

PHOTOMETRIC RESULTS

| | | | |
|-------------------|-------------------------------|----------------------|-----------------|
| Name: | WEBB 1 L195W195 PB 930 60° LO | | |
| Number: | 90563L001 | Diameter: | 0 mm |
| Report: | 13-10-2021 | Length: | 195 mm |
| Meas.-no.: | 01 | Width: | 195 mm |
| Lamp type: | LED 930 - 01 | Height: | 88 mm |
| Number: | 1 | Power: | 10,03 W |
| Lamp flux: | 1249,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 03/11/2021 11:26:47 | Output ratio: | 85,1 % |

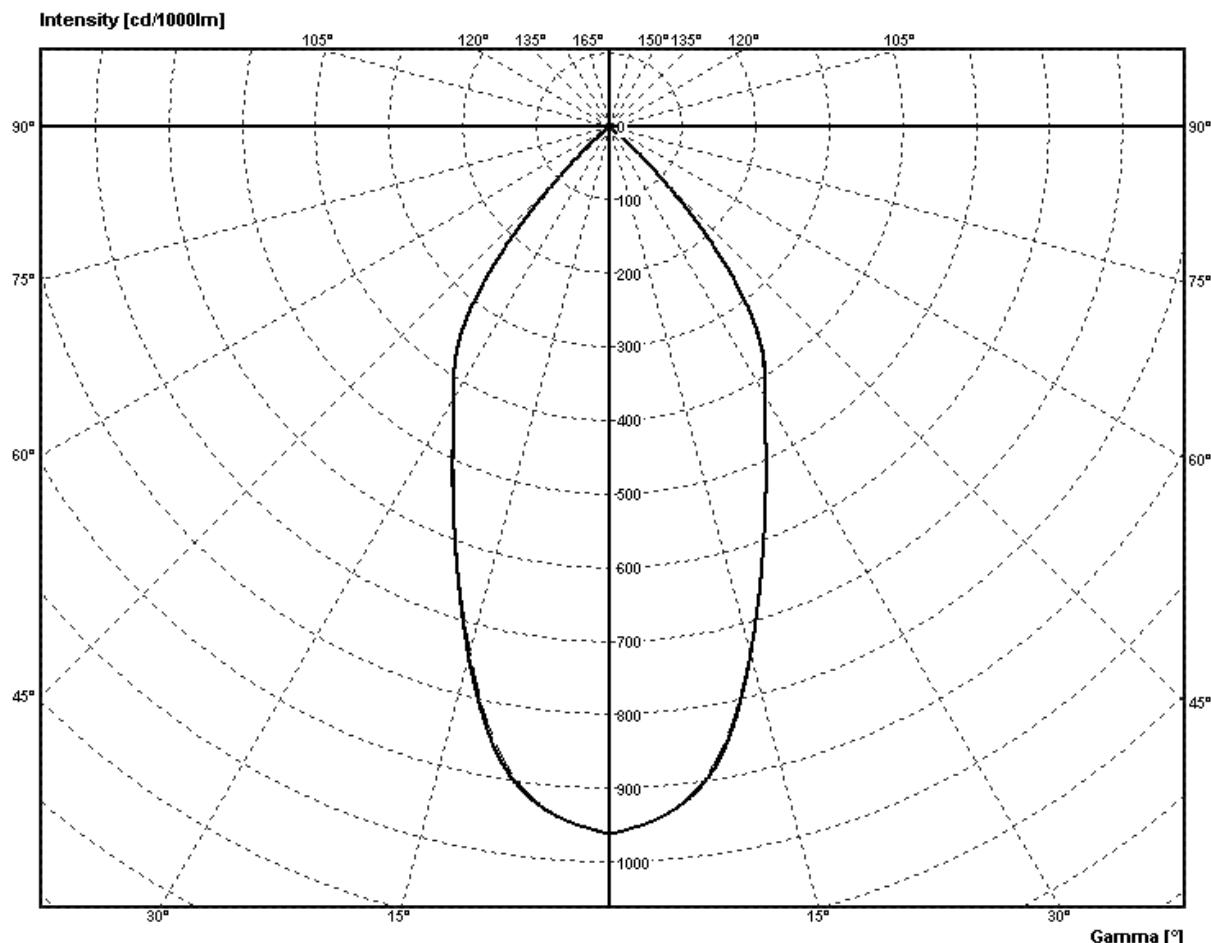
Info

| | | | | | | | | | | |
|---|---------------------------|--------|--------|--------|--------|------------|--------|----------|--------|--------|
| LiTG-class: | A60 | | | | | | | | | |
| UTE-class: | 0,85 A | | | | | | | | | |
| IES-class: | 90 - 100 - 100 - 100 - 85 | | | | | | | | | |
| TM5-class: | BZ1 | | | | | | | | | |
| | | | | | | | | | | |
| Divergences in the plane through maximum intensity: | | | | | | Horizontal | | Vertical | | |
| One half peak divergence: | | | | | | 52,9° | | 52,8° | | |
| Half peak side angle (left): | | | | | | -26,4° | | -25,6° | | |
| Half peak side angle (right): | | | | | | 26,4° | | 27,3° | | |
| One tenth peak divergence: | | | | | | 91,8° | | 91,6° | | |
| Tenth peak side angle (left): | | | | | | -46,1° | | -44,9° | | |
| Tenth peak side angle (right): | | | | | | 45,7° | | 46,7° | | |
| | | | | | | | | | | |
| 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 WEBB 1 L195W195 PB 930 60° 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 | 21,9 | 23,0 | 22,2 | 23,3 | 23,6 | 21,9 | 22,9 | 22,2 | 23,3 | 23,6 |
