

## PHOTOMETRIC RESULTS

<b>Name:</b>	ROFY 60 /T D/I D0400 GCONTROL+ 840 LO		
<b>Number:</b>	90592L400	<b>Diameter:</b>	598 mm
<b>Report:</b>	27-10-2022	<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>	131 mm
<b>Number:</b>	1	<b>Power:</b>	23,25 W
<b>Lamp flux:</b>	3590,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	27/10/2022 15:00:31	<b>Output ratio:</b>	64,4 %

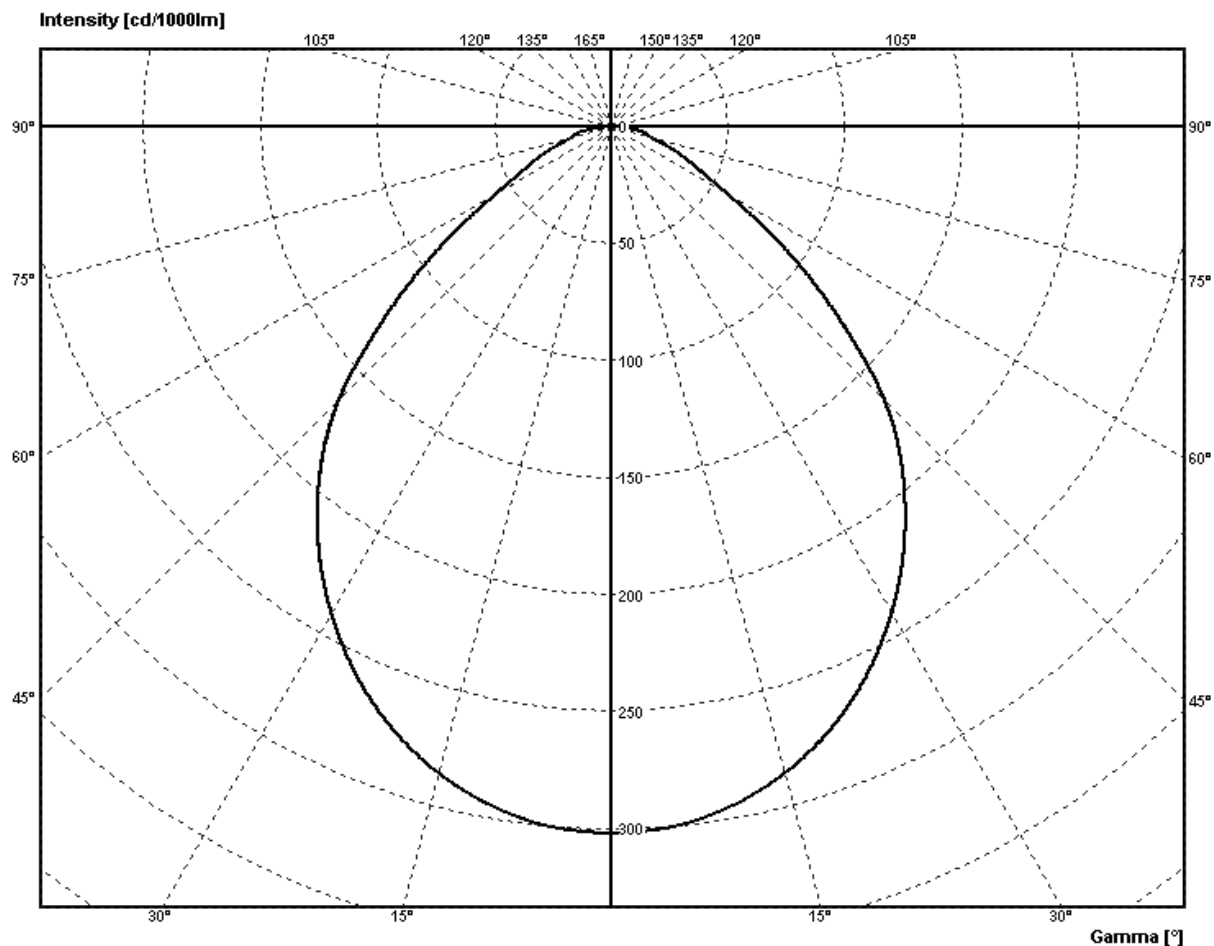
## Info

LiTG-class:	A50									
UTE-class:	0,64 D									
IES-class:	59 - 88 - 97 - 100 - 64									
TM5-class:	BZ2/2.50/BZ3									
Divergences in the plane through maximum intensity:						Horizontal		Vertical		
One half peak divergence:						93,7°		93,8°		
Half peak side angle (left):						-46,9°		-46,8°		
Half peak side angle (right):						46,8°		47,0°		
One tenth peak divergence:						138,2°		138,4°		
Tenth peak side angle (left):						-69,1°		-69,4°		
Tenth peak side angle (right):						69,1°		68,9°		
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 60 /T D/I D0400 GCONTROL+ 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>	15,7	17,2	16,0	17,5	17,8	15,7	17,2	16,0	17,5
<b>2H</b>	<b>3H</b>	16,4	17,7	16,8	18,0	18,4	16,4	17,7	16,8	18,0
<b>2H</b>	<b>4H</b>	16,6	17,9	17,0	18,2	18,6	16,6	17,9	17,0	18,2
<b>2H</b>	<b>6H</b>	16,9	18,1	17,3	18,4	18,8	16,9	18,1	17,3	18,4
<b>2H</b>	<b>8H</b>	17,0	18,1	17,4	18,5	18,9	17,0	18,1	17,4	18,5
<b>2H</b>	<b>12H</b>	17,1	18,1	17,5	18,5	18,9	17,1	18,1	17,5	18,5
<b>4H</b>	<b>2H</b>	16,0	17,2	16,4	17,6	18,0	16,0	17,2	16,4	17,6
<b>4H</b>	<b>3H</b>	16,8	17,9	17,3	18,3	18,7	16,8	17,9	17,3	18,3
<b>4H</b>	<b>4H</b>	17,3	18,2	17,7	18,6	19,1	17,3	18,2	17,7	18,6
<b>4H</b>	<b>6H</b>	17,6	18,5	18,1	18,9	19,3	17,6	18,4	18,1	18,9
<b>4H</b>	<b>8H</b>	17,8	18,6	18,3	19,0	19,5	17,8	18,6	18,3	19,0
<b>4H</b>	<b>12H</b>	18,0	18,7	18,4	19,1	19,6	18,0	18,7	18,4	19,1
<b>8H</b>	<b>4H</b>	17,4	18,1	17,9	18,6	19,1	17,4	18,1	17,8	18,6
<b>8H</b>	<b>6H</b>	17,9	18,5	18,4	19,0	19,5	17,9	18,5	18,3	19,0
<b>8H</b>	<b>8H</b>	18,2	18,7	18,7	19,2	19,7	18,2	18,7	18,7	19,2
<b>8H</b>	<b>12H</b>	18,4	18,9	18,9	19,4	19,9	18,4	18,8	18,9	19,4
<b>12H</b>	<b>4H</b>	17,4	18,1	17,9	18,5	19,1	17,4	18,1	17,9	18,5
<b>12H</b>	<b>6H</b>	18,0	18,5	18,5	19,0	19,5	18,0	18,5	18,5	19,0
