

## PHOTOMETRIC RESULTS

<b>Name:</b>	ROFY 85 /E D0400 GCONTROL+ 830 LO		
<b>Number:</b>	90631L400	<b>Diameter:</b>	400 mm
<b>Report:</b>	11-12-2020	<b>Length:</b>	0 mm
<b>Meas.-no.:</b>	01	<b>Width:</b>	0 mm
<b>Lamp type:</b>	LED 830 - 01	<b>Height:</b>	92 mm
<b>Number:</b>	1	<b>Power:</b>	18,08 W
<b>Lamp flux:</b>	2490,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	11/12/2020 11:02:43	<b>Output ratio:</b>	72,8 %

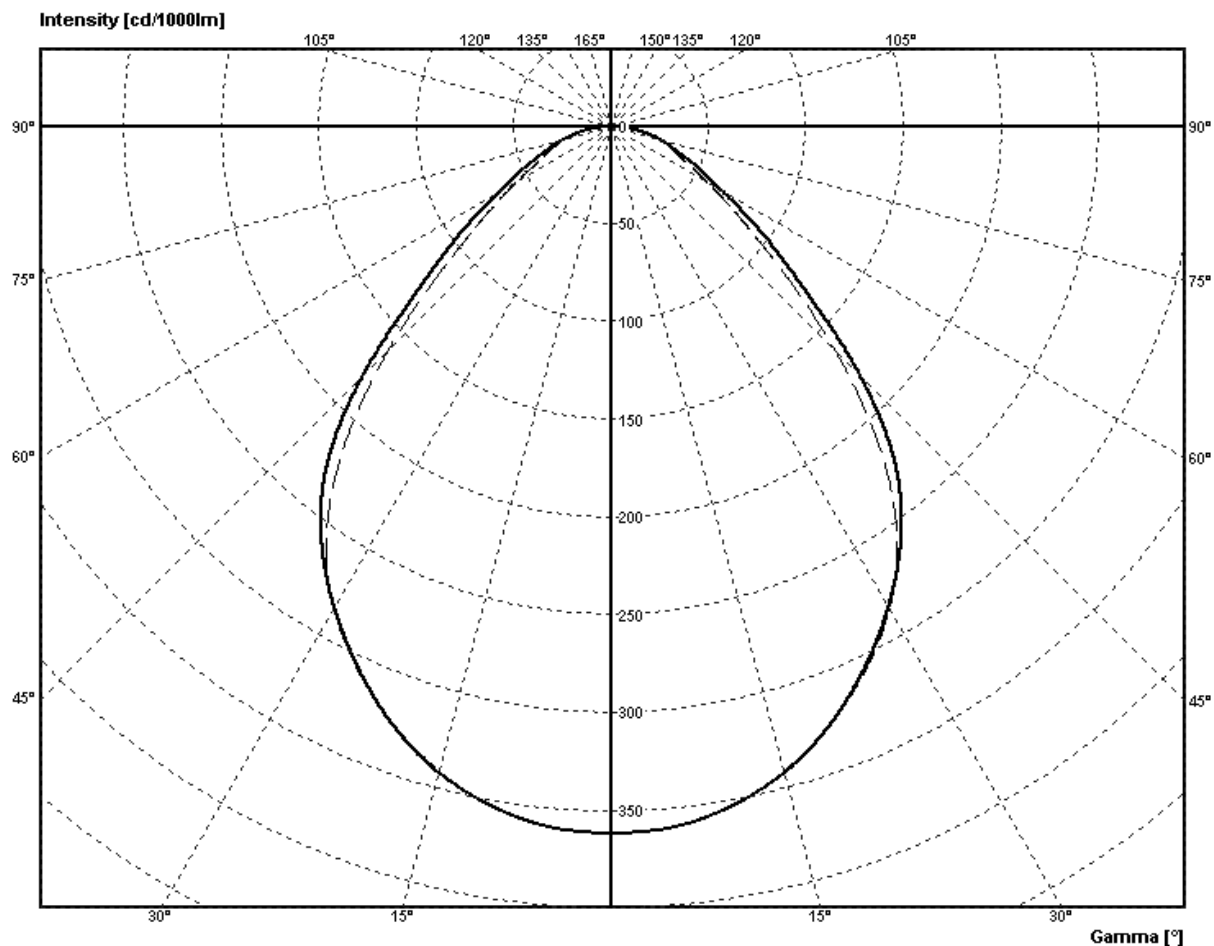
## Info

LiTG-class:	A50										
UTE-class:	0,73 C										
IES-class:	62 - 88 - 97 - 100 - 73										
TM5-class:	BZ2/0.75/BZ3										
Divergences in the plane through maximum intensity:						Horizontal		Vertical			
One half peak divergence:						86,4°		90,0°			
Half peak side angle (left):						-43,2°		-45,0°			
Half peak side angle (right):						43,2°		45,0°			
One tenth peak divergence:						136,6°		140,2°			
Tenth peak side angle (left):						-68,3°		-70,1°			
Tenth peak side angle (right):						68,3°		70,1°			
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 /E D0400 GCONTROL+ 830 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>	15,8	17,2	16,1	17,6	17,9	15,2	16,6	15,5	16,9
<b>2H</b>	<b>3H</b>	16,4	17,7	16,8	18,1	18,4	15,8	17,1	16,1	17,4
<b>2H</b>	<b>4H</b>	16,7	17,9	17,1	18,3	18,6	16,1	17,3	16,5	17,6
<b>2H</b>	<b>6H</b>	17,0	18,1	17,4	18,5	18,9	16,3	17,5	16,8	17,9
<b>2H</b>	<b>8H</b>	17,0	18,1	17,4	18,5	18,9	16,4	17,5	16,8	17,9
<b>2H</b>	<b>12H</b>	17,0	18,1	17,5	18,5	18,9	16,4	17,5	16,9	17,9
<b>4H</b>	<b>2H</b>	16,0	17,2	16,4	17,6	17,9	15,4	16,7	15,8	17,0
<b>4H</b>	<b>3H</b>	16,8	17,8	17,2	18,2	18,6	16,2	17,2	16,6	17,6
<b>4H</b>	<b>4H</b>	17,2	18,1	17,6	18,5	19,0	16,7	17,6	17,1	18,0
<b>4H</b>	<b>6H</b>	17,5	18,3	18,0	18,8	19,2	17,0	17,8	17,5	18,3
<b>4H</b>	<b>8H</b>	17,6	18,4	18,1	18,9	19,3	17,1	17,9	17,6	18,3
<b>4H</b>	<b>12H</b>	17,7	18,4	18,2	18,9	19,4	17,3	18,0	17,7	18,4
<b>8H</b>	<b>4H</b>	17,3	18,0	17,7	18,5	18,9	16,8	17,5	17,2	18,0
<b>8H</b>	<b>6H</b>	17,7	18,3	18,2	18,8	19,3	17,2	17,9	17,7	18,3
<b>8H</b>	<b>8H</b>	17,9	18,5	18,4	19,0	19,5	17,5	18,0	18,0	18,5
<b>8H</b>	<b>12H</b>	18,1	18,5	18,6	19,0	19,6	17,6	18,1	18,1	18,6
<b>12H</b>	<b>4H</b>	17,3	18,0	17,8	18,4	18,9	16,8	17,5	17,3	17,9
<b>12H</b>	<b>6H</b>	17,8	18,3	18,3	18,8	19,3	17,3	17,8	17,8	18,4
