

## PHOTOMETRIC RESULTS

<b>Name:</b>	ROFY 85 IP /E D0600 GCONTROL+ 830 HO		
<b>Number:</b>	90571L600	<b>Diameter:</b>	623 mm
<b>Report:</b>	15-09-2021	<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>	87 mm
<b>Number:</b>	1	<b>Power:</b>	43,96 W
<b>Lamp flux:</b>	6900,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	15/09/2021 11:43:30	<b>Output ratio:</b>	78,0 %

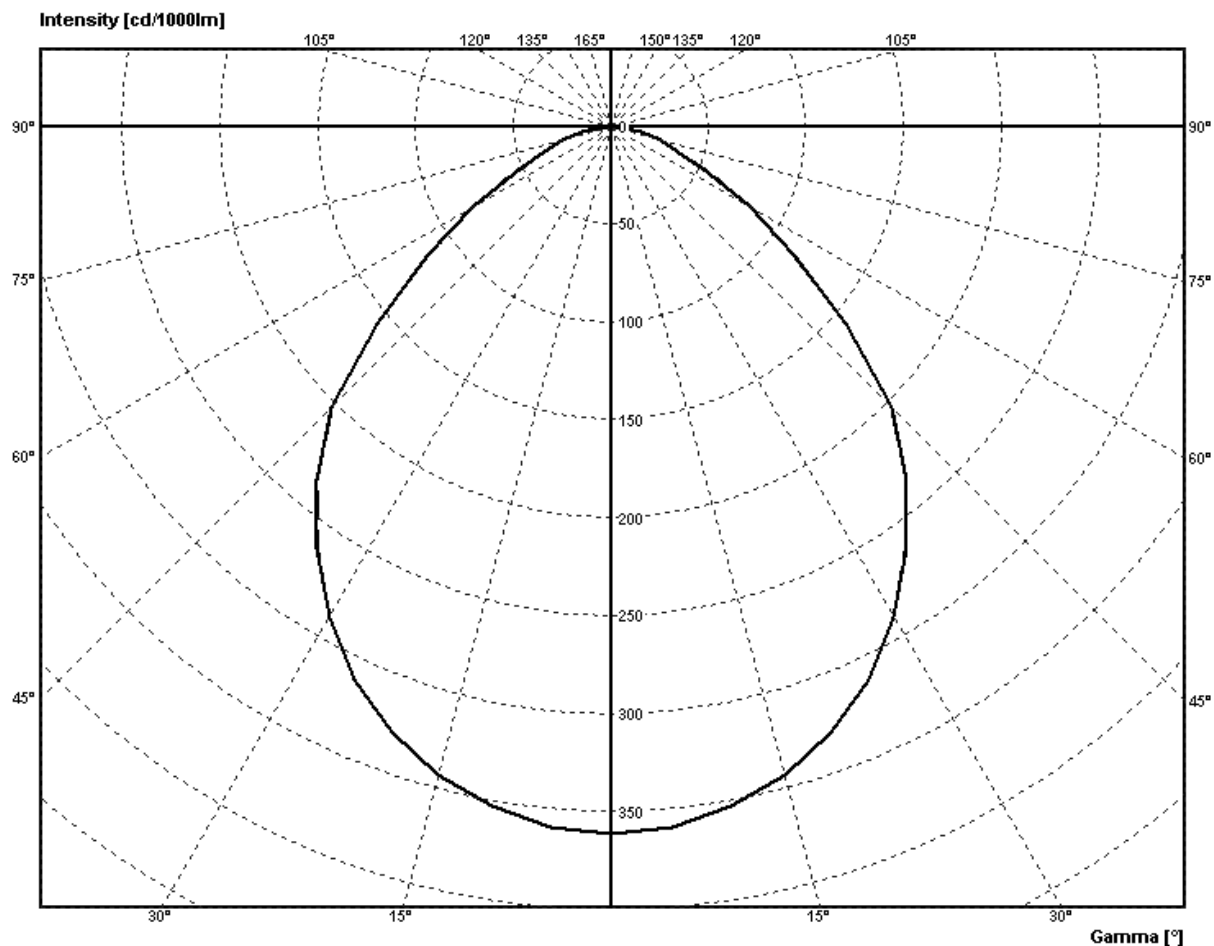
## Info

LiTG-class:	A40									
UTE-class:	0,78 D									
IES-class:	59 - 88 - 97 - 100 - 78									
TM5-class:	BZ2/2.50/BZ3									
Divergences in the plane through maximum intensity:						Horizontal		Vertical		
One half peak divergence:						94,5°		94,8°		
Half peak side angle (left):						-47,5°		-47,3°		
Half peak side angle (right):						46,9°		47,6°		
One tenth peak divergence:						139,3°		140,3°		
Tenth peak side angle (left):						-69,8°		-69,7°		
Tenth peak side angle (right):						69,5°		70,6°		
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+ 830 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>	17,1	18,6	17,5	18,9	19,3	17,1	18,6	17,5	18,9
<b>2H</b>	<b>3H</b>	17,7	19,1	18,1	19,4	19,7	17,7	19,1	18,1	19,4
<b>2H</b>	<b>4H</b>	18,0	19,2	18,4	19,6	19,9	18,0	19,2	18,4	19,6
<b>2H</b>	<b>6H</b>	18,1	19,3	18,5	19,7	20,1	18,1	19,3	18,6	19,7
<b>2H</b>	<b>8H</b>	18,2	19,3	18,6	19,6	20,0	18,2	19,3	18,6	19,6
<b>2H</b>	<b>12H</b>	18,1	19,2	18,6	19,6	20,0	18,1	19,2	18,6	19,6
<b>4H</b>	<b>2H</b>	17,3	18,6	17,7	18,9	19,3	17,3	18,5	17,7	18,9
<b>4H</b>	<b>3H</b>	18,0	19,1	18,4	19,5	19,9	18,0	19,1	18,4	19,5
<b>4H</b>	<b>4H</b>	18,4	19,3	18,8	19,7	20,2	18,4	19,3	18,8	19,8
<b>4H</b>	<b>6H</b>	18,6	19,4	19,1	19,9	20,3	18,6	19,5	19,1	19,9
<b>4H</b>	<b>8H</b>	18,7	19,5	19,2	19,9	20,4	18,7	19,5	19,2	19,9
<b>4H</b>	<b>12H</b>	18,8	19,5	19,2	19,9	20,4	18,8	19,5	19,2	19,9
<b>8H</b>	<b>4H</b>	18,4	19,2	18,9	19,6	20,1	18,4	19,2	18,9	19,7
<b>8H</b>	<b>6H</b>	18,8	19,4	19,2	19,9	20,4	18,8	19,4	19,2	19,9
<b>8H</b>	<b>8H</b>	19,0	19,5	19,5	20,0	20,5	18,9	19,5	19,5	20,0
<b>8H</b>	<b>12H</b>	19,1	19,5	19,6	20,0	20,5	19,0	19,5	19,6	20,0
<b>12H</b>	<b>4H</b>	18,4	19,1	18,9	19,6	20,1	18,5	19,2	18,9	19,6
<b>12H</b>	<b>6H</b>	18,8	19,4	19,3	19,9	20,4	18,8	19,4	19,3	19,9
<b>12H</b>	<b>8H</b>	19,0	19,5	19,5	20,0	20,5	19,0	19,5	19,5	20,0

