

PHOTOMETRIC RESULTS

| | | | |
|-------------------|---------------------------------------|----------------------|-----------------|
| Name: | ROFY 60 /T D/I D0600 GCONTROL+ 830 HO | | |
| Number: | 90591L600 | Diameter: | 798 mm |
| Report: | 27-10-2022 | Length: | 0 mm |
| Meas.-no.: | 01 | Width: | 0 mm |
| Lamp type: | LED 830 - 01 | Height: | 131 mm |
| Number: | 1 | Power: | 55,72 W |
| Lamp flux: | 8900,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 27/10/2022 13:40:09 | Output ratio: | 66,7 % |

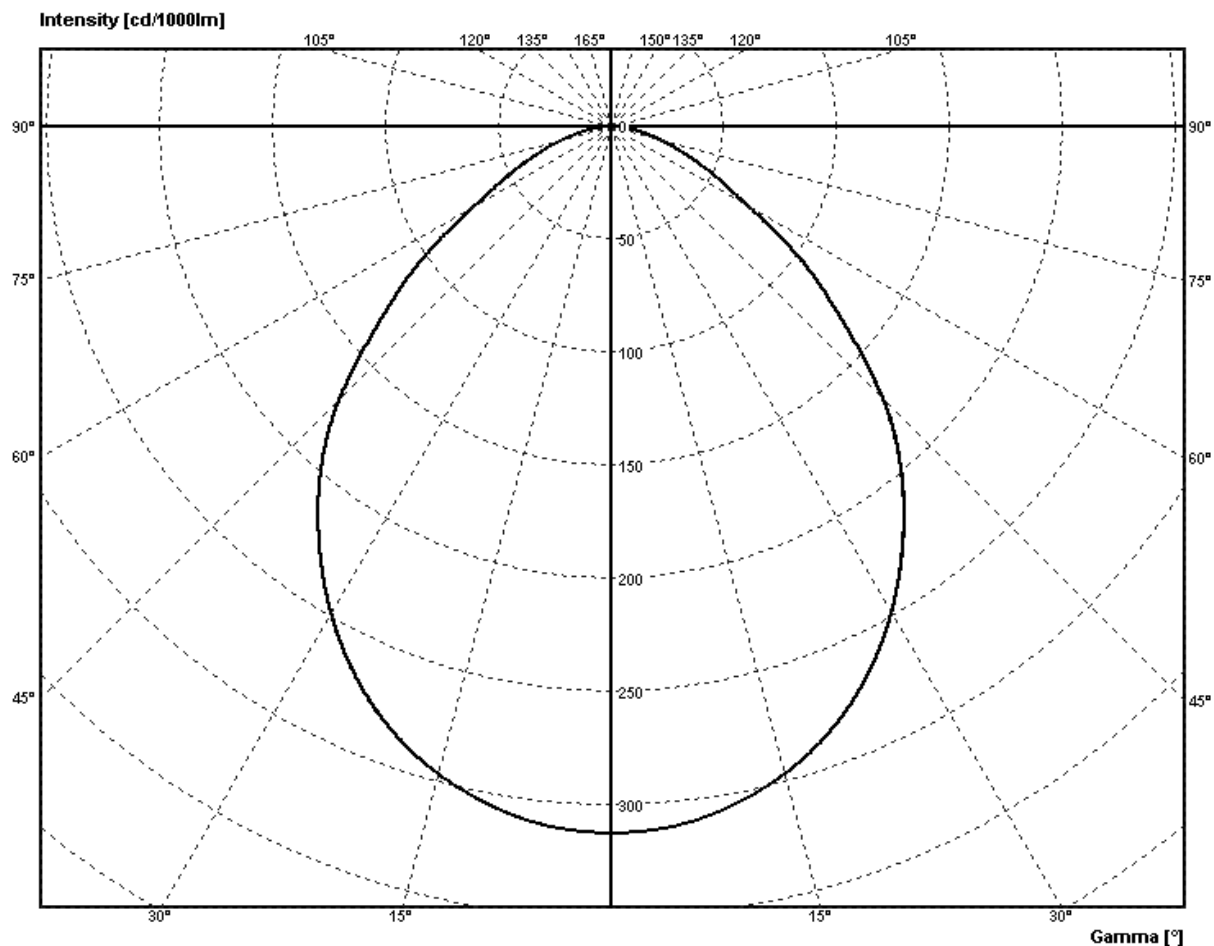
Info

| | | | | | | | | | | |
|---|-------------------------|--------|--------|--------|--------|------------|--------|----------|--------|--------|
| LiTG-class: | A40 | | | | | | | | | |
| UTE-class: | 0,66 D | | | | | | | | | |
| IES-class: | 59 - 88 - 97 - 100 - 66 | | | | | | | | | |
| TM5-class: | BZ2/2.50/BZ3 | | | | | | | | | |
| | | | | | | | | | | |
| Divergences in the plane through maximum intensity: | | | | | | Horizontal | | Vertical | | |
| One half peak divergence: | | | | | | 94,1° | | 93,9° | | |
| Half peak side angle (left): | | | | | | -47,0° | | -46,9° | | |
| Half peak side angle (right): | | | | | | 47,0° | | 47,0° | | |
| One tenth peak divergence: | | | | | | 143,3° | | 143,5° | | |
| Tenth peak side angle (left): | | | | | | -71,7° | | -71,7° | | |
| Tenth peak side angle (right): | | | | | | 71,6° | | 71,9° | | |
| | | | | | | | | | | |