| 2H | 3H | 21,7 | 22,6 | 22,1 | 23,0 | 23,3 | 21,7 | 22,6 | 22,1 | 23,0 | 23,3 |
| 2H | 4H | 21,6 | 22,5 | 22,0 | 22,8 | 23,2 | 21,6 | 22,5 | 22,0 | 22,8 | 23,2 |
| 2H | 6H | 21,5 | 22,3 | 21,9 | 22,7 | 23,1 | 21,5 | 22,3 | 21,9 | 22,7 | 23,1 |
| 2H | 8H | 21,4 | 22,2 | 21,9 | 22,6 | 23,0 | 21,4 | 22,2 | 21,9 | 22,6 | 23,0 |
| 2H | 12H | 21,4 | 22,1 | 21,8 | 22,5 | 22,9 | 21,4 | 22,1 | 21,8 | 22,5 | 22,9 |
| 4H | 2H | 21,6 | 22,5 | 22,0 | 22,8 | 23,2 | 21,6 | 22,5 | 22,0 | 22,8 | 23,2 |
| 4H | 3H | 21,4 | 22,1 | 21,8 | 22,5 | 22,9 | 21,4 | 22,1 | 21,8 | 22,5 | 22,9 |
| 4H | 4H | 21,3 | 21,9 | 21,8 | 22,4 | 22,8 | 21,3 | 21,9 | 21,7 | 22,3 | 22,8 |
| 4H | 6H | 21,2 | 21,7 | 21,6 | 22,2 | 22,6 | 21,2 | 21,7 | 21,6 | 22,2 | 22,6 |
| 4H | 8H | 21,1 | 21,6 | 21,6 | 22,1 | 22,6 | 21,1 | 21,6 | 21,6 | 22,1 | 22,5 |
| 4H | 12H | 21,1 | 21,5 | 21,6 | 22,0 | 22,5 | 21,1 | 21,5 | 21,5 | 22,0 | 22,5 |
| 8H | 4H | 21,1 | 21,6 | 21,6 | 22,1 | 22,5 | 21,1 | 21,6 | 21,6 | 22,1 | 22,5 |
| 8H | 6H | 20,9 | 21,4 | 21,5 | 21,9 | 22,4 | 20,9 | 21,4 | 21,4 | 21,8 | 22,4 |
| 8H | 8H | 20,9 | 21,3 | 21,5 | 21,8 | 22,3 | 20,9 | 21,3 | 21,5 | 21,8 | 22,3 |
| 8H | 12H | 20,9 | 21,2 | 21,4 | 21,7 | 22,2 | 20,9 | 21,2 | 21,4 | 21,7 | 22,2 |
| 12H | 4H | 21,1 | 21,5 | 21,5 | 22,0 | 22,5 | 21,1 | 21,5 | 21,5 | 22,0 | 22,5 |
| 12H | 6H | 20,9 | 21,3 | 21,5 | 21,8 | 22,3 | 20,9 | 21,3 | 21,5 | 21,8 | 22,3 |
| 12H | 8H | 20,9 | 21,2 | 21,4 | 21,7 | 22,2 | 20,9 | 21,2 | 21,4 | 21,7 | 22,2 |

