

**PHOTOMETRIC RESULTS**

<b>Name:</b>	<b>ROFY /T LED 105W DOZ [Ø1150mm]</b>		
<b>Number:</b>	01	<b>Diameter:</b>	1150 mm
<b>Report:</b>	07-09-2016	<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>	106 mm
<b>Number:</b>	1	<b>Power:</b>	104,69 W
<b>Lamp flux:</b>	18300,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	07-09-2016 17:37:13	<b>Output ratio:</b>	70,9 %

**Protocol**

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

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

	Horizontal	Vertical
<b>One half peak divergence</b>	112,3°	112,4°
<b>Half peak side angle (left)</b>	-56,2°	-56,2°
<b>Half peak side angle (right)</b>	56,2°	56,2°
<b>One tenth peak divergence</b>	159,9°	160,1°
<b>Tenth peak side angle (left)</b>	-80,0°	-80,0°
<b>Tenth peak side angle (right)</b>	80,0°	80,0°

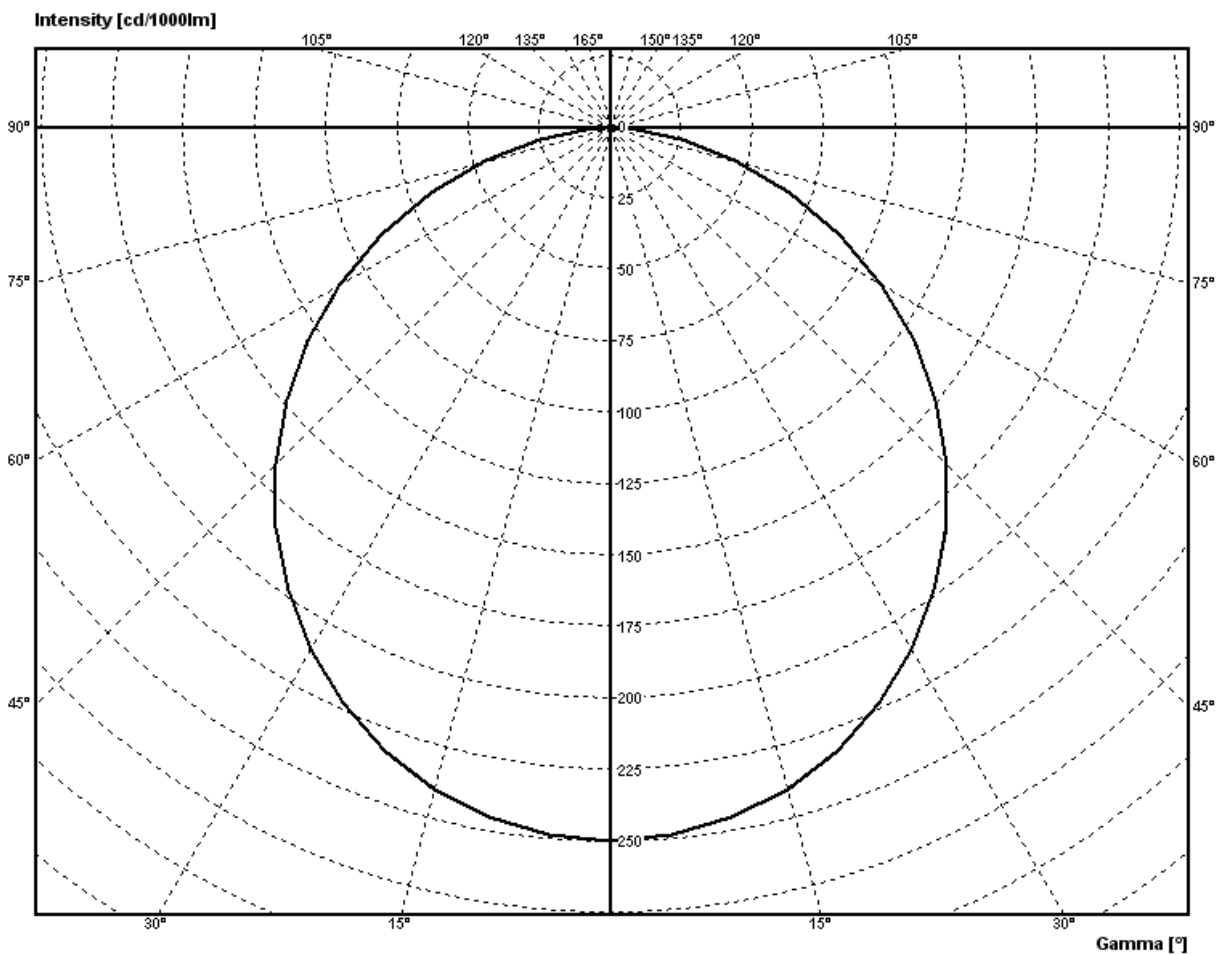
<b>C-planes:</b>	0,0°	15,0°	30,0°	45,0°	60,0°	75,0°	90,0°	105,0°	120,0°	135,0°
	150,0°	165,0°	180,0°	195,0°	210,0°	225,0°	240,0°	255,0°	270,0°	285,0°
	300,0°	315,0°	330,0°	345,0°						

