

## PHOTOMETRIC RESULTS

<b>Name:</b>	ROFY 85 IP /E D1150 GCONTROL+ 840 HO		
<b>Number:</b>	90571L115	<b>Diameter:</b>	1173 mm
<b>Report:</b>	17-09-2021	<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>	87 mm
<b>Number:</b>	1	<b>Power:</b>	105,59 W
<b>Lamp flux:</b>	18760,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	17/09/2021 14:23:30	<b>Output ratio:</b>	76,8 %

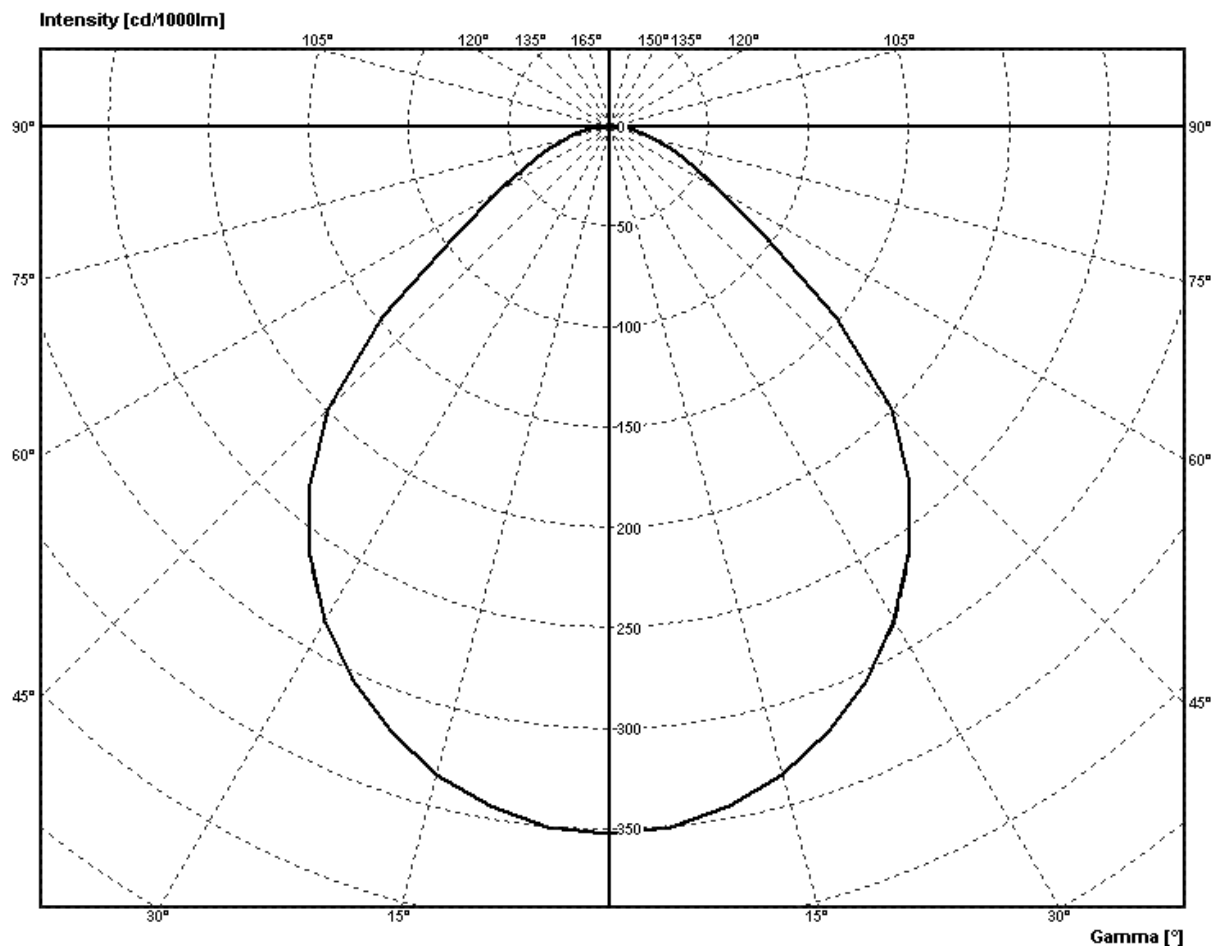
## Info

LiTG-class:	A50									
UTE-class:	0,77 D									
IES-class:	59 - 88 - 97 - 100 - 77									
TM5-class:	BZ2/2.50/BZ3									
Divergences in the plane through maximum intensity:						Horizontal		Vertical		
One half peak divergence:						94,5°		94,5°		
Half peak side angle (left):						-47,3°		-46,8°		
Half peak side angle (right):						47,1°		47,8°		
One tenth peak divergence:						139,6°		139,7°		
Tenth peak side angle (left):						-69,8°		-69,2°		
Tenth peak side angle (right):						69,8°		70,5°		
C-planes:	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°						
Gamma:	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 85 IP /E D1150 GCONTROL+ 840 HO / 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>	Viewed crosswise					Viewed endwise				
<b>2H</b>	<b>2H</b>	16,1	17,5	16,4	17,9	18,2	16,1	17,6	16,4	17,9
<b>2H</b>	<b>3H</b>	16,6	17,9	17,0	18,3	18,6	16,6	18,0	17,0	18,3
<b>2H</b>	<b>4H</b>	16,8	18,1	17,2	18,4	18,8	16,8	18,1	17,2	18,4
<b>2H</b>	<b>6H</b>	17,0	18,2	17,5	18,6	19,0	17,1	18,2	17,5	18,6
<b>2H</b>	<b>8H</b>	17,1	18,2	17,5	18,6	19,0	17,1	18,2	17,5	18,6
<b>2H</b>	<b>12H</b>	17,2	18,2	17,6	18,6	19,0	17,2	18,2	17,6	18,6
<b>4H</b>	<b>2H</b>	16,5	17,7	16,9	18,1	18,4	16,5	17,7	16,9	18,1
<b>4H</b>	<b>3H</b>	17,1	18,2	17,6	18,6	19,0	17,2	18,2	17,6	18,6
<b>4H</b>	<b>4H</b>	17,5	18,4	17,9	18,8	19,3	17,5	18,4	17,9	18,8
<b>4H</b>	<b>6H</b>	17,8	18,6	18,2	19,0	19,5	17,8	18,6	18,2	19,0
<b>4H</b>	<b>8H</b>	17,9	18,7	18,4	19,1	19,6	17,9	18,7	18,4	19,1
<b>4H</b>	<b>12H</b>	18,0	18,7	18,5	19,2	19,7	18,0	18,7	18,5	19,2
<b>8H</b>	<b>4H</b>	17,6	18,4	18,1	18,8	19,3	17,6	18,4	18,1	18,8
<b>8H</b>	<b>6H</b>	18,0	18,6	18,5	19,1	19,6	18,0	18,6	18,5	19,1
<b>8H</b>	<b>8H</b>	18,2	18,8	18,7	19,3	19,8	18,2	18,8	18,7	19,3
<b>8H</b>	<b>12H</b>	18,4	18,9	18,9	19,4	19,9	18,4	18,9	18,9	19,4
<b>12H</b>	<b>4H</b>	17,6	18,3	18,1	18,8	19,3	17,6	18,3	18,1	18,8
