

PHOTOMETRIC RESULTS

Name:	ROFY 85 IP /E D0900 GCONTROL+ K3 830 LO		
Number:	90572L900	Diameter:	923 mm
Report:	21-09-2021	Length:	0 mm
Meas.-no.:	01	Width:	0 mm
Lamp type:	LED 830 - 01	Height:	87 mm
Number:	1	Power:	54,35 W
Lamp flux:	8600,00 lm	Operator:	INDELAGUE GROUP
Date:	22/09/2021 12:06:02	Output ratio:	84,8 %

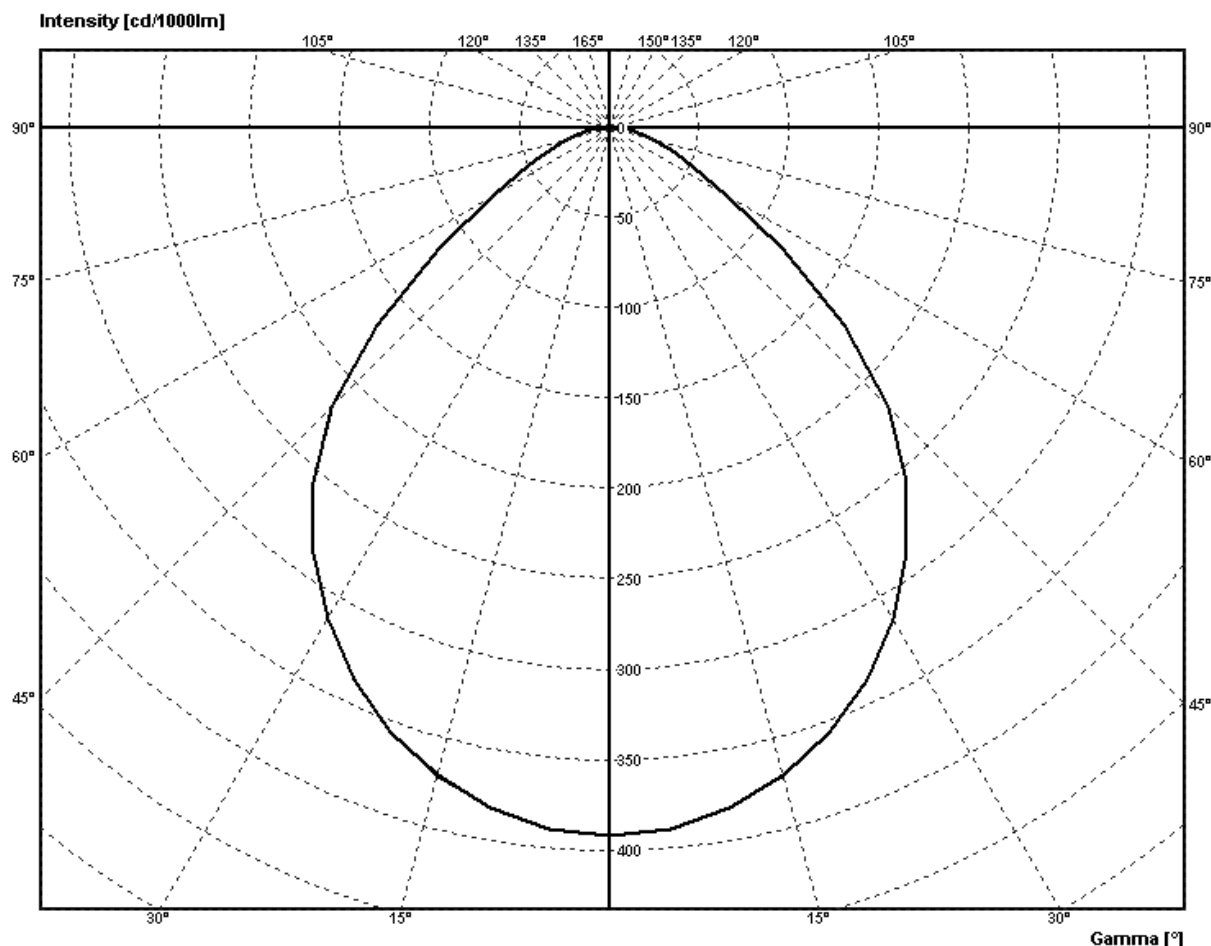
Info

LiTG-class:	A50									
UTE-class:	0,85 D									
IES-class:	59 - 88 - 97 - 100 - 85									
TM5-class:	BZ2/2.50/BZ3									
Divergences in the plane through maximum intensity:						Horizontal		Vertical		
One half peak divergence:						94,6°		94,6°		
Half peak side angle (left):						-47,5°		-46,8°		
Half peak side angle (right):						47,1°		47,9°		
One tenth peak divergence:						139,4°		139,2°		
Tenth peak side angle (left):						-69,9°		-69,5°		
Tenth peak side angle (right):						69,5°		69,8°		
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 D0900 GCONTROL+ K3 830 LO / 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	15,3	16,8	15,7	17,1	17,5	15,3	16,8	15,7	17,1
2H	3H	15,9	17,3	16,3	17,6	18,0	15,9	17,3	16,3	17,6
2H	4H	16,2	17,4	16,6	17,8	18,2	16,2	17,4	16,6	17,8
2H	6H	16,4	17,6	16,8	17,9	18,3	16,4	17,5	16,8	17,9
2H	8H	16,5	17,6	16,9	18,0	18,4	16,4	17,5	16,8	17,9
2H	12H	16,5	17,6	16,9	18,0	18,4	16,5	17,5	16,9	17,9
4H	2H	15,6	16,9	16,0	17,2	17,6	15,6	16,9	16,0	17,2
4H	3H	16,4	17,4	16,8	17,8	18,2	16,4	17,4	16,8	17,8
4H	4H	16,8	17,7	17,2	18,1	18,6	16,8	17,7	17,2	18,1
4H	6H	17,0	17,9	17,5	18,3	18,8	17,0	17,8	17,5	18,3
4H	8H	17,2	17,9	17,6	18,4	18,8	17,1	17,9	17,6	18,4
4H	12H	17,3	18,0	17,8	18,4	18,9	17,2	17,9	17,7	18,4
8H	4H	16,8	17,6	17,3	18,1	18,5	16,8	17,6	17,3	18,0
8H	6H	17,2	17,9	17,7	18,3	18,8	17,2	17,8	17,7	18,3
8H	8H	17,4	18,0	18,0	18,5	19,0	17,4	18,0	17,9	18,5
8H	12H	17,6	18,1	18,1	18,6	19,1	17,5	18,0	18,1	18,5
12H	4H	16,8	17,6	17,3	18,0	18,5	16,8	17,5	17,3	18,0
12H	6H	17,3	17,8	17,8	18,3	18,8	17,3	17,8	17,8	18,3
12H	8H	17,5	18,0	18,0	18,5	19,0	17,4	17,9	18,0	18,4

UGR values are corrected for lamp flux of 8600 lm by 7,5