UGR values are corrected for lamp flux of 1249 lm by 0,8

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Luminance [cd/m²] WEBB 1 L195W195 PB 930 60° 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 | 42380,8 | 42494,2 | 42570,7 | 42388,5 | 42058,7 | 42115,2 | 41986,4 | 42115,2 | 42058,7 |
| 50,00 | 11741,7 | 11930,7 | 12168,2 | 11815,2 | 11595,5 | 12043,2 | 12554,7 | 12043,2 | 11595,5 |
| 55,00 | 5031,22 | 4974,53 | 5558,62 | 5168,03 | 4913,58 | 5101,62 | 5421,35 | 5101,62 | 4913,58 |
| 60,00 | 591,96 | 592,81 | 593,15 | 592,81 | 593,32 | 592,64 | 592,30 | 592,64 | 593,32 |
| 65,00 | 350,17 | 350,68 | 350,88 | 350,68 | 350,98 | 350,58 | 350,37 | 350,58 | 350,98 |
| 70,00 | 432,69 | 433,32 | 433,56 | 433,31 | 433,69 | 433,19 | 432,94 | 433,19 | 433,69 |
| 75,00 | 571,79 | 572,61 | 572,94 | 572,61 | 573,10 | 572,44 | 572,11 | 572,44 | 573,10 |
| 80,00 | 852,24 | 853,46 | 853,95 | 853,46 | 854,20 | 853,22 | 852,73 | 853,22 | 854,20 |
| 85,00 | 1697,99 | 1700,43 | 1701,41 | 1700,43 | 1701,90 | 1699,94 | 1698,96 | 1699,94 | 1701,90 |

| G/C [cd] | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 45,00 | 42388,5 | 42570,7 | 42494,2 | 42380,8 | 42494,2 | 42570,7 | 42388,5 | 42058,7 | 42115,2 |
| 50,00 | 11815,2 | 12168,2 | 11930,7 | 11741,7 | 11930,7 | 12168,2 | 11815,2 | 11595,5 | 12043,2 |
| 55,00 | 5168,03 | 5558,62 | 4974,53 | 5031,22 | 4974,53 | 5558,62 | 5168,03 | 4913,58 | 5101,62 |
| 60,00 | 592,81 | 593,15 | 592,81 | 591,96 | 592,81 | 593,15 | 592,81 | 593,32 | 592,64 |
| 65,00 | 350,68 | 350,88 | 350,68 | 350,17 | 350,68 | 350,88 | 350,68 | 350,98 | 350,58 |
| 70,00 | 433,31 | 433,56 | 433,32 | 432,69 | 433,32 | 433,56 | 433,31 | 433,69 | 433,19 |
| 75,00 | 572,61 | 572,94 | 572,61 | 571,79 | 572,61 | 572,94 | 572,61 | 573,10 | 572,44 |
| 80,00 | 853,46 | 853,95 | 853,46 | 852,24 | 853,46 | 853,95 | 853,46 | 854,20 | 853,22 |
| 85,00 | 1700,43 | 1701,41 | 1700,43 | 1697,99 | 1700,43 | 1701,41 | 1700,43 | 1701,90 | 1699,94 |

| G/C [cd] | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
|----------|---------|---------|---------|---------|---------|---------|
| 45,00 | 41986,4 | 42115,2 | 42058,7 | 42388,5 | 42570,7 | 42494,2 |
| 50,00 | 12554,7 | 12043,2 | 11595,5 | 11815,2 | 12168,2 | 11930,7 |
| 55,00 | 5421,35 | 5101,62 | 4913,58 | 5168,03 | 5558,62 | 4974,53 |
| 60,00 | 592,30 | 592,64 | 593,32 | 592,81 | 593,15 | 592,81 |
| 65,00 | 350,37 | 350,58 | 350,98 | 350,68 | 350,88 | 350,68 |
| 70,00 | 432,94 | 433,19 | 433,69 | 433,31 | 433,56 | 433,32 |
| 75,00 | 572,11 | 572,44 | 573,10 | 572,61 | 572,94 | 572,61 |
| 80,00 | 852,73 | 853,22 | 854,20 | 853,46 | 853,95 | 853,46 |
| 85,00 | 1698,96 | 1699,94 | 1701,90 | 1700,43 | 1701,41 | 1700,43 |