<b>12H</b>	<b>6H</b>	18,1	18,6	18,6	19,1	19,6	18,1	18,6	18,6	19,1
<b>12H</b>	<b>8H</b>	18,3	18,7	18,8	19,3	19,8	18,3	18,8	18,8	19,3

UGR values are corrected for lamp flux of 18760 lm by 10,2

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Luminance [cd/m<sup>2</sup>] ROFY 85 IP /E D1150 GCONTROL+ 840 HO / 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	5353,52	5352,00	5359,43	5374,28	5354,47	5356,64	5364,06	5356,64	5354,47
50,00	4372,04	4457,94	4624,01	4697,51	4648,47	4450,10	4354,84	4450,10	4648,47
55,00	3107,95	3344,98	3753,77	3970,36	3805,51	3404,02	3025,80	3404,02	3805,51
60,00	2418,81	2611,72	2902,35	3196,29	2905,58	2603,29	2498,32	2603,29	2905,58
65,00	2117,32	2236,60	2439,76	2787,50	2422,84	2177,49	2235,45	2177,49	2422,84
70,00	1941,77	1883,40	2088,22	2441,25	2159,65	1902,88	1923,34	1902,88	2159,65
75,00	1742,16	1596,07	1805,85	2028,94	1744,78	1683,15	1635,83	1683,15	1744,78
80,00	1851,88	1874,96	1935,44	2005,99	1955,57	1863,89	1853,82	1863,89	1955,57
85,00	2125,57	1988,33	1988,22	1887,90	1948,20	2027,42	2127,79	2027,42	1948,20

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5374,28	5359,43	5352,00	5353,52	5352,00	5359,43	5374,28	5354,47	5356,64
50,00	4697,51	4624,01	4457,94	4372,04	4457,94	4624,01	4697,51	4648,47	4450,10
55,00	3970,36	3753,77	3344,98	3107,95	3344,98	3753,77	3970,36	3805,51	3404,02
60,00	3196,29	2902,35	2611,72	2418,81	2611,72	2902,35	3196,29	2905,58	2603,29
65,00	2787,50	2439,76	2236,60	2117,32	2236,60	2439,76	2787,50	2422,84	2177,49
70,00	2441,25	2088,22	1883,40	1941,77	1883,40	2088,22	2441,25	2159,65	1902,88
75,00	2028,94	1805,85	1596,07	1742,16	1596,07	1805,85	2028,94	1744,78	1683,15
80,00	2005,99	1935,44	1874,96	1851,88	1874,96	1935,44	2005,99	1955,57	1863,89
85,00	1887,90	1988,22	1988,33	2125,57	1988,33	1988,22	1887,90	1948,20	2027,42

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	5364,06	5356,64	5354,47	5374,28	5359,43	5352,00
50,00	4354,84	4450,10	4648,47	4697,51	4624,01	4457,94
55,00	3025,80	3404,02	3805,51	3970,36	3753,77	3344,98
60,00	2498,32	2603,29	2905,58	3196,29	2902,35	2611,72
65,00	2235,45	2177,49	2422,84	2787,50	2439,76	2236,60
70,00	1923,34	1902,88	2159,65	2441,25	2088,22	1883,40
75,00	1635,83	1683,15	1744,78	2028,94	1805,85	1596,07
80,00	1853,82	1863,89	1955,57	2005,99	1935,44	1874,96
85,00	2127,79	2027,42	1948,20	1887,90	1988,22	1988,33