| 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 D0600 GCONTROL+ 830 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 | 16,7 | 18,1 | 17,0 | 18,5 | 18,8 | 16,7 | 18,2 | 17,0 | 18,5 |
| 2H | 3H | 17,4 | 18,7 | 17,7 | 19,0 | 19,4 | 17,4 | 18,7 | 17,8 | 19,0 |
| 2H | 4H | 17,7 | 18,9 | 18,1 | 19,3 | 19,6 | 17,7 | 18,9 | 18,1 | 19,3 |
| 2H | 6H | 17,9 | 19,1 | 18,4 | 19,5 | 19,9 | 18,0 | 19,1 | 18,4 | 19,5 |
| 2H | 8H | 18,0 | 19,1 | 18,4 | 19,5 | 19,9 | 18,1 | 19,2 | 18,5 | 19,5 |
| 2H | 12H | 18,1 | 19,1 | 18,5 | 19,5 | 19,9 | 18,1 | 19,2 | 18,5 | 19,6 |
| 4H | 2H | 16,9 | 18,2 | 17,3 | 18,5 | 18,9 | 17,0 | 18,2 | 17,3 | 18,6 |
| 4H | 3H | 17,8 | 18,8 | 18,2 | 19,2 | 19,6 | 17,8 | 18,8 | 18,2 | 19,2 |
| 4H | 4H | 18,2 | 19,2 | 18,7 | 19,6 | 20,0 | 18,3 | 19,2 | 18,7 | 19,6 |
| 4H | 6H | 18,6 | 19,4 | 19,0 | 19,8 | 20,3 | 18,6 | 19,4 | 19,1 | 19,9 |
| 4H | 8H | 18,7 | 19,5 | 19,2 | 19,9 | 20,4 | 18,8 | 19,5 | 19,2 | 20,0 |
| 4H | 12H | 18,9 | 19,6 | 19,3 | 20,0 | 20,5 | 18,9 | 19,6 | 19,4 | 20,1 |
| 8H | 4H | 18,3 | 19,1 | 18,8 | 19,6 | 20,0 | 18,4 | 19,1 | 18,8 | 19,6 |
| 8H | 6H | 18,8 | 19,4 | 19,3 | 19,9 | 20,4 | 18,8 | 19,5 | 19,3 | 20,0 |
| 8H | 8H | 19,1 | 19,6 | 19,6 | 20,2 | 20,6 | 19,1 | 19,7 | 19,7 | 20,2 |
| 8H | 12H | 19,3 | 19,7 | 19,8 | 20,3 | 20,8 | 19,3 | 19,8 | 19,9 | 20,3 |
| 12H | 4H | 18,4 | 19,1 | 18,8 | 19,5 | 20,0 | 18,4 | 19,1 | 18,9 | 19,5 |
| 12H | 6H | 18,9 | 19,5 | 19,4 | 20,0 | 20,5 | 18,9 | 19,5 | 19,5 | 20,0 |
| 12H | 8H | 19,2 | 19,6 | 19,7 | 20,1 | 20,7 | 19,2 | 19,7 | 19,7 | 20,2 |

