

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /E LED 68W gCONTROL [Ø900mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	900 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>	68,31 W
<b>Lamp flux:</b>	11212,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	12-09-2016 10:19:48	<b>Output ratio:</b>	72,6 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,73 D  
**IES-class:** 56 - 88 - 98 - 100 - 73  
**TM5-class:** BZ2/0.75/BZ3

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

	Horizontal	Vertical
<b>One half peak divergence</b>	102,4°	101,9°
<b>Half peak side angle (left)</b>	-54,0°	-48,4°
<b>Half peak side angle (right)</b>	48,5°	53,6°
<b>One tenth peak divergence</b>	144,6°	143,5°
<b>Tenth peak side angle (left)</b>	-73,6°	-69,3°
<b>Tenth peak side angle (right)</b>	71,0°	74,3°

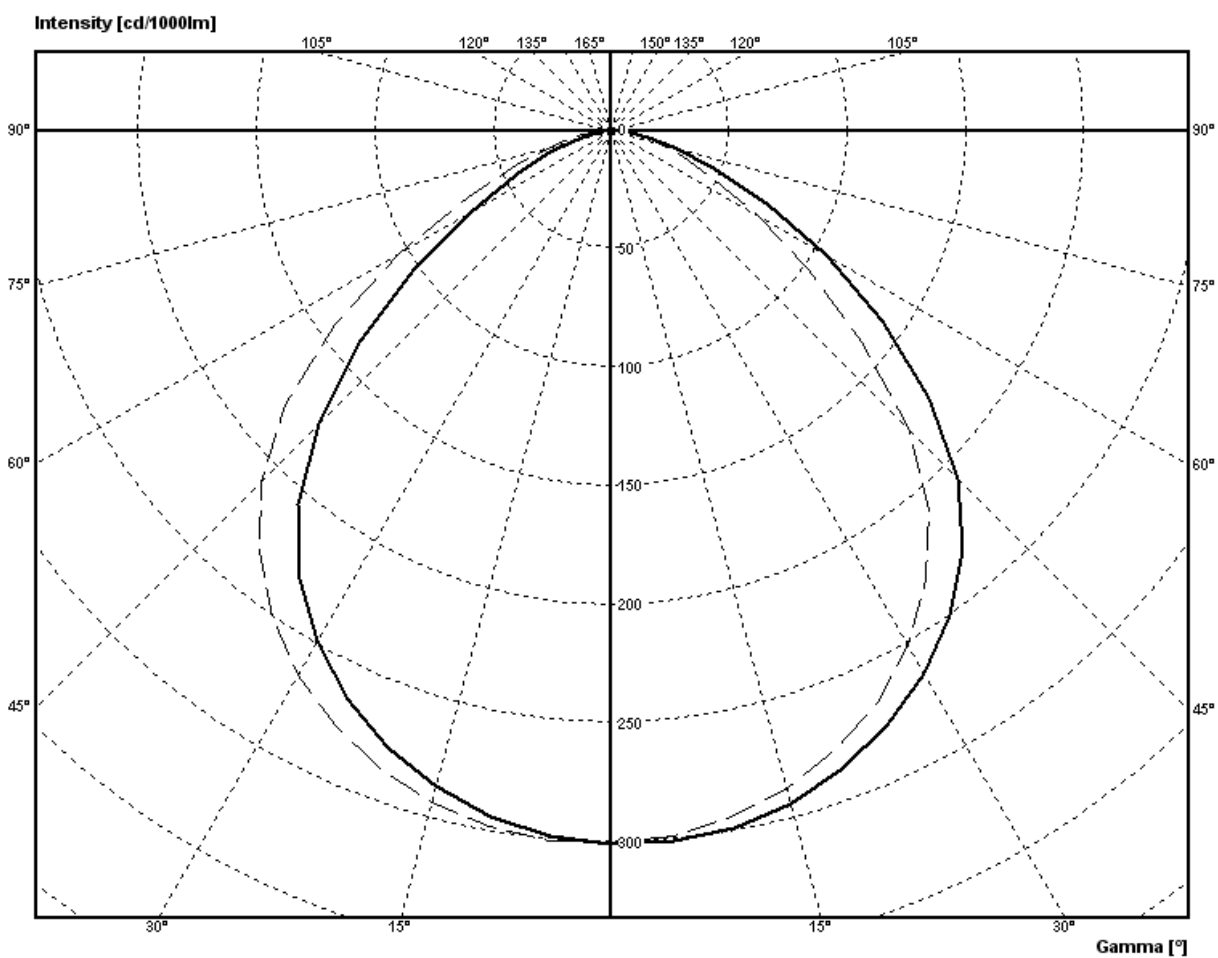
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 68W gCONTROL [Ø900mm] / 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>	16,4	17,9	16,8	18,2	18,6	16,4	17,9	16,8	18,3	18,6
<b>2H</b>	<b>3H</b>	17,0	18,4	17,4	18,7	19,0	17,0	18,3	17,3	18,7	19,0
<b>2H</b>	<b>4H</b>	17,1	18,4	17,5	18,8	19,1	17,1	18,4	17,5	18,8	19,1
<b>2H</b>	<b>6H</b>	17,2	18,4	17,6	18,8	19,2	17,3	18,4	17,7	18,8	19,2
<b>2H</b>	<b>8H</b>	17,2	18,4	17,6	18,7	19,1	17,2	18,4	17,7	18,8	19,2
<b>2H</b>	<b>12H</b>	17,2	18,3	17,6	18,7	19,1	17,2	18,3	17,6	18,7	19,1
<b>4H</b>	<b>2H</b>	16,7	18,0	17,1	18,3	18,7	16,7	17,9	17,1	18,3	18,7
<b>4H</b>	<b>3H</b>	17,4	18,4	17,8	18,8	19,2	17,3	18,4	17,7	18,8	19,2
<b>4H</b>	<b>4H</b>	17,6	18,6	18,1	19,0	19,4	17,6	18,6	18,0	19,0	19,4
<b>4H</b>	<b>6H</b>	17,7	18,6	18,2	19,0	19,4	17,7	18,6	18,2	19,0	19,5
<b>4H</b>	<b>8H</b>	17,7	18,5	18,2	19,0	19,4	17,8	18,6	18,2	19,0	19,5
<b>4H</b>	<b>12H</b>	17,8	18,5	18,2	18,9	19,4	17,8	18,5	18,3	19,0	19,5
<b>8H</b>	<b>4H</b>	17,6	18,4	18,1	18,9	19,3	17,6	18,4	18,1	18,8	19,3
<b>8H</b>	<b>6H</b>	17,8	18,4	18,3	18,9	19,4	17,8	18,5	18,3	18,9	19,4
<b>8H</b>	<b>8H</b>	17,9	18,4	18,4	19,0	19,4	17,9	18,5	18,4	19,0	19,5
<b>8H</b>	<b>12H</b>	17,9	18,4	18,4	18,9	19,4	18,0	18,4	18,5	19,0	19,5
<b>12H</b>	<b>4H</b>	17,6	18,3	18,1	18,8	19,3	17,6	18,3	18,1	18,8	19,3
<b>12H</b>	<b>6H</b>	17,8	18,4	18,3	18,9	19,4	17,8	18,4	18,4	18,9	19,4
<b>12H</b>	<b>8H</b>	17,9	18,4	18,4	18,9	19,4	17,9	18,4	18,5	18,9	19,4

