

PHOTOMETRIC RESULTS

| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Name: | ROFY 85 IP /E D0600 GCONTROL+ 840 HO | | |
| Number: | 90571L600 | Diameter: | 623 mm |
| Report: | 15-09-2021 | Length: | 0 mm |
| Meas.-no.: | 01 | Width: | 0 mm |
| Lamp type: | LED 840 - 01 | Height: | 87 mm |
| Number: | 1 | Power: | 43,96 W |
| Lamp flux: | 7640,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 15/09/2021 10:26:34 | Output ratio: | 71,6 % |

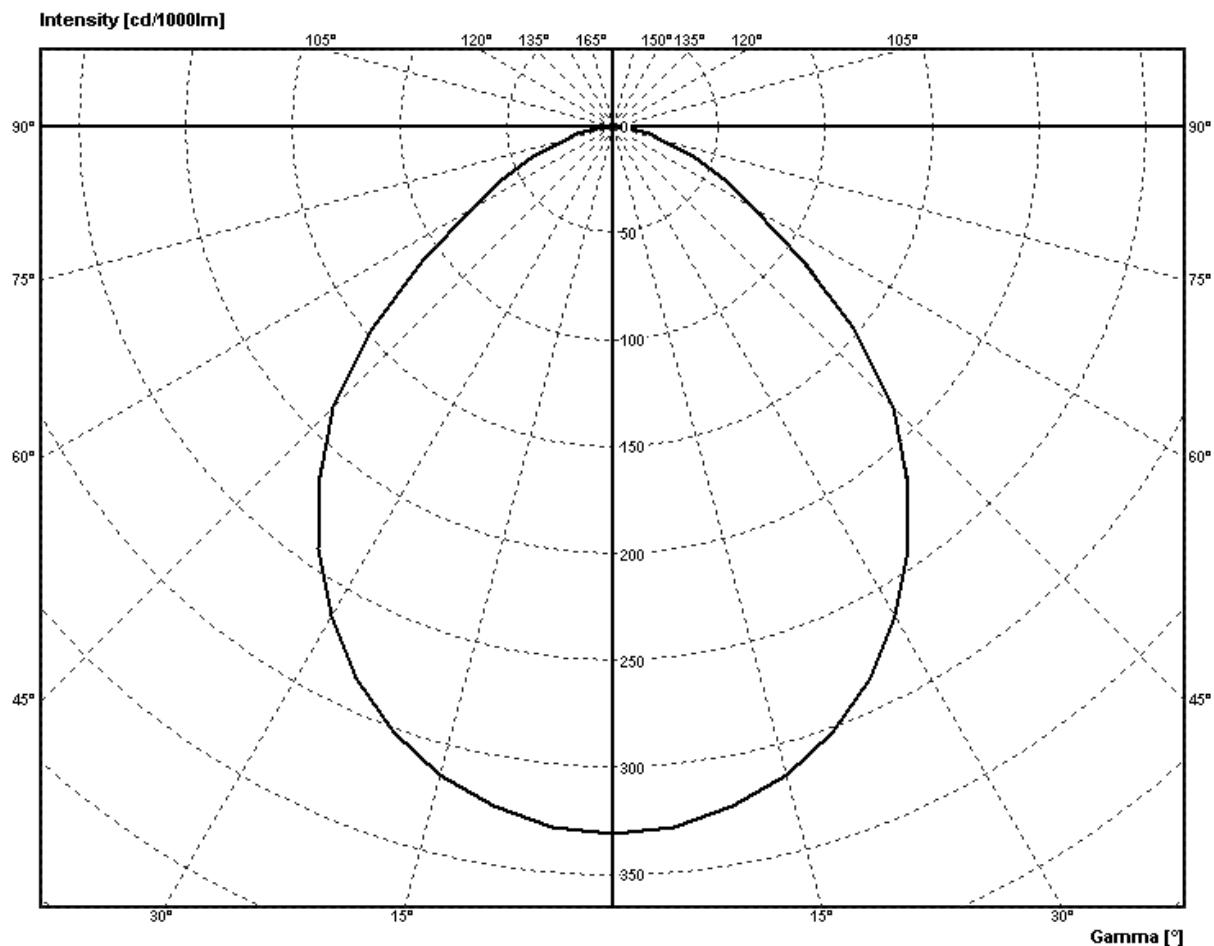
Info

| | | | | | | | | | | |
|---|-------------------------|--------|--------|--------|--------|------------|--------|----------|--------|--------|
| LiTG-class: | A40 | | | | | | | | | |
| UTE-class: | 0,72 D | | | | | | | | | |
| IES-class: | 59 - 88 - 97 - 100 - 72 | | | | | | | | | |
| TM5-class: | BZ2/2.50/BZ3 | | | | | | | | | |
| | | | | | | | | | | |
| Divergences in the plane through maximum intensity: | | | | | | Horizontal | | Vertical | | |
| One half peak divergence: | | | | | | 95,4° | | 95,3° | | |
| Half peak side angle (left): | | | | | | -48,1° | | -47,5° | | |
| Half peak side angle (right): | | | | | | 47,4° | | 47,8° | | |
| One tenth peak divergence: | | | | | | 144,8° | | 144,6° | | |
| Tenth peak side angle (left): | | | | | | -72,9° | | -72,0° | | |
| Tenth peak side angle (right): | | | | | | 71,9° | | 72,6° | | |
| | | | | | | | | | | |