UGR values are corrected for lamp flux of 8900 lm by 7,6

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Luminance [cd/m²] ROFY 60 /T D/I D0600 GCONTROL+ 830 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 | 5567,68 | 5581,78 | 5563,59 | 5592,66 | 5579,41 | 5597,15 | 5593,48 | 5597,15 | 5579,41 |
| 50,00 | 4825,18 | 4703,35 | 4557,20 | 4648,20 | 4566,10 | 4721,63 | 4828,99 | 4721,63 | 4566,10 |
| 55,00 | 4153,95 | 3661,76 | 3565,38 | 3391,40 | 3573,46 | 3680,09 | 4198,37 | 3680,09 | 3573,46 |
| 60,00 | 3259,76 | 2842,21 | 2914,91 | 2572,13 | 2927,73 | 2908,58 | 3329,75 | 2908,58 | 2927,73 |
| 65,00 | 2761,04 | 2380,36 | 2503,93 | 2167,31 | 2483,82 | 2352,15 | 2691,73 | 2352,15 | 2483,82 |
| 70,00 | 2393,12 | 2063,09 | 2039,27 | 2121,38 | 2003,89 | 2103,38 | 2360,84 | 2103,38 | 2003,89 |
| 75,00 | 2108,28 | 1886,14 | 1957,16 | 1841,89 | 1922,82 | 1943,73 | 2116,61 | 1943,73 | 1922,82 |
| 80,00 | 1919,19 | 1842,83 | 1925,67 | 2044,17 | 1982,64 | 1890,44 | 1962,74 | 1890,44 | 1982,64 |
| 85,00 | 1957,77 | 1804,91 | 1918,57 | 2087,54 | 1949,38 | 1842,39 | 2006,46 | 1842,39 | 1949,38 |

| G/C [cd] | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 45,00 | 5592,66 | 5563,59 | 5581,78 | 5567,68 | 5581,78 | 5563,59 | 5592,66 | 5579,41 | 5597,15 |
| 50,00 | 4648,20 | 4557,20 | 4703,35 | 4825,18 | 4703,35 | 4557,20 | 4648,20 | 4566,10 | 4721,63 |
| 55,00 | 3391,40 | 3565,38 | 3661,76 | 4153,95 | 3661,76 | 3565,38 | 3391,40 | 3573,46 | 3680,09 |
| 60,00 | 2572,13 | 2914,91 | 2842,21 | 3259,76 | 2842,21 | 2914,91 | 2572,13 | 2927,73 | 2908,58 |
| 65,00 | 2167,31 | 2503,93 | 2380,36 | 2761,04 | 2380,36 | 2503,93 | 2167,31 | 2483,82 | 2352,15 |
| 70,00 | 2121,38 | 2039,27 | 2063,09 | 2393,12 | 2063,09 | 2039,27 | 2121,38 | 2003,89 | 2103,38 |
| 75,00 | 1841,89 | 1957,16 | 1886,14 | 2108,28 | 1886,14 | 1957,16 | 1841,89 | 1922,82 | 1943,73 |
| 80,00 | 2044,17 | 1925,67 | 1842,83 | 1919,19 | 1842,83 | 1925,67 | 2044,17 | 1982,64 | 1890,44 |
| 85,00 | 2087,54 | 1918,57 | 1804,91 | 1957,77 | 1804,91 | 1918,57 | 2087,54 | 1949,38 | 1842,39 |

| G/C [cd] | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
|----------|---------|---------|---------|---------|---------|---------|
| 45,00 | 5593,48 | 5597,15 | 5579,41 | 5592,66 | 5563,59 | 5581,78 |
| 50,00 | 4828,99 | 4721,63 | 4566,10 | 4648,20 | 4557,20 | 4703,35 |
| 55,00 | 4198,37 | 3680,09 | 3573,46 | 3391,40 | 3565,38 | 3661,76 |
| 60,00 | 3329,75 | 2908,58 | 2927,73 | 2572,13 | 2914,91 | 2842,21 |
| 65,00 | 2691,73 | 2352,15 | 2483,82 | 2167,31 | 2503,93 | 2380,36 |
| 70,00 | 2360,84 | 2103,38 | 2003,89 | 2121,38 | 2039,27 | 2063,09 |
| 75,00 | 2116,61 | 1943,73 | 1922,82 | 1841,89 | 1957,16 | 1886,14 |
| 80,00 | 1962,74 | 1890,44 | 1982,64 | 2044,17 | 1925,67 | 1842,83 |
| 85,00 | 2006,46 | 1842,39 | 1949,38 | 2087,54 | 1918,57 | 1804,91 |