UGR values are corrected for lamp flux of 6900 lm by 6,7

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Luminance [cd/m<sup>2</sup>] ROFY 85 IP /E D0600 GCONTROL+ 830 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	7474,49	7480,35	7466,51	7431,53	7433,38	7424,04	7418,61	7424,04	7433,38
50,00	6352,85	6428,53	6331,06	5925,71	6315,70	6417,37	6292,33	6417,37	6315,70
55,00	5233,33	5632,74	4536,91	3927,52	4653,66	5613,42	5139,61	5613,42	4653,66
60,00	4293,38	4436,96	3463,17	3446,68	3305,69	4421,32	4243,08	4421,32	3305,69
65,00	3389,42	3513,47	2833,99	3166,44	2704,61	3638,60	3574,23	3638,60	2704,61
70,00	2755,26	2959,78	2795,72	2465,91	2809,47	3139,23	2633,87	3139,23	2809,47
75,00	2653,93	2668,03	2446,13	2461,63	2428,82	2746,25	2567,55	2746,25	2428,82
80,00	2319,34	2612,27	2721,31	2808,12	2654,02	2544,64	2217,94	2544,64	2654,02
85,00	2183,40	2800,81	3032,97	2636,41	2906,06	2748,39	2097,15	2748,39	2906,06

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	7431,53	7466,51	7480,35	7474,49	7480,35	7466,51	7431,53	7433,38	7424,04
50,00	5925,71	6331,06	6428,53	6352,85	6428,53	6331,06	5925,71	6315,70	6417,37
55,00	3927,52	4536,91	5632,74	5233,33	5632,74	4536,91	3927,52	4653,66	5613,42
60,00	3446,68	3463,17	4436,96	4293,38	4436,96	3463,17	3446,68	3305,69	4421,32
65,00	3166,44	2833,99	3513,47	3389,42	3513,47	2833,99	3166,44	2704,61	3638,60
70,00	2465,91	2795,72	2959,78	2755,26	2959,78	2795,72	2465,91	2809,47	3139,23
75,00	2461,63	2446,13	2668,03	2653,93	2668,03	2446,13	2461,63	2428,82	2746,25
80,00	2808,12	2721,31	2612,27	2319,34	2612,27	2721,31	2808,12	2654,02	2544,64
85,00	2636,41	3032,97	2800,81	2183,40	2800,81	3032,97	2636,41	2906,06	2748,39

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	7418,61	7424,04	7433,38	7431,53	7466,51	7480,35
50,00	6292,33	6417,37	6315,70	5925,71	6331,06	6428,53
55,00	5139,61	5613,42	4653,66	3927,52	4536,91	5632,74
60,00	4243,08	4421,32	3305,69	3446,68	3463,17	4436,96
65,00	3574,23	3638,60	2704,61	3166,44	2833,99	3513,47
70,00	2633,87	3139,23	2809,47	2465,91	2795,72	2959,78
75,00	2567,55	2746,25	2428,82	2461,63	2446,13	2668,03
80,00	2217,94	2544,64	2654,02	2808,12	2721,31	2612,27
85,00	2097,15	2748,39	2906,06	2636,41	3032,97	2800,81