

PHOTOMETRIC RESULTS

| | | | |
|-------------------|------------------------------|----------------------|-----------------|
| Name: | CORA L60W60 4 BOPTICS 830 LO | | |
| Number: | 90724Q460 | Diameter: | 0 mm |
| Report: | 04-11-2022 | Length: | 597 mm |
| Meas.-no.: | 01 | Width: | 597 mm |
| Lamp type: | LED 830 - 01 | Height: | 30 mm |
| Number: | 1 | Power: | 23,94 W |
| Lamp flux: | 3540,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 04/11/2022 10:06:08 | Output ratio: | 83,8 % |

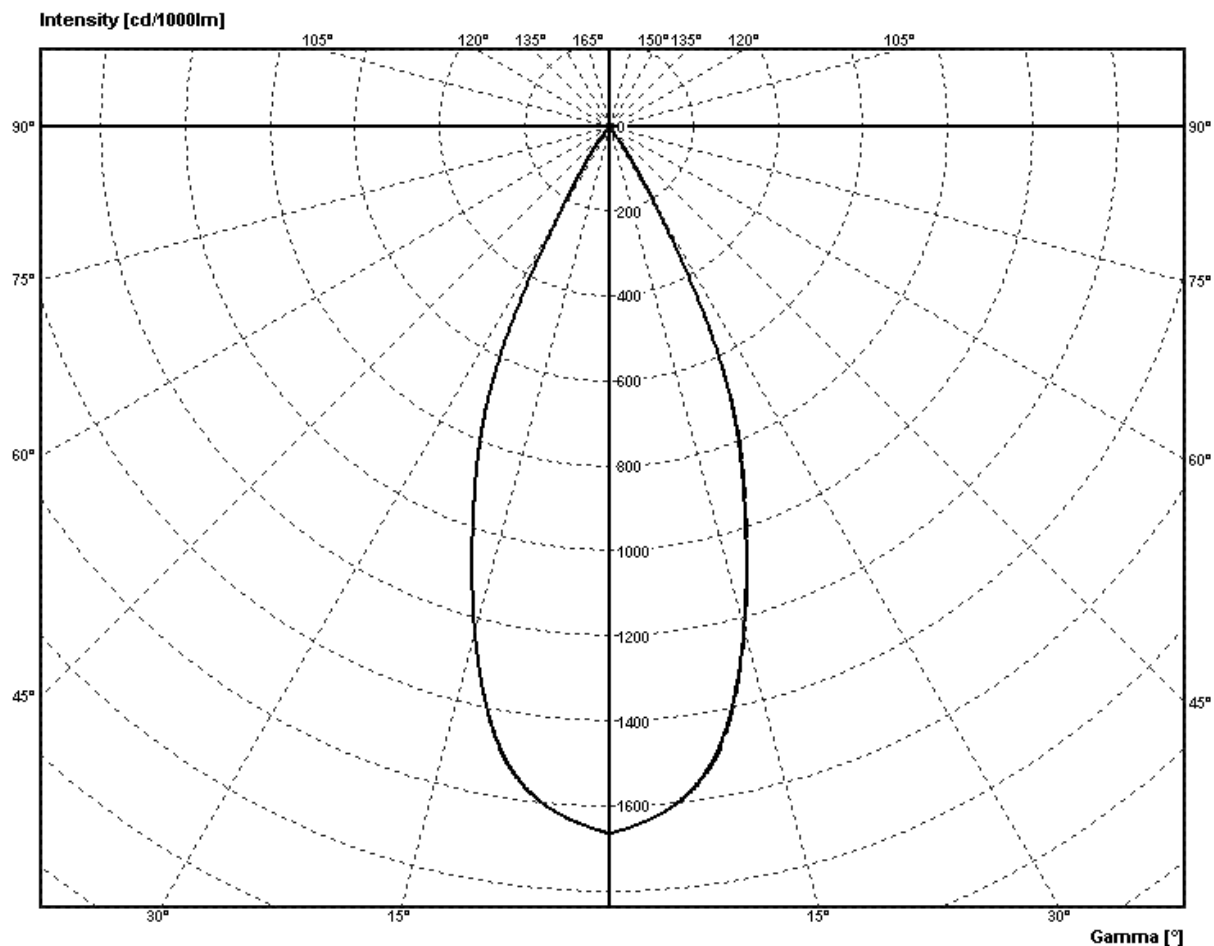
Info

| | | | | | | | | | | |
|---|---------------------------|--------|--------|--------|--------|------------|--------|----------|--------|--------|
| LiTG-class: | A60 | | | | | | | | | |
| UTE-class: | Not available | | | | | | | | | |
| IES-class: | 99 - 100 - 100 - 100 - 84 | | | | | | | | | |
| TM5-class: | BZ1 | | | | | | | | | |
| | | | | | | | | | | |
| Divergences in the plane through maximum intensity: | | | | | | Horizontal | | Vertical | | |
| One half peak divergence: | | | | | | 43,6° | | 43,4° | | |
| Half peak side angle (left): | | | | | | -21,6° | | -21,5° | | |
| Half peak side angle (right): | | | | | | 22,0° | | 21,9° | | |
| One tenth peak divergence: | | | | | | 65,2° | | 64,7° | | |
| Tenth peak side angle (left): | | | | | | -32,7° | | -32,1° | | |
| Tenth peak side angle (right): | | | | | | 32,5° | | 32,7° | | |