| 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+ 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 | 17,1 | 18,6 | 17,5 | 18,9 | 19,2 | 17,2 | 18,7 | 17,5 | 19,0 |
| 2H | 3H | 17,8 | 19,1 | 18,2 | 19,5 | 19,8 | 17,8 | 19,2 | 18,2 | 19,5 |
| 2H | 4H | 18,0 | 19,3 | 18,4 | 19,6 | 20,0 | 18,1 | 19,3 | 18,5 | 19,7 |
| 2H | 6H | 18,3 | 19,4 | 18,7 | 19,8 | 20,2 | 18,3 | 19,4 | 18,7 | 19,8 |
| 2H | 8H | 18,3 | 19,4 | 18,7 | 19,8 | 20,2 | 18,3 | 19,4 | 18,7 | 19,8 |
| 2H | 12H | 18,3 | 19,4 | 18,7 | 19,7 | 20,2 | 18,3 | 19,4 | 18,7 | 19,8 |
| 4H | 2H | 17,3 | 18,6 | 17,7 | 18,9 | 19,3 | 17,3 | 18,6 | 17,7 | 19,0 |
| 4H | 3H | 18,1 | 19,2 | 18,5 | 19,5 | 20,0 | 18,1 | 19,2 | 18,5 | 19,6 |
| 4H | 4H | 18,4 | 19,4 | 18,9 | 19,8 | 20,2 | 18,5 | 19,4 | 18,9 | 19,8 |
| 4H | 6H | 18,7 | 19,5 | 19,2 | 20,0 | 20,4 | 18,7 | 19,6 | 19,2 | 20,0 |
| 4H | 8H | 18,8 | 19,6 | 19,3 | 20,0 | 20,5 | 18,8 | 19,6 | 19,3 | 20,1 |
| 4H | 12H | 18,9 | 19,6 | 19,4 | 20,0 | 20,5 | 18,9 | 19,6 | 19,4 | 20,1 |
| 8H | 4H | 18,5 | 19,2 | 18,9 | 19,7 | 20,1 | 18,5 | 19,3 | 19,0 | 19,7 |
| 8H | 6H | 18,8 | 19,4 | 19,3 | 19,9 | 20,4 | 18,8 | 19,5 | 19,3 | 20,0 |
| 8H | 8H | 19,0 | 19,6 | 19,5 | 20,1 | 20,6 | 19,1 | 19,6 | 19,6 | 20,1 |
| 8H | 12H | 19,1 | 19,6 | 19,7 | 20,1 | 20,6 | 19,2 | 19,6 | 19,7 | 20,1 |
| 12H | 4H | 18,5 | 19,2 | 18,9 | 19,6 | 20,1 | 18,5 | 19,2 | 19,0 | 19,7 |
| 12H | 6H | 18,9 | 19,4 | 19,4 | 19,9 | 20,4 | 18,9 | 19,5 | 19,4 | 20,0 |
| 12H | 8H | 19,1 | 19,5 | 19,6 | 20,0 | 20,5 | 19,1 | 19,6 | 19,6 | 20,1 |