<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 105W DOZ [Ø1150mm] / 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>	16,8	18,4	17,1	18,7	19,0	16,7	18,4	17,1	18,7	19,0
<b>2H</b>	<b>3H</b>	18,2	19,7	18,6	20,0	20,3	18,2	19,7	18,5	20,0	20,3
<b>2H</b>	<b>4H</b>	18,7	20,1	19,1	20,4	20,8	18,7	20,1	19,1	20,4	20,8
<b>2H</b>	<b>6H</b>	19,0	20,3	19,4	20,7	21,1	19,0	20,3	19,4	20,7	21,0
<b>2H</b>	<b>8H</b>	19,1	20,3	19,5	20,7	21,1	19,0	20,3	19,4	20,7	21,1
<b>2H</b>	<b>12H</b>	19,1	20,3	19,5	20,7	21,1	19,0	20,2	19,4	20,6	21,0
<b>4H</b>	<b>2H</b>	17,4	18,8	17,8	19,2	19,5	17,4	18,8	17,8	19,2	19,5
<b>4H</b>	<b>3H</b>	19,0	20,2	19,4	20,6	21,0	19,0	20,2	19,4	20,5	21,0
<b>4H</b>	<b>4H</b>	19,6	20,7	20,1	21,1	21,5	19,6	20,7	20,0	21,1	21,5
<b>4H</b>	<b>6H</b>	20,0	20,9	20,4	21,4	21,8	20,0	20,9	20,4	21,3	21,8
<b>4H</b>	<b>8H</b>	20,1	21,0	20,6	21,4	21,9	20,1	20,9	20,5	21,4	21,8
<b>4H</b>	<b>12H</b>	20,2	21,0	20,6	21,4	21,9	20,1	20,9	20,6	21,4	21,9
<b>8H</b>	<b>4H</b>	19,8	20,7	20,3	21,1	21,6	19,8	20,7	20,3	21,1	21,6
<b>8H</b>	<b>6H</b>	20,3	21,0	20,7	21,5	22,0	20,2	21,0	20,7	21,4	21,9
<b>8H</b>	<b>8H</b>	20,5	21,1	21,0	21,6	22,1	20,4	21,1	20,9	21,6	22,1
<b>8H</b>	<b>12H</b>	20,5	21,1	21,1	21,6	22,1	20,5	21,1	21,0	21,6	22,1
<b>12H</b>	<b>4H</b>	19,8	20,7	20,3	21,1	21,6	19,8	20,6	20,3	21,1	21,6
<b>12H</b>	<b>6H</b>	20,3	21,0	20,9	21,5	22,0	20,3	21,0	20,8	21,5	22,0
<b>12H</b>	<b>8H</b>	20,5	21,1	21,0	21,6	22,1	20,5	21,0	21,0	21,5	22,0

UGR values are corrected for lamp flux of 18300 lm by 10,1

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**Luminance [cd/m<sup>2</sup>] ROFY /T LED 105W DOZ [Ø1150mm] / 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	4387,45	4389,19	4395,99	4389,28	4386,30	4384,88	4383,31	4384,88	4386,30
50,00	4309,11	4315,72	4317,73	4314,56	4307,77	4312,15	4307,38	4312,15	4307,77
55,00	4213,21	4220,28	4220,06	4215,42	4208,44	4213,29	4204,49	4213,29	4208,44
60,00	4085,31	4088,37	4091,95	4082,58	4082,32	4084,29	4080,08	4084,29	4082,32
65,00	3906,18	3902,92	3907,07	3898,28	3893,80	3897,32	3885,53	3897,32	3893,80
70,00	3642,06	3633,56	3639,60	3633,63	3623,97	3626,71	3613,99	3626,71	3623,97
75,00	3252,84	3241,83	3255,77	3237,37	3236,12	3228,79	3219,19	3228,79	3236,12
80,00	2690,80	2694,27	2709,88	2688,00	2706,44	2637,58	2658,42	2637,58	2706,44
85,00	1976,21	2006,46	2078,14	1976,81	2024,12	1904,34	1953,94	1904,34	2024,12

G/C [cd/	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4389,28	4395,99	4389,19	4387,45	4389,19	4395,99	4389,28	4386,30	4384,88
50,00	4314,56	4317,73	4315,72	4309,11	4315,72	4317,73	4314,56	4307,77	4312,15
55,00	4215,42	4220,06	4220,28	4213,21	4220,28	4220,06	4215,42	4208,44	4213,29
60,00	4082,58	4091,95	4088,37	4085,31	4088,37	4091,95	4082,58	4082,32	4084,29
65,00	3898,28	3907,07	3902,92	3906,18	3902,92	3907,07	3898,28	3893,80	3897,32
70,00	3633,63	3639,60	3633,56	3642,06	3633,56	3639,60	3633,63	3623,97	3626,71
75,00	3237,37	3255,77	3241,83	3252,84	3241,83	3255,77	3237,37	3236,12	3228,79
80,00	2688,00	2709,88	2694,27	2690,80	2694,27	2709,88	2688,00	2706,44	2637,58
85,00	1976,81	2078,14	2006,46	1976,21	2006,46	2078,14	1976,81	2024,12	1904,34

G/C [cd/	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4383,31	4384,88	4386,30	4389,28	4395,99	4389,19
50,00	4307,38	4312,15	4307,77	4314,56	4317,73	4315,72
55,00	4204,49	4213,29	4208,44	4215,42	4220,06	4220,28
60,00	4080,08	4084,29	4082,32	4082,58	4091,95	4088,37
65,00	3885,53	3897,32	3893,80	3898,28	3907,07	3902,92
70,00	3613,99	3626,71	3623,97	3633,63	3639,60	3633,56
75,00	3219,19	3228,79	3236,12	3237,37	3255,77	3241,83
80,00	2658,42	2637,58	2706,44	2688,00	2709,88	2694,27
85,00	1953,94	1904,34	2024,12	1976,81	2078,14	2006,46

**HEADQUARTERS**

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