

## PHOTOMETRIC RESULTS

<b>Name:</b>	ROFY 85 /E D1150 GCONTROL+ K3 840 LO		
<b>Number:</b>	90631L115	<b>Diameter:</b>	1150 mm
<b>Report:</b>	16-12-2020	<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>	92 mm
<b>Number:</b>	1	<b>Power:</b>	90,78 W
<b>Lamp flux:</b>	15720,00 lm	<b>Operator:</b>	INDELAGUE GROUP
<b>Date:</b>	16/12/2020 14:22:26	<b>Output ratio:</b>	71,4 %

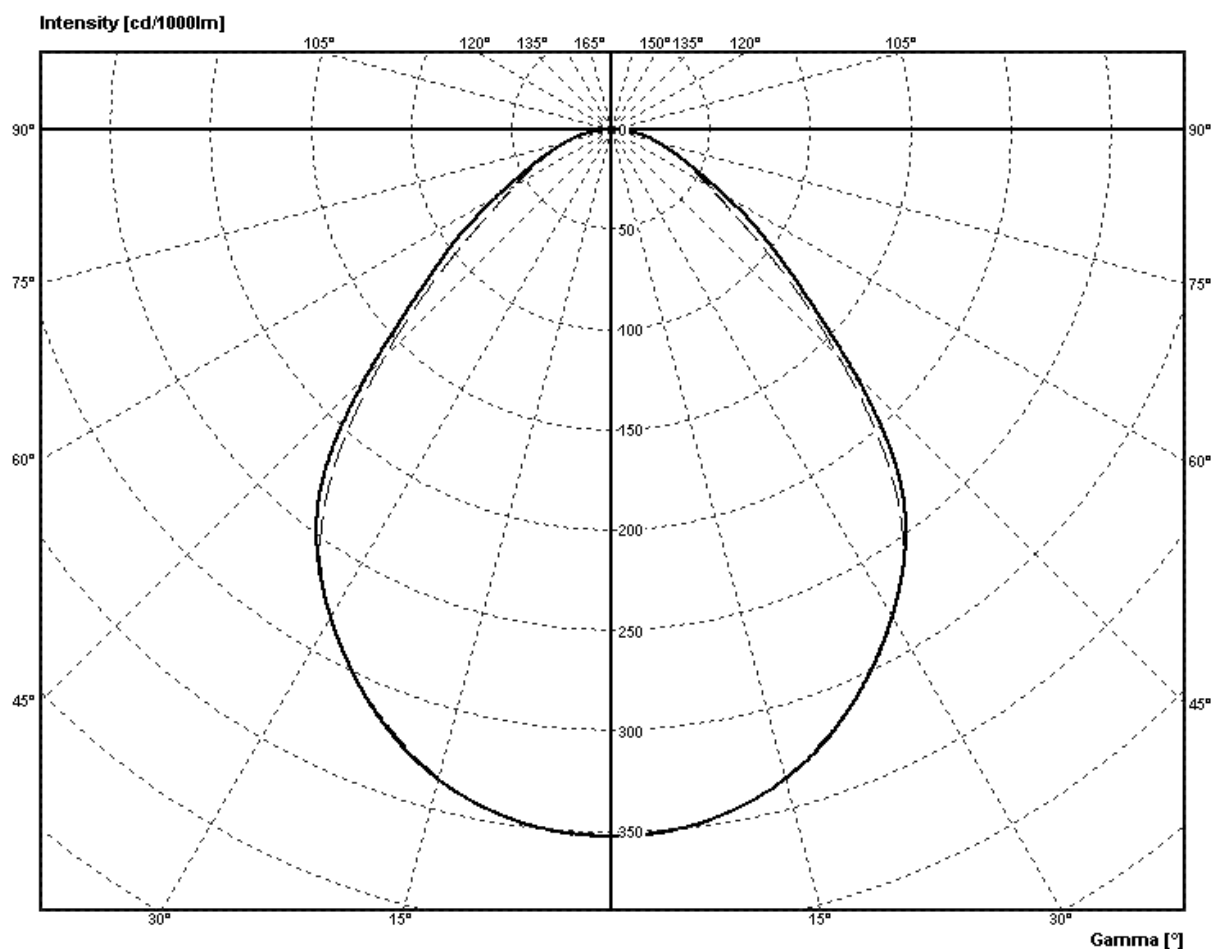
## Info

LiTG-class:	A50										
UTE-class:	0,71 C										
IES-class:	62 - 89 - 97 - 100 - 71										
TM5-class:	BZ2/1.00/BZ3										
Divergences in the plane through maximum intensity:						Horizontal		Vertical			
One half peak divergence:						87,1°		89,2°			
Half peak side angle (left):						-43,6°		-44,6°			
Half peak side angle (right):						43,6°		44,6°			
One tenth peak divergence:						137,7°		139,1°			
Tenth peak side angle (left):						-68,9°		-69,5°			
Tenth peak side angle (right):						68,9°		69,5°			
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 /E D1150 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>	15,0	16,4	15,3	16,7	17,0	14,5	15,9	14,8	16,2
<b>2H</b>	<b>3H</b>	15,6	16,9	16,0	17,3	17,6	15,1	16,5	15,5	16,8
<b>2H</b>	<b>4H</b>	15,9	17,2	16,3	17,5	17,9	15,5	16,7	15,9	17,1
<b>2H</b>	<b>6H</b>	16,2	17,3	16,6	17,7	18,1	15,8	16,9	16,2	17,3
<b>2H</b>	<b>8H</b>	16,3	17,4	16,7	17,8	18,2	15,8	16,9	16,3	17,3
<b>2H</b>	<b>12H</b>	16,3	17,4	16,8	17,8	18,2	15,9	16,9	16,3	17,3
<b>4H</b>	<b>2H</b>	15,2	16,4	15,6	16,8	17,1	14,8	16,0	15,2	16,3
<b>4H</b>	<b>3H</b>	16,0	17,1	16,4	17,4	17,9	15,6	16,7	16,0	17,0
<b>4H</b>	<b>4H</b>	16,5	17,4	16,9	17,8	18,2	16,1	17,0	16,5	17,4
<b>4H</b>	<b>6H</b>	16,8	17,7	17,3	18,1	18,5	16,5	17,3	16,9	17,7
<b>4H</b>	<b>8H</b>	17,0	17,7	17,5	18,2	18,7	16,6	17,4	17,1	17,8
<b>4H</b>	<b>12H</b>	17,1	17,8	17,6	18,2	18,8	16,7	17,4	17,2	17,9
<b>8H</b>	<b>4H</b>	16,6	17,3	17,1	17,8	18,3	16,2	17,0	16,7	17,4
<b>8H</b>	<b>6H</b>	17,1	17,7	17,5	18,2	18,7	16,7	17,4	17,2	17,8
<b>8H</b>	<b>8H</b>	17,3	17,9	17,8	18,4	18,9	17,0	17,5	17,5	18,0
<b>8H</b>	<b>12H</b>	17,5	17,9	18,0	18,5	19,0	17,2	17,6	17,7	18,1
<b>12H</b>	<b>4H</b>	16,6	17,3	17,1	17,7	18,2	16,3	17,0	16,7	17,4
<b>12H</b>	<b>6H</b>	17,1	17,7	17,7	18,2	18,7	16,8	17,4	17,3	17,9