<b>12H</b>	<b>8H</b>	18,3	18,7	18,8	19,2	19,7	18,2	18,7	18,8	19,2

UGR values are corrected for lamp flux of 3590 lm by 4,4

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Luminance [cd/m<sup>2</sup>] ROFY 60 /T D/I D0400 GCONTROL+ 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	4267,84	4278,80	4270,13	4264,90	4268,22	4273,52	4249,68	4273,52	4268,22
50,00	3612,46	3553,36	3571,72	3627,07	3547,02	3559,39	3633,62	3559,39	3547,02
55,00	2889,13	2733,39	2781,98	2906,77	2715,91	2763,23	2848,00	2763,23	2715,91
60,00	2117,24	2251,15	2215,22	2117,52	2250,54	2220,59	2117,53	2220,59	2250,54
65,00	1706,08	2003,36	1968,67	1726,66	2032,40	2001,41	1743,26	2001,41	2032,40
70,00	1512,06	1703,62	1729,39	1504,01	1681,98	1707,98	1494,44	1707,98	1681,98
75,00	1293,54	1466,54	1484,41	1267,72	1466,71	1493,83	1240,61	1493,83	1466,71
80,00	1551,02	1506,71	1519,94	1544,51	1498,71	1504,10	1547,21	1504,10	1498,71
85,00	1577,30	1466,18	1471,31	1557,41	1450,00	1471,48	1514,47	1471,48	1450,00

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4264,90	4270,13	4278,80	4267,84	4278,80	4270,13	4264,90	4268,22	4273,52
50,00	3627,07	3571,72	3553,36	3612,46	3553,36	3571,72	3627,07	3547,02	3559,39
55,00	2906,77	2781,98	2733,39	2889,13	2733,39	2781,98	2906,77	2715,91	2763,23
60,00	2117,52	2215,22	2251,15	2117,24	2251,15	2215,22	2117,52	2250,54	2220,59
65,00	1726,66	1968,67	2003,36	1706,08	2003,36	1968,67	1726,66	2032,40	2001,41
70,00	1504,01	1729,39	1703,62	1512,06	1703,62	1729,39	1504,01	1681,98	1707,98
75,00	1267,72	1484,41	1466,54	1293,54	1466,54	1484,41	1267,72	1466,71	1493,83
80,00	1544,51	1519,94	1506,71	1551,02	1506,71	1519,94	1544,51	1498,71	1504,10
85,00	1557,41	1471,31	1466,18	1577,30	1466,18	1471,31	1557,41	1450,00	1471,48

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4249,68	4273,52	4268,22	4264,90	4270,13	4278,80
50,00	3633,62	3559,39	3547,02	3627,07	3571,72	3553,36
55,00	2848,00	2763,23	2715,91	2906,77	2781,98	2733,39
60,00	2117,53	2220,59	2250,54	2117,52	2215,22	2251,15
65,00	1743,26	2001,41	2032,40	1726,66	1968,67	2003,36
70,00	1494,44	1707,98	1681,98	1504,01	1729,39	1703,62
75,00	1240,61	1493,83	1466,71	1267,72	1484,41	1466,54
80,00	1547,21	1504,10	1498,71	1544,51	1519,94	1506,71
85,00	1514,47	1471,48	1450,00	1557,41	1471,31	1466,18