

PHOTOMETRIC RESULTS

| | | | |
|-------------------|-----------------------------------|----------------------|-----------------|
| Name: | WEBB SPOT /C 1 D080 PB 930 60° HO | | |
| Number: | 90660L001 | Diameter: | 95 mm |
| Report: | 04-01-2021 | Length: | 0 mm |
| Meas.-no.: | 01 | Width: | 0 mm |
| Lamp type: | LED 930 - 01 | Height: | 162 mm |
| Number: | 1 | Power: | 14,21 W |
| Lamp flux: | 1674,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 04/01/2022 12:39:45 | Output ratio: | 88,8 % |

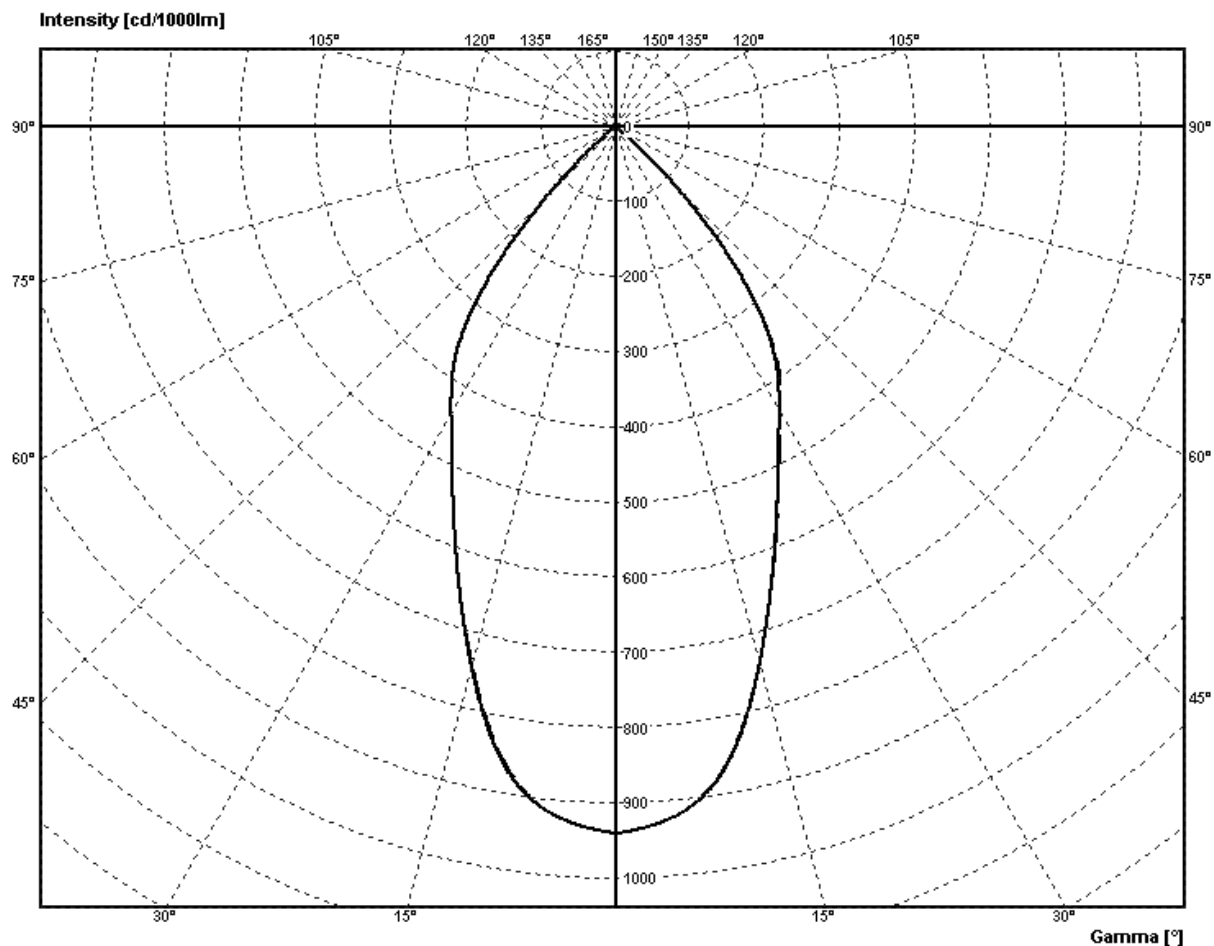
Info

| | | | | | | | | | | |
|--|---------------------------|--------|--------|--------|--------|------------|--------|----------|--------|--------|
| LiTG-class: | A60 | | | | | | | | | |
| UTE-class: | 0,88 A | | | | | | | | | |
| IES-class: | 88 - 100 - 100 - 100 - 88 | | | | | | | | | |
| TