

PHOTOMETRIC RESULTS

Name:	ROFY 85 /E D1150 GCONTROL+ 840 HO		
Number:	90622L115	Diameter:	1150 mm
Report:	16-12-2020	Length:	0 mm
Meas.-no.:	01	Width:	0 mm
Lamp type:	LED 840 - 01	Height:	92 mm
Number:	1	Power:	105,59 W
Lamp flux:	18760,00 lm	Operator:	INDELAGUE GROUP
Date:	16/12/2020 14:40:55	Output ratio:	72,4 %

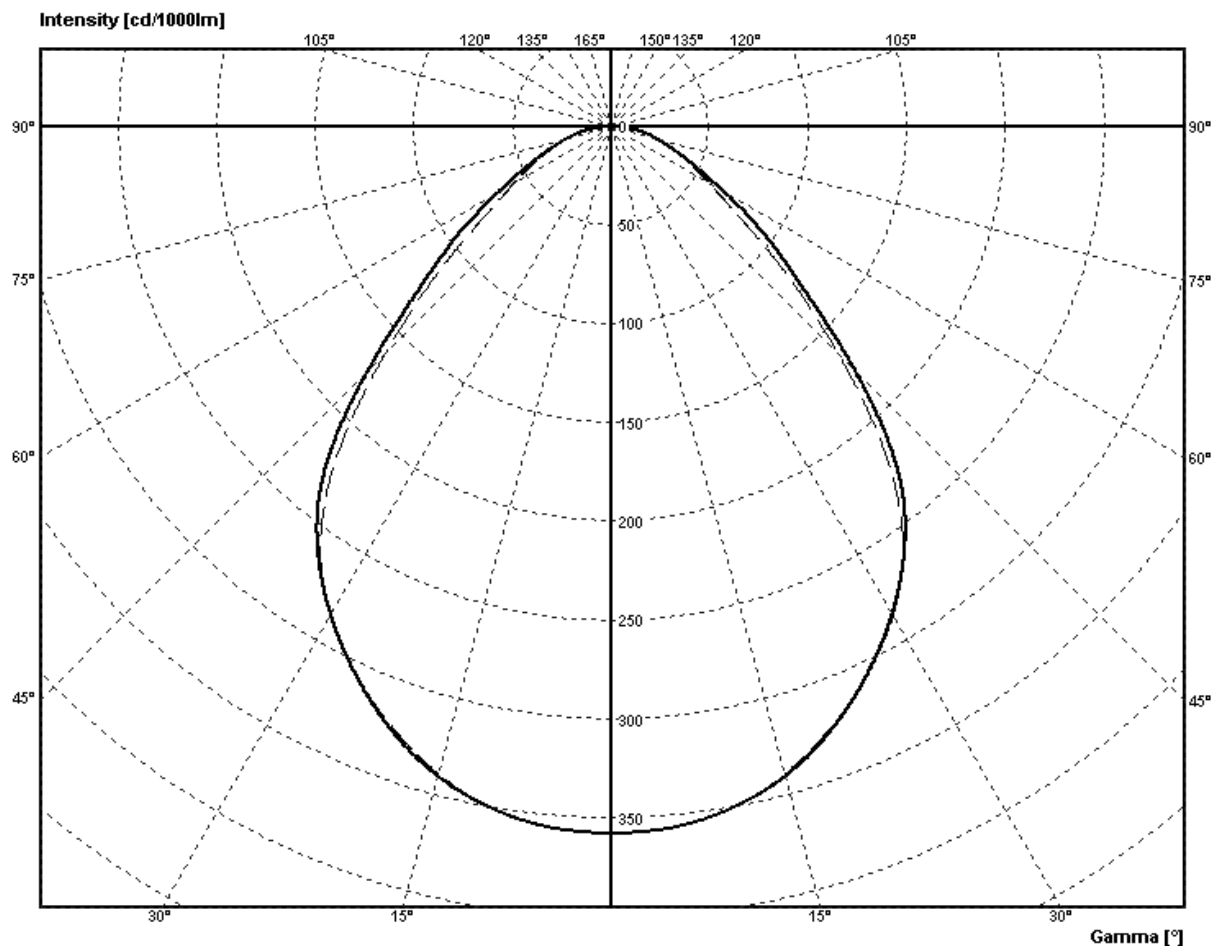
Info

LiTG-class:	A50									
UTE-class:	0,72 C									
IES-class:	62 - 89 - 97 - 100 - 72									
TM5-class:	BZ2/1.00/BZ3									
Divergences in the plane through maximum intensity:						Horizontal		Vertical		
One half peak divergence:						87,0°		89,3°		
Half peak side angle (left):						-43,5°		-44,6°		
Half peak side angle (right):						43,5°		44,6°		
One tenth peak divergence:						137,7°		139,0°		
Tenth peak side angle (left):						-68,8°		-69,5°		
Tenth peak side angle (right):						68,8°		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+ 840 HO / Direct in 15° C / 5° G