<b>12H</b>	<b>8H</b>	18,0	18,4	18,5	18,9	19,5	17,5	18,0	18,0	18,5

UGR values are corrected for lamp flux of 2490 lm by 3,2

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Luminance [cd/m<sup>2</sup>] ROFY 85 /E D0400 GCONTROL+ 830 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	6253,42	6133,76	6040,34	5846,58	5650,10	5547,70	5617,07	5547,70	5650,10
50,00	4919,70	5002,06	4737,98	4675,61	4471,98	4289,60	4321,18	4289,60	4471,98
55,00	4025,80	4062,62	3966,77	3676,12	3550,62	3409,29	3379,79	3409,29	3550,62
60,00	3250,35	3208,49	3297,75	3066,35	2918,55	2824,97	2767,45	2824,97	2918,55
65,00	2844,07	2830,96	2703,87	2670,80	2591,70	2449,63	2401,59	2449,63	2591,70
70,00	2593,64	2612,43	2549,09	2473,90	2474,84	2378,98	2383,92	2378,98	2474,84
75,00	2590,17	2589,18	2537,84	2530,33	2387,41	2398,65	2418,26	2398,65	2387,41
80,00	2632,22	2650,71	2690,72	2572,75	2602,98	2591,24	2532,79	2591,24	2602,98
85,00	2874,72	2951,28	2874,72	2970,70	2874,72	2833,70	2794,88	2833,70	2874,72

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	5846,58	6040,34	6133,76	6253,42	6133,76	6040,34	5846,58	5650,10	5547,70
50,00	4675,61	4737,98	5002,06	4919,70	5002,06	4737,98	4675,61	4471,98	4289,60
55,00	3676,12	3966,77	4062,62	4025,80	4062,62	3966,77	3676,12	3550,62	3409,29
60,00	3066,35	3297,75	3208,49	3250,35	3208,49	3297,75	3066,35	2918,55	2824,97
65,00	2670,80	2703,87	2830,96	2844,07	2830,96	2703,87	2670,80	2591,70	2449,63
70,00	2473,90	2549,09	2612,43	2593,64	2612,43	2549,09	2473,90	2474,84	2378,98
75,00	2530,33	2537,84	2589,18	2590,17	2589,18	2537,84	2530,33	2387,41	2398,65
80,00	2572,75	2690,72	2650,71	2632,22	2650,71	2690,72	2572,75	2602,98	2591,24
85,00	2970,70	2874,72	2951,28	2874,72	2951,28	2874,72	2970,70	2874,72	2833,70

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	5617,07	5547,70	5650,10	5846,58	6040,34	6133,76
50,00	4321,18	4289,60	4471,98	4675,61	4737,98	5002,06
55,00	3379,79	3409,29	3550,62	3676,12	3966,77	4062,62
60,00	2767,45	2824,97	2918,55	3066,35	3297,75	3208,49
65,00	2401,59	2449,63	2591,70	2670,80	2703,87	2830,96
70,00	2383,92	2378,98	2474,84	2473,90	2549,09	2612,43
75,00	2418,26	2398,65	2387,41	2530,33	2537,84	2589,18
80,00	2532,79	2591,24	2602,98	2572,75	2690,72	2650,71
85,00	2794,88	2833,70	2874,72	2970,70	2874,72	2951,28