

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /E LED 68W DOZ [Ø900mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	900 mm
<b>Report:</b>	09-09-2016	<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>	INDEL AGUE GROUP
<b>Date:</b>	09-09-2016 16:28:19	<b>Output ratio:</b>	71,4 %

**Protocol**

**LiTG-class:** A40  
**UTE-class:** 0,71 E  
**IES-class:** 47 - 79 - 96 - 100 - 71  
**TM5-class:** BZ4

<b>Divergences in the plane through maximum intensity:</b>	Horizontal	Vertical
<b>One half peak divergence</b>	113,6°	112,0°
<b>Half peak side angle (left)</b>	-56,8°	-56,0°
<b>Half peak side angle (right)</b>	56,8°	56,0°
<b>One tenth peak divergence</b>	161,6°	159,8°
<b>Tenth peak side angle (left)</b>	-80,8°	-79,9°
<b>Tenth peak side angle (right)</b>	80,8°	79,9°

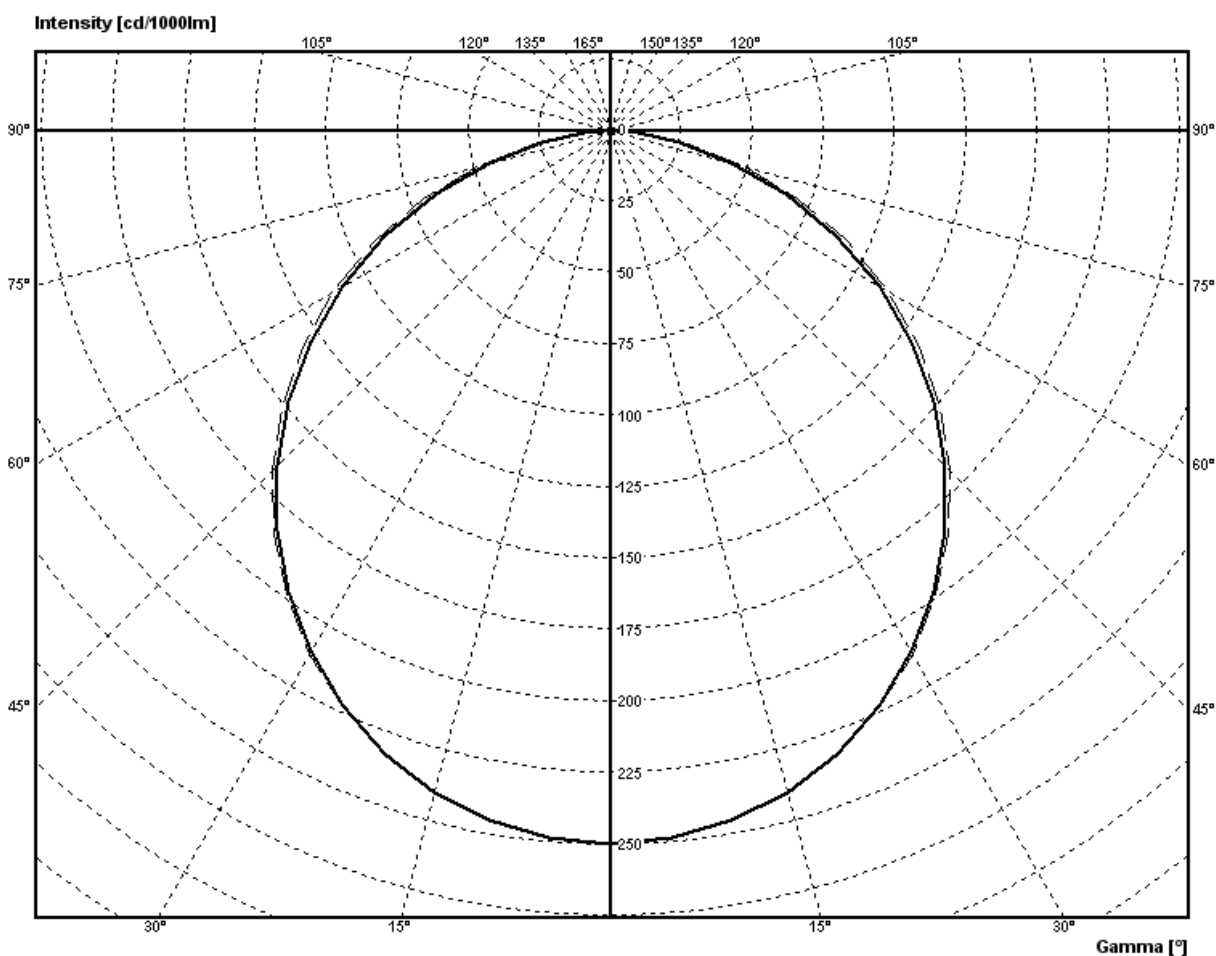
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 DOZ [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>	16,7	18,4	17,1	18,7	19,0	16,9	18,5	17,2	18,8	19,1
<b>2H</b>	<b>3H</b>	18,1	19,6	18,5	20,0	20,3	18,3	19,8	18,7	20,2	20,5
<b>2H</b>	<b>4H</b>	18,6	20,0	19,0	20,4	20,7	18,9	20,3	19,3	20,6	21,0
<b>2H</b>	<b>6H</b>	18,9	20,2	19,3	20,6	21,0	19,2	20,5	19,7	20,9	21,3
<b>2H</b>	<b>8H</b>	19,0	20,2	19,4	20,6	21,0	19,3	20,6	19,7	20,9	21,3
<b>2H</b>	<b>12H</b>	19,0	20,2	19,4	20,6	21,0	19,3	20,5	19,7	20,9	21,3
<b>4H</b>	<b>2H</b>	17,4	18,8	17,8	19,2	19,5	17,5	18,9	17,9	19,3	19,6
<b>4H</b>	<b>3H</b>	18,9	20,1	19,3	20,5	20,9	19,1	20,3	19,5	20,7	21,1
<b>4H</b>	<b>4H</b>	19,6	20,6	20,0	21,0	21,5	19,8	20,9	20,2	21,3	21,7
<b>4H</b>	<b>6H</b>	19,9	20,9	20,4	21,3	21,7	20,2	21,2	20,7	21,6	22,0
<b>4H</b>	<b>8H</b>	20,0	20,9	20,5	21,3	21,8	20,3	21,2	20,8	21,7	22,1
<b>4H</b>	<b>12H</b>	20,1	20,9	20,6	21,3	21,8	20,4	21,2	20,9	21,7	22,2
<b>8H</b>	<b>4H</b>	19,8	20,7	20,2	21,1	21,6	20,0	20,9	20,5	21,3	21,8
<b>8H</b>	<b>6H</b>	20,2	21,0	20,7	21,4	21,9	20,5	21,2	21,0	21,7	22,2
<b>8H</b>	<b>8H</b>	20,4	21,1	20,9	21,6	22,0	20,7	21,4	21,2	21,9	22,3
<b>8H</b>	<b>12H</b>	20,5	21,0	21,0	21,5	22,0	20,8	21,3	21,3	21,9	22,4
<b>12H</b>	<b>4H</b>	19,8	20,6	20,3	21,1	21,6	20,0	20,8	20,5	21,3	21,8
<b>12H</b>	<b>6H</b>	20,3	20,9	20,8	21,4	21,9	20,6	21,2	21,1	21,7	22,2
<b>12H</b>	<b>8H</b>	20,5	21,0	21,0	21,5	22,0	20,7	21,3	21,3	21,8	22,3

