8
<b>2H</b>	<b>8H</b>	18,2	19,4	18,7	19,7	20,1	17,9	19,0	18,3	19,4	19,8
<b>2H</b>	<b>12H</b>	18,2	19,3	18,6	19,7	20,1	17,8	18,9	18,3	19,3	19,7
<b>4H</b>	<b>2H</b>	17,8	19,1	18,2	19,4	19,8	17,6	18,8	17,9	19,2	19,5
<b>4H</b>	<b>3H</b>	18,4	19,4	18,8	19,8	20,2	18,1	19,2	18,5	19,5	19,9
<b>4H</b>	<b>4H</b>	18,6	19,5	19,0	19,9	20,4	18,3	19,2	18,7	19,6	20,1
<b>4H</b>	<b>6H</b>	18,7	19,5	19,2	20,0	20,4	18,4	19,2	18,8	19,6	20,1
<b>4H</b>	<b>8H</b>	18,7	19,5	19,2	19,9	20,4	18,4	19,1	18,8	19,6	20,1
<b>4H</b>	<b>12H</b>	18,8	19,5	19,2	19,9	20,4	18,4	19,1	18,9	19,5	20,1
<b>8H</b>	<b>4H</b>	18,6	19,4	19,1	19,8	20,3	18,3	19,1	18,8	19,5	20,0
<b>8H</b>	<b>6H</b>	18,7	19,4	19,2	19,8	20,3	18,4	19,0	18,9	19,5	20,0
<b>8H</b>	<b>8H</b>	18,8	19,4	19,3	19,9	20,4	18,5	19,0	19,0	19,5	20,0
<b>8H</b>	<b>12H</b>	18,9	19,3	19,4	19,8	20,3	18,5	19,0	19,0	19,5	20,0
<b>12H</b>	<b>4H</b>	18,6	19,3	19,1	19,7	20,2	18,3	19,0	18,8	19,4	19,9
<b>12H</b>	<b>6H</b>	18,8	19,3	19,3	19,8	20,3	18,4	19,0	18,9	19,5	20,0
<b>12H</b>	<b>8H</b>	18,8	19,3	19,3	19,8	20,3	18,5	18,9	19,0	19,5	20,0

UGR values are corrected for lamp flux of 7668 lm by 7,1

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Luminance [cd/m<sup>2</sup>] ROFY /E LED 47W gCONTROL [Ø600mm] / 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	8446,99	8468,05	8410,94	8319,24	8216,68	8120,69	8104,73	8120,69	8216,68
50,00	7523,83	7547,83	7475,83	7347,10	7275,16	7164,94	7175,90	7164,94	7275,16
55,00	6267,10	6285,91	6205,77	6053,57	5961,36	5892,54	5915,46	5892,54	5961,36
60,00	4977,44	4952,58	4947,08	4708,60	4701,62	4625,17	4653,38	4625,17	4701,62
65,00	3883,97	3852,65	3849,36	3667,37	3735,98	3605,44	3538,24	3605,44	3735,98
70,00	3102,74	3049,36	3019,20	2919,90	2945,70	2841,57	2821,47	2841,57	2945,70
75,00	2511,96	2472,48	2444,82	2384,50	2313,37	2235,14	2250,13	2235,14	2313,37
80,00	2206,16	2207,88	2242,12	2031,46	1938,01	1958,48	1919,91	1958,48	1938,01
85,00	2310,05	2300,00	2318,10	2092,12	1970,85	2099,87	1920,67	2099,87	1970,85

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	8319,24	8410,94	8468,05	8446,99	8468,05	8410,94	8319,24	8216,68	8120,69
50,00	7347,10	7475,83	7547,83	7523,83	7547,83	7475,83	7347,10	7275,16	7164,94
55,00	6053,57	6205,77	6285,91	6267,10	6285,91	6205,77	6053,57	5961,36	5892,54
60,00	4708,60	4947,08	4952,58	4977,44	4952,58	4947,08	4708,60	4701,62	4625,17
65,00	3667,37	3849,36	3852,65	3883,97	3852,65	3849,36	3667,37	3735,98	3605,44
70,00	2919,90	3019,20	3049,36	3102,74	3049,36	3019,20	2919,90	2945,70	2841,57
75,00	2384,50	2444,82	2472,48	2511,96	2472,48	2444,82	2384,50	2313,37	2235,14
80,00	2031,46	2242,12	2207,88	2206,16	2207,88	2242,12	2031,46	1938,01	1958,48
85,00	2092,12	2318,10	2300,00	2310,05	2300,00	2318,10	2092,12	1970,85	2099,87

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	8104,73	8120,69	8216,68	8319,24	8410,94	8468,05
50,00	7175,90	7164,94	7275,16	7347,10	7475,83	7547,83
55,00	5915,46	5892,54	5961,36	6053,57	6205,77	6285,91
60,00	4653,38	4625,17	4701,62	4708,60	4947,08	4952,58
65,00	3538,24	3605,44	3735,98	3667,37	3849,36	3852,65
70,00	2821,47	2841,57	2945,70	2919,90	3019,20	3049,36
75,00	2250,13	2235,14	2313,37	2384,50	2444,82	2472,48
80,00	1919,91	1958,48	1938,01	2031,46	2242,12	2207,88
85,00	1920,67	2099,87	1970,85	2092,12	2318,10	2300,00