<b>12H</b>	<b>8H</b>	17,4	17,8	17,9	18,4	18,9	17,1	17,5	17,6	18,0

UGR values are corrected for lamp flux of 15720 lm by 9,6

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Luminance [cd/m<sup>2</sup>] ROFY 85 /E D1150 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	3955,70	4046,05	3926,26	3765,07	3828,60	3686,89	3696,45	3686,89	3828,60
50,00	3158,88	3227,24	3160,01	3085,53	2935,02	2913,52	2877,63	2913,52	2935,02
55,00	2655,04	2582,90	2492,48	2503,03	2328,33	2271,10	2194,11	2271,10	2328,33
60,00	2147,90	2115,92	2067,52	1972,98	1983,34	1820,94	1839,33	1820,94	1983,34
65,00	1789,45	1787,52	1795,70	1680,15	1618,83	1639,27	1668,90	1639,27	1618,83
70,00	1615,44	1617,40	1582,02	1525,50	1545,70	1576,01	1556,74	1576,01	1545,70
75,00	1534,35	1562,92	1536,21	1515,25	1535,28	1528,60	1496,13	1528,60	1535,28
80,00	1650,56	1553,00	1602,78	1621,71	1522,22	1482,42	1493,27	1482,42	1522,22
85,00	1584,85	1566,93	1586,76	1605,63	1526,34	1546,16	1547,09	1546,16	1526,34

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	3765,07	3926,26	4046,05	3955,70	4046,05	3926,26	3765,07	3828,60	3686,89
50,00	3085,53	3160,01	3227,24	3158,88	3227,24	3160,01	3085,53	2935,02	2913,52
55,00	2503,03	2492,48	2582,90	2655,04	2582,90	2492,48	2503,03	2328,33	2271,10
60,00	1972,98	2067,52	2115,92	2147,90	2115,92	2067,52	1972,98	1983,34	1820,94
65,00	1680,15	1795,70	1787,52	1789,45	1787,52	1795,70	1680,15	1618,83	1639,27
70,00	1525,50	1582,02	1617,40	1615,44	1617,40	1582,02	1525,50	1545,70	1576,01
75,00	1515,25	1536,21	1562,92	1534,35	1562,92	1536,21	1515,25	1535,28	1528,60
80,00	1621,71	1602,78	1553,00	1650,56	1553,00	1602,78	1621,71	1522,22	1482,42
85,00	1605,63	1586,76	1566,93	1584,85	1566,93	1586,76	1605,63	1526,34	1546,16

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	3696,45	3686,89	3828,60	3765,07	3926,26	4046,05
50,00	2877,63	2913,52	2935,02	3085,53	3160,01	3227,24
55,00	2194,11	2271,10	2328,33	2503,03	2492,48	2582,90
60,00	1839,33	1820,94	1983,34	1972,98	2067,52	2115,92
65,00	1668,90	1639,27	1618,83	1680,15	1795,70	1787,52
70,00	1556,74	1576,01	1545,70	1525,50	1582,02	1617,40
75,00	1496,13	1528,60	1535,28	1515,25	1536,21	1562,92
80,00	1493,27	1482,42	1522,22	1621,71	1602,78	1553,00
85,00	1547,09	1546,16	1526,34	1605,63	1586,76	1566,93