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 DOZ [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	4526,51	4528,43	4541,18	4556,87	4575,94	4586,17	4589,82	4586,17	4575,94
50,00	4438,06	4444,39	4457,68	4480,62	4505,51	4522,43	4522,63	4522,43	4505,51
55,00	4330,69	4336,72	4355,45	4385,46	4413,55	4435,27	4436,88	4435,27	4413,55
60,00	4191,35	4196,35	4221,61	4256,23	4299,37	4326,85	4330,89	4326,85	4299,37
65,00	3985,27	4003,54	4026,62	4079,78	4126,13	4166,61	4176,79	4166,61	4126,13
70,00	3695,48	3719,36	3754,23	3810,66	3886,45	3930,69	3936,87	3930,69	3886,45
75,00	3286,93	3311,11	3372,48	3441,70	3536,46	3581,54	3596,21	3581,54	3536,46
80,00	2731,21	2761,90	2855,72	2923,48	3041,37	3061,17	3068,77	3061,17	3041,37
85,00	2095,03	2096,79	2234,27	2257,59	2391,77	2312,72	2361,06	2312,72	2391,77

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4556,87	4541,18	4528,43	4526,51	4528,43	4541,18	4556,87	4575,94	4586,17
50,00	4480,62	4457,68	4444,39	4438,06	4444,39	4457,68	4480,62	4505,51	4522,43
55,00	4385,46	4355,45	4336,72	4330,69	4336,72	4355,45	4385,46	4413,55	4435,27
60,00	4256,23	4221,61	4196,35	4191,35	4196,35	4221,61	4256,23	4299,37	4326,85
65,00	4079,78	4026,62	4003,54	3985,27	4003,54	4026,62	4079,78	4126,13	4166,61
70,00	3810,66	3754,23	3719,36	3695,48	3719,36	3754,23	3810,66	3886,45	3930,69
75,00	3441,70	3372,48	3311,11	3286,93	3311,11	3372,48	3441,70	3536,46	3581,54
80,00	2923,48	2855,72	2761,90	2731,21	2761,90	2855,72	2923,48	3041,37	3061,17
85,00	2257,59	2234,27	2096,79	2095,03	2096,79	2234,27	2257,59	2391,77	2312,72

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4589,82	4586,17	4575,94	4556,87	4541,18	4528,43
50,00	4522,63	4522,43	4505,51	4480,62	4457,68	4444,39
55,00	4436,88	4435,27	4413,55	4385,46	4355,45	4336,72
60,00	4330,89	4326,85	4299,37	4256,23	4221,61	4196,35
65,00	4176,79	4166,61	4126,13	4079,78	4026,62	4003,54
70,00	3936,87	3930,69	3886,45	3810,66	3754,23	3719,36
75,00	3596,21	3581,54	3536,46	3441,70	3372,48	3311,11
80,00	3068,77	3061,17	3041,37	2923,48	2855,72	2761,90
85,00	2361,06	2312,72	2391,77	2257,59	2234,27	2096,79

**HEADQUARTERS**

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