| | | | | | | | | | | |
| 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 CORA L60W60 4 BOPTICS 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 | 2,4 | 3,1 | 2,8 | 3,5 | 3,8 | 2,7 | 3,4 | 3,1 | 3,7 |
| 2H | 3H | 2,2 | 2,8 | 2,6 | 3,1 | 3,5 | 2,5 | 3,1 | 2,8 | 3,4 |
| 2H | 4H | 2,0 | 2,6 | 2,4 | 3,0 | 3,4 | 2,3 | 2,9 | 2,7 | 3,3 |
| 2H | 6H | 1,9 | 2,5 | 2,3 | 2,9 | 3,3 | 2,2 | 2,8 | 2,6 | 3,1 |
| 2H | 8H | 1,8 | 2,4 | 2,3 | 2,8 | 3,2 | 2,1 | 2,7 | 2,6 | 3,0 |
| 2H | 12H | 1,8 | 2,3 | 2,2 | 2,7 | 3,1 | 2,1 | 2,6 | 2,5 | 3,0 |
| 4H | 2H | 2,0 | 2,6 | 2,4 | 3,0 | 3,4 | 2,3 | 2,9 | 2,7 | 3,3 |
| 4H | 3H | 1,7 | 2,2 | 2,2 | 2,6 | 3,1 | 2,0 | 2,5 | 2,5 | 2,9 |
| 4H | 4H | 1,6 | 2,1 | 2,1 | 2,5 | 3,0 | 1,9 | 2,4 | 2,4 | 2,8 |
| 4H | 6H | 1,5 | 1,9 | 2,0 | 2,3 | 2,8 | 1,8 | 2,2 | 2,2 | 2,6 |
| 4H | 8H | 1,4 | 1,8 | 1,9 | 2,2 | 2,7 | 1,7 | 2,1 | 2,2 | 2,5 |
| 4H | 12H | 1,3 | 1,7 | 1,8 | 2,1 | 2,7 | 1,6 | 2,0 | 2,1 | 2,4 |
| 8H | 4H | 1,4 | 1,7 | 1,9 | 2,2 | 2,7 | 1,7 | 2,0 | 2,2 | 2,5 |
| 8H | 6H | 1,2 | 1,5 | 1,7 | 2,0 | 2,5 | 1,5 | 1,8 | 2,0 | 2,3 |
| 8H | 8H | 1,2 | 1,4 | 1,7 | 2,0 | 2,5 | 1,5 | 1,7 | 2,0 | 2,3 |
| 8H | 12H | 1,1 | 1,3 | 1,7 | 1,8 | 2,4 | 1,4 | 1,6 | 1,9 | 2,1 |
| 12H | 4H | 1,3 | 1,7 | 1,8 | 2,1 | 2,6 | 1,6 | 2,0 | 2,1 | 2,4 |
| 12H | 6H | 1,2 | 1,4 | 1,7 | 2,0 | 2,5 | 1,5 | 1,7 | 2,0 | 2,3 |
| 12H | 8H | 1,1 | 1,3 | 1,6 | 1,8 | 2,4 | 1,4 | 1,6 | 1,9 | 2,1 |

