

## PHOTOMETRIC RESULTS

<b>Name:</b>	ROFY 85 IP /E D0600 GCONTROL+ K3 840 LO		
<b>Number:</b>	90572L600	<b>Diameter:</b>	623 mm
<b>Report:</b>	14-09-2021	<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>	32,95 W
<b>Lamp flux:</b>	5400,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	14/09/2021 15:59:19	<b>Output ratio:</b>	77,3 %

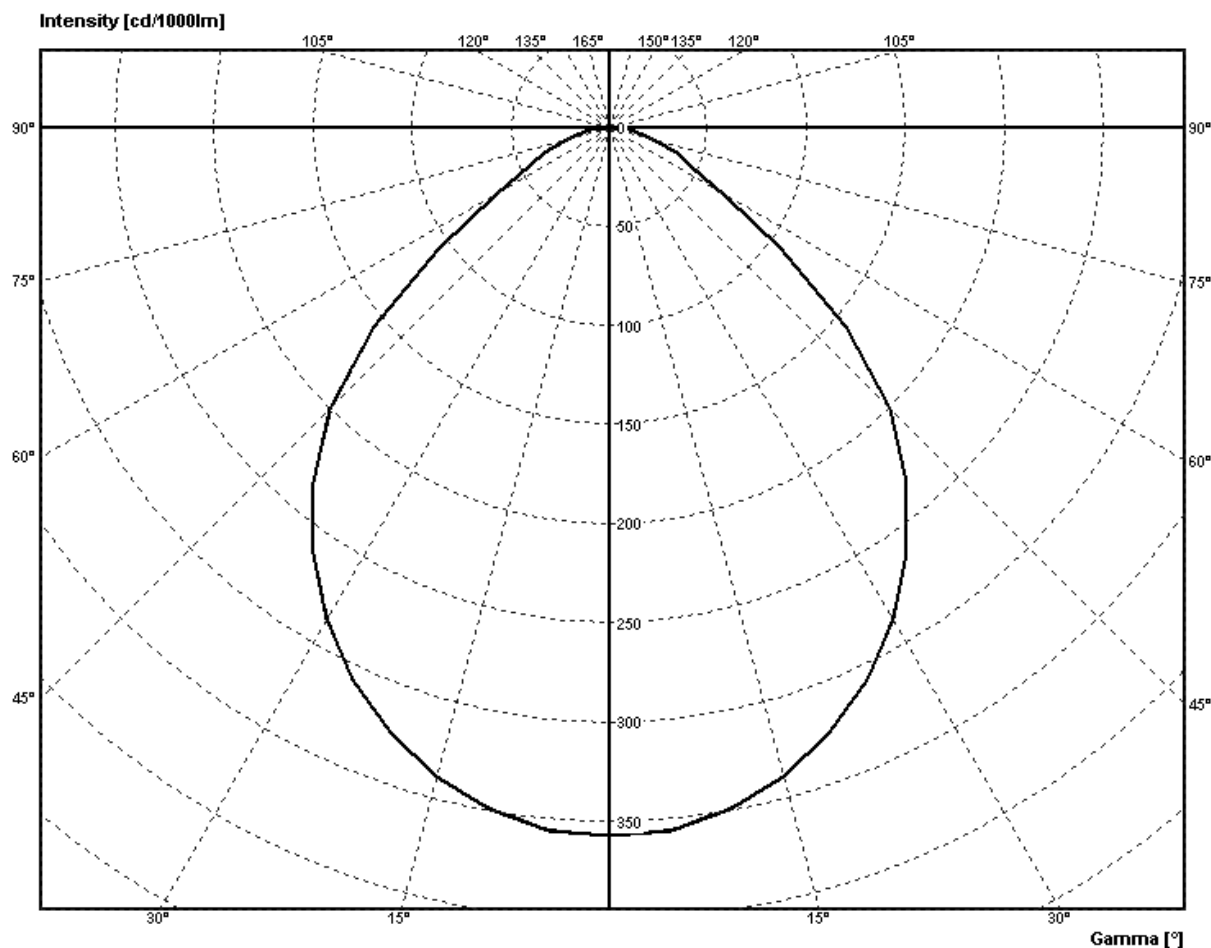
## Info

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:						94,7°		94,9°		
Half peak side angle (left):						-47,6°		-46,9°		
Half peak side angle (right):						47,1°		48,0°		
One tenth peak divergence:						139,9°		140,0°		
Tenth peak side angle (left):						-70,3°		-70,1°		
Tenth peak side angle (right):						69,5°		69,9°		
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 D0600 GCONTROL+ K3 840 LO / 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	17,6	16,5	17,9	18,2	16,1	17,6	16,4	17,9
<b>2H</b>	<b>3H</b>	16,7	18,0	17,1	18,4	18,7	16,6	18,0	17,0	18,3
<b>2H</b>	<b>4H</b>	16,9	18,2	17,3	18,5	18,9	16,9	18,1	17,3	18,5
<b>2H</b>	<b>6H</b>	17,1	18,3	17,5	18,6	19,0	17,1	18,2	17,5	18,6
<b>2H</b>	<b>8H</b>	17,2	18,3	17,6	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	17,1	18,2	17,5	18,6
<b>4H</b>	<b>2H</b>	16,4	17,6	16,8	18,0	18,3	16,4	17,6	16,7	18,0
<b>4H</b>	<b>3H</b>	17,1	18,2	17,5	18,5	19,0	17,1	18,1	17,5	18,5
<b>4H</b>	<b>4H</b>	17,5	18,4	17,9	18,8	19,2	17,4	18,3	17,8	18,8
<b>4H</b>	<b>6H</b>	17,7	18,5	18,2	19,0	19,4	17,6	18,5	18,1	18,9
<b>4H</b>	<b>8H</b>	17,8	18,6	18,3	19,0	19,5	17,7	18,5	18,2	19,0
<b>4H</b>	<b>12H</b>	17,9	18,6	18,4	19,1	19,6	17,8	18,5	18,3	19,0
<b>8H</b>	<b>4H</b>	17,5	18,3	18,0	18,7	19,2	17,5	18,2	17,9	18,7
<b>8H</b>	<b>6H</b>	17,8	18,5	18,3	19,0	19,5	17,8	18,4	18,3	18,9
<b>8H</b>	<b>8H</b>	18,1	18,6	18,6	19,1	19,6	18,0	18,5	18,5	19,0
<b>8H</b>	<b>12H</b>	18,2	18,6	18,7	19,1	19,7	18,1	18,6	18,6	19,1
<b>12H</b>	<b>4H</b>	17,5	18,2	18,0	18,7	19,2	17,5	18,2	17,9	18,6
<b>12H</b>	<b>6H</b>	17,9	18,5	18,4	19,0	19,5	17,8	18,4	18,4	18,9
<b>12H</b>	<b>8H</b>	18,1	18,6	18,6	19,1	19,6	18,0	18,5	18,5	19,0

UGR values are corrected for lamp flux of 5400 lm by 5,9

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Luminance [cd/m<sup>2</sup>] ROFY 85 IP /E D0600 GCONTROL+ K3 840 LO / 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	5790,41	5793,19	5790,52	5772,19	5777,27	5775,43	5768,27	5775,43	5777,27
50,00	4954,98	4857,79	4908,17	4947,62	4877,10	4820,29	4922,50	4820,29	4877,10
55,00	3735,28	3741,67	3786,05	4214,49	3687,20	3737,36	3794,43	3737,36	3687,20
60,00	2732,24	3090,20	2971,61	3157,41	3010,27	3020,82	2643,51	3020,82	3010,27
65,00	2167,36	2709,44	2527,55	2543,36	2637,14	2661,93	2124,13	2661,93	2637,14
70,00	2132,56	2300,77	2239,79	2045,53	2141,33	2318,66	2140,19	2318,66	2141,33
75,00	1915,71	2084,82	1981,61	1802,90	1922,53	2071,25	1719,09	2071,25	1922,53
80,00	2013,75	2077,63	2059,20	2033,31	1979,26	1990,50	1968,67	1990,50	1979,26
85,00	2275,56	2028,65	2036,35	1999,33	2012,96	1960,48	2200,71	1960,48	2012,96

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5772,19	5790,52	5793,19	5790,41	5793,19	5790,52	5772,19	5777,27	5775,43
50,00	4947,62	4908,17	4857,79	4954,98	4857,79	4908,17	4947,62	4877,10	4820,29
55,00	4214,49	3786,05	3741,67	3735,28	3741,67	3786,05	4214,49	3687,20	3737,36
60,00	3157,41	2971,61	3090,20	2732,24	3090,20	2971,61	3157,41	3010,27	3020,82
65,00	2543,36	2527,55	2709,44	2167,36	2709,44	2527,55	2543,36	2637,14	2661,93
70,00	2045,53	2239,79	2300,77	2132,56	2300,77	2239,79	2045,53	2141,33	2318,66
75,00	1802,90	1981,61	2084,82	1915,71	2084,82	1981,61	1802,90	1922,53	2071,25
80,00	2033,31	2059,20	2077,63	2013,75	2077,63	2059,20	2033,31	1979,26	1990,50
85,00	1999,33	2036,35	2028,65	2275,56	2028,65	2036,35	1999,33	2012,96	1960,48

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	5768,27	5775,43	5777,27	5772,19	5790,52	5793,19
50,00	4922,50	4820,29	4877,10	4947,62	4908,17	4857,79
55,00	3794,43	3737,36	3687,20	4214,49	3786,05	3741,67
60,00	2643,51	3020,82	3010,27	3157,41	2971,61	3090,20
65,00	2124,13	2661,93	2637,14	2543,36	2527,55	2709,44
70,00	2140,19	2318,66	2141,33	2045,53	2239,79	2300,77
75,00	1719,09	2071,25	1922,53	1802,90	1981,61	2084,82
80,00	1968,67	1990,50	1979,26	2033,31	2059,20	2077,63
85,00	2200,71	1960,48	2012,96	1999,33	2036,35	2028,65