UGR values are corrected for lamp flux of 11212 lm by 8,4

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Luminance [cd/m<sup>2</sup>] ROFY /E LED 68W gCONTROL [Ø900mm] / 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	5650,79	5587,78	5659,31	5579,26	5654,20	5572,45	4836,73	5533,28	5555,42
50,00	5260,75	5176,44	5264,50	5138,97	5277,61	5123,99	4149,77	5069,65	5114,62
55,00	4711,40	4598,02	4665,21	4392,26	4461,55	4297,78	3418,07	4432,16	4404,86
60,00	4043,88	3892,15	3901,78	3480,29	3511,60	3506,79	2728,84	3738,00	3660,93
65,00	3288,33	3217,09	3137,31	2840,96	2892,25	2880,85	2188,42	3043,27	2940,69
70,00	2612,58	2542,16	2584,42	2425,97	2591,46	2429,49	1823,88	2538,64	2464,70
75,00	2037,96	2000,74	2177,55	2084,49	2270,61	2037,96	1512,19	2242,69	2317,13
80,00	1719,89	1699,08	1955,68	1927,94	1941,81	1976,48	1220,56	1865,52	2184,53
85,00	1810,06	1713,34	2017,32	2335,12	2362,75	2583,83	1022,48	1948,23	2196,95

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5451,53	5526,47	5456,65	4777,12	4857,16	4780,52	4886,12	4889,52	5020,66
50,00	4981,60	5103,38	4985,35	4142,28	4280,92	4179,75	4228,46	4219,09	4346,49
55,00	4089,93	4272,59	4247,40	3403,38	3571,34	3457,96	3384,48	3208,12	3388,68
60,00	3282,80	3321,33	3362,28	2678,26	2870,94	2654,18	2514,48	2268,81	2475,95
65,00	2669,99	2704,18	2684,24	2037,40	2196,97	2017,45	1949,06	1732,50	1954,76
70,00	2285,13	2334,43	2239,36	1549,24	1587,97	1478,82	1587,97	1383,76	1545,72
75,00	1875,11	1944,90	1870,46	1219,06	1242,32	1153,91	1288,85	1121,34	1256,28
80,00	1927,94	1699,08	1574,25	943,16	977,84	936,23	1054,12	950,10	1074,93
85,00	2611,46	2100,23	1685,71	746,13	718,50	746,13	870,49	759,95	829,04

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	5710,40	5100,70	5049,61	5114,33	4979,78	5020,66
50,00	5406,88	4548,83	4397,07	4458,90	4337,12	4397,07
55,00	4784,88	3888,37	3592,34	3460,06	3371,88	3592,34
60,00	3995,72	2960,06	2711,98	2531,34	2480,76	2697,53
65,00	3051,82	2077,29	2008,90	2000,35	1837,93	2071,59
70,00	2401,32	1531,64	1499,95	1587,97	1401,36	1644,31
75,00	1875,11	1246,97	1200,44	1288,85	1107,39	1330,72
80,00	1671,34	1081,86	1012,51	1144,28	984,77	1095,73
85,00	1851,51	870,49	884,30	925,76	801,40	939,57

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