UGR values are corrected for lamp flux of 7640 lm by 7,1

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Luminance [cd/m²] ROFY 85 IP /E D0600 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 | 7586,93 | 7571,49 | 7553,04 | 7566,87 | 7575,98 | 7595,34 | 7605,60 | 7595,34 | 7575,98 |
| 50,00 | 6612,40 | 6539,17 | 6313,05 | 6166,96 | 6334,43 | 6547,38 | 6642,60 | 6547,38 | 6334,43 |
| 55,00 | 5451,48 | 5363,21 | 4782,55 | 4224,43 | 4716,94 | 5434,02 | 5568,90 | 5434,02 | 4716,94 |
| 60,00 | 4426,33 | 4080,83 | 3543,63 | 3458,83 | 3638,25 | 4151,83 | 4464,04 | 4151,83 | 3638,25 |
| 65,00 | 4006,24 | 3520,05 | 3024,77 | 3148,16 | 3090,70 | 3465,39 | 3920,95 | 3465,39 | 3090,70 |
| 70,00 | 3380,24 | 3019,13 | 2693,11 | 2696,94 | 2654,64 | 3050,96 | 3457,40 | 3050,96 | 2654,64 |
| 75,00 | 2779,83 | 2440,67 | 2264,22 | 2380,14 | 2261,45 | 2518,27 | 2790,67 | 2518,27 | 2261,45 |
| 80,00 | 2852,26 | 2789,23 | 2627,82 | 2511,42 | 2649,95 | 2807,60 | 2838,02 | 2807,60 | 2649,95 |
| 85,00 | 2572,22 | 2714,99 | 2849,66 | 2752,43 | 2886,66 | 2752,08 | 2602,84 | 2752,08 | 2886,66 |

| G/C [cd] | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 45,00 | 7566,87 | 7553,04 | 7571,49 | 7586,93 | 7571,49 | 7553,04 | 7566,87 | 7575,98 | 7595,34 |
| 50,00 | 6166,96 | 6313,05 | 6539,17 | 6612,40 | 6539,17 | 6313,05 | 6166,96 | 6334,43 | 6547,38 |
| 55,00 | 4224,43 | 4782,55 | 5363,21 | 5451,48 | 5363,21 | 4782,55 | 4224,43 | 4716,94 | 5434,02 |
| 60,00 | 3458,83 | 3543,63 | 4080,83 | 4426,33 | 4080,83 | 3543,63 | 3458,83 | 3638,25 | 4151,83 |
| 65,00 | 3148,16 | 3024,77 | 3520,05 | 4006,24 | 3520,05 | 3024,77 | 3148,16 | 3090,70 | 3465,39 |
| 70,00 | 2696,94 | 2693,11 | 3019,13 | 3380,24 | 3019,13 | 2693,11 | 2696,94 | 2654,64 | 3050,96 |
| 75,00 | 2380,14 | 2264,22 | 2440,67 | 2779,83 | 2440,67 | 2264,22 | 2380,14 | 2261,45 | 2518,27 |
| 80,00 | 2511,42 | 2627,82 | 2789,23 | 2852,26 | 2789,23 | 2627,82 | 2511,42 | 2649,95 | 2807,60 |
| 85,00 | 2752,43 | 2849,66 | 2714,99 | 2572,22 | 2714,99 | 2849,66 | 2752,43 | 2886,66 | 2752,08 |

| G/C [cd] | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
|----------|---------|---------|---------|---------|---------|---------|
| 45,00 | 7605,60 | 7595,34 | 7575,98 | 7566,87 | 7553,04 | 7571,49 |
| 50,00 | 6642,60 | 6547,38 | 6334,43 | 6166,96 | 6313,05 | 6539,17 |
| 55,00 | 5568,90 | 5434,02 | 4716,94 | 4224,43 | 4782,55 | 5363,21 |
| 60,00 | 4464,04 | 4151,83 | 3638,25 | 3458,83 | 3543,63 | 4080,83 |
| 65,00 | 3920,95 | 3465,39 | 3090,70 | 3148,16 | 3024,77 | 3520,05 |
| 70,00 | 3457,40 | 3050,96 | 2654,64 | 2696,94 | 2693,11 | 3019,13 |
| 75,00 | 2790,67 | 2518,27 | 2261,45 | 2380,14 | 2264,22 | 2440,67 |
| 80,00 | 2838,02 | 2807,60 | 2649,95 | 2511,42 | 2627,82 | 2789,23 |
| 85,00 | 2602,84 | 2752,08 | 2886,66 | 2752,43 | 2849,66 | 2714,99 |