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Luminance [cd/m²] ROFY 85 IP /E D0900 GCONTROL+ K3 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	4369,74	4361,39	4360,68	4353,94	4361,86	4358,84	4350,12	4358,84	4361,86
50,00	3719,96	3649,05	3694,63	3764,71	3683,81	3646,06	3739,87	3646,06	3683,81
55,00	2854,85	2842,45	2906,41	3158,31	2848,18	2850,52	2898,56	2850,52	2848,18
60,00	2106,85	2338,62	2278,01	2405,24	2302,85	2315,12	2058,85	2315,12	2302,85
65,00	1665,95	2044,99	1927,79	1923,60	1991,15	2022,71	1649,54	2022,71	1991,15
70,00	1582,89	1755,02	1704,52	1573,69	1675,07	1774,90	1590,69	1774,90	1675,07
75,00	1428,15	1564,00	1522,93	1378,82	1480,85	1573,60	1329,23	1573,60	1480,85
80,00	1517,38	1574,05	1560,38	1554,38	1532,88	1545,18	1495,88	1545,18	1532,88
85,00	1774,76	1578,76	1594,26	1585,19	1588,23	1548,48	1750,28	1548,48	1588,23

G/C [cd]	135,00	150,00	165,00	180,00	195,00	210,00	225,00	240,00	255,00
45,00	4353,94	4360,68	4361,39	4369,74	4361,39	4360,68	4353,94	4361,86	4358,84
50,00	3764,71	3694,63	3649,05	3719,96	3649,05	3694,63	3764,71	3683,81	3646,06
55,00	3158,31	2906,41	2842,45	2854,85	2842,45	2906,41	3158,31	2848,18	2850,52
60,00	2405,24	2278,01	2338,62	2106,85	2338,62	2278,01	2405,24	2302,85	2315,12
65,00	1923,60	1927,79	2044,99	1665,95	2044,99	1927,79	1923,60	1991,15	2022,71
70,00	1573,69	1704,52	1755,02	1582,89	1755,02	1704,52	1573,69	1675,07	1774,90
75,00	1378,82	1522,93	1564,00	1428,15	1564,00	1522,93	1378,82	1480,85	1573,60
80,00	1554,38	1560,38	1574,05	1517,38	1574,05	1560,38	1554,38	1532,88	1545,18
85,00	1585,19	1594,26	1578,76	1774,76	1578,76	1594,26	1585,19	1588,23	1548,48

G/C [cd]	270,00	285,00	300,00	315,00	330,00	345,00
45,00	4350,12	4358,84	4361,86	4353,94	4360,68	4361,39
50,00	3739,87	3646,06	3683,81	3764,71	3694,63	3649,05
55,00	2898,56	2850,52	2848,18	3158,31	2906,41	2842,45
60,00	2058,85	2315,12	2302,85	2405,24	2278,01	2338,62
65,00	1649,54	2022,71	1991,15	1923,60	1927,79	2044,99
70,00	1590,69	1774,90	1675,07	1573,69	1704,52	1755,02
75,00	1329,23	1573,60	1480,85	1378,82	1522,93	1564,00
80,00	1495,88	1545,18	1532,88	1554,38	1560,38	1574,05
85,00	1750,28	1548,48	1588,23	1585,19	1594,26	1578,76