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UGR Unified Glare Ratios

Ceiling reflectance	0,7	0,7	0,5	0,5	0,3	0,7	0,7	0,5	0,5	0,3
Wall reflectance	0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3	0,3
Floor cavity reflectance	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Room dimension	Viewed crosswise					Viewed endwise				
2H	2H	15,6	17,1	16,0	17,4	17,7	15,1	16,6	15,5	16,9
2H	3H	16,3	17,6	16,7	17,9	18,3	15,8	17,1	16,2	17,5
2H	4H	16,6	17,8	17,0	18,2	18,5	16,1	17,4	16,5	17,7
2H	6H	16,9	18,0	17,3	18,4	18,8	16,4	17,6	16,9	17,9
2H	8H	17,0	18,0	17,4	18,4	18,8	16,5	17,6	16,9	18,0
2H	12H	17,0	18,1	17,4	18,4	18,8	16,6	17,6	17,0	18,0
4H	2H	15,9	17,1	16,3	17,4	17,8	15,4	16,7	15,8	17,0
4H	3H	16,7	17,7	17,1	18,1	18,5	16,3	17,3	16,7	17,7
4H	4H	17,1	18,1	17,6	18,5	18,9	16,8	17,7	17,2	18,1
4H	6H	17,5	18,3	18,0	18,8	19,2	17,1	18,0	17,6	18,4
4H	8H	17,7	18,4	18,1	18,9	19,3	17,3	18,0	17,8	18,5
4H	12H	17,8	18,5	18,3	18,9	19,4	17,4	18,1	17,9	18,5
8H	4H	17,3	18,0	17,7	18,5	18,9	16,9	17,7	17,4	18,1
8H	6H	17,7	18,4	18,2	18,8	19,3	17,4	18,0	17,9	18,5
8H	8H	18,0	18,5	18,5	19,1	19,5	17,7	18,2	18,2	18,7
8H	12H	18,2	18,6	18,7	19,1	19,6	17,8	18,3	18,3	18,8
12H	4H	17,3	18,0	17,7	18,4	18,9	16,9	17,6	17,4	18,1
12H	6H	17,8	18,4	18,3	18,9	19,4	17,5	18,0	18,0	18,5
12H	8H	18,1	18,5	18,6	19,0	19,5	17,7	18,2	18,2	18,7

UGR values are corrected for lamp flux of 18760 lm by 10,2

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Luminance [cd/m²] ROFY 85 /E D1150 GCONTROL+ 840 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	4793,98	4901,49	4759,70	4566,58	4632,58	4461,68	4456,79	4461,68	4632,58
50,00	3832,96	3907,48	3826,80	3743,44	3549,81	3529,22	3488,91	3529,22	3549,81
55,00	3217,08	3119,23	3025,81	3034,85	2823,89	2753,20	2656,80	2753,20	2823,89
60,00	2605,45	2561,81	2506,49	2388,95	2399,32	2208,07	2232,26	2208,07	2399,32
65,00	2174,93	2171,93	2180,11	2041,04	1967,41	1982,79	2027,76	1982,79	1967,41
70,00	1949,92	1955,95	1915,52	1854,87	1870,03	1904,46	1879,20	1904,46	1870,03
75,00	1855,80	1890,12	1850,05	1843,37	1863,40	1842,45	1815,75	1842,45	1863,40
80,00	2009,85	1871,49	1941,17	1951,12	1841,62	1800,90	1810,85	1800,90	1841,62
85,00	1982,38	1904,03	1904,03	1963,53	1844,53	1843,61	1903,08	1843,61	1844,53

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4566,58	4759,70	4901,49	4793,98	4901,49	4759,70	4566,58	4632,58	4461,68
50,00	3743,44	3826,80	3907,48	3832,96	3907,48	3826,80	3743,44	3549,81	3529,22
55,00	3034,85	3025,81	3119,23	3217,08	3119,23	3025,81	3034,85	2823,89	2753,20
60,00	2388,95	2506,49	2561,81	2605,45	2561,81	2506,49	2388,95	2399,32	2208,07
65,00	2041,04	2180,11	2171,93	2174,93	2171,93	2180,11	2041,04	1967,41	1982,79
70,00	1854,87	1915,52	1955,95	1949,92	1955,95	1915,52	1854,87	1870,03	1904,46
75,00	1843,37	1850,05	1890,12	1855,80	1890,12	1850,05	1843,37	1863,40	1842,45
80,00	1951,12	1941,17	1871,49	2009,85	1871,49	1941,17	1951,12	1841,62	1800,90
85,00	1963,53	1904,03	1904,03	1982,38	1904,03	1904,03	1963,53	1844,53	1843,61

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4456,79	4461,68	4632,58	4566,58	4759,70	4901,49
50,00	3488,91	3529,22	3549,81	3743,44	3826,80	3907,48
55,00	2656,80	2753,20	2823,89	3034,85	3025,81	3119,23
60,00	2232,26	2208,07	2399,32	2388,95	2506,49	2561,81
65,00	2027,76	1982,79	1967,41	2041,04	2180,11	2171,93
70,00	1879,20	1904,46	1870,03	1854,87	1915,52	1955,95
75,00	1815,75	1842,45	1863,40	1843,37	1850,05	1890,12
80,00	1810,85	1800,90	1841,62	1951,12	1941,17	1871,49
85,00	1903,08	1843,61	1844,53	1963,53	1904,03	1904,03