UGR values are corrected for lamp flux of 3540 lm by 4,4

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Luminance [cd/m²] CORA L60W60 4 BOPTICS 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 | 36,89 | 41,22 | 53,17 | 69,41 | 64,03 | 49,89 | 45,55 | 49,89 | 64,03 |
| 50,00 | 21,48 | 21,48 | 27,45 | 32,21 | 29,85 | 26,25 | 26,25 | 26,25 | 29,85 |
| 55,00 | 10,70 | 12,03 | 16,05 | 20,06 | 20,07 | 16,04 | 16,04 | 16,04 | 20,07 |
| 60,00 | 6,14 | 6,14 | 12,28 | 12,27 | 12,28 | 12,27 | 9,20 | 12,27 | 12,28 |
| 65,00 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 |
| 70,00 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 |
| 75,00 | 11,86 | 11,85 | 11,86 | 11,85 | 11,86 | 11,85 | 11,85 | 11,85 | 11,86 |
| 80,00 | 17,67 | 17,67 | 17,67 | 17,67 | 17,68 | 17,66 | 17,67 | 17,66 | 17,68 |
| 85,00 | 35,21 | 35,20 | 35,21 | 35,20 | 35,22 | 35,19 | 35,20 | 35,19 | 35,22 |

| | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G/C [cd] | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
| 45,00 | 69,41 | 53,17 | 41,22 | 36,89 | 41,22 | 53,17 | 69,41 | 64,03 | 49,89 |
| 50,00 | 32,21 | 27,45 | 21,48 | 21,48 | 21,48 | 27,45 | 32,21 | 29,85 | 26,25 |
| 55,00 | 20,06 | 16,05 | 12,03 | 10,70 | 12,03 | 16,05 | 20,06 | 20,07 | 16,04 |
| 60,00 | 12,27 | 12,28 | 6,14 | 6,14 | 6,14 | 12,28 | 12,27 | 12,28 | 12,27 |
| 65,00 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 |
| 70,00 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 |
| 75,00 | 11,85 | 11,86 | 11,85 | 11,86 | 11,85 | 11,86 | 11,85 | 11,86 | 11,85 |
| 80,00 | 17,67 | 17,67 | 17,67 | 17,67 | 17,67 | 17,67 | 17,67 | 17,68 | 17,66 |
| 85,00 | 35,20 | 35,21 | 35,20 | 35,21 | 35,20 | 35,21 | 35,20 | 35,22 | 35,19 |

| | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|
| G/C [cd] | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
| 45,00 | 45,55 | 49,89 | 64,03 | 69,41 | 53,17 | 41,22 |
| 50,00 | 26,25 | 26,25 | 29,85 | 32,21 | 27,45 | 21,48 |
| 55,00 | 16,04 | 16,04 | 20,07 | 20,06 | 16,05 | 12,03 |
| 60,00 | 9,20 | 12,27 | 12,28 | 12,27 | 12,28 | 6,14 |
| 65,00 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 | 7,26 |
| 70,00 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 | 8,97 |
| 75,00 | 11,85 | 11,85 | 11,86 | 11,85 | 11,86 | 11,85 |
| 80,00 | 17,67 | 17,66 | 17,68 | 17,67 | 17,67 | 17,67 |
| 85,00 | 35,20 | 35,19 | 35,22 | 35,20 | 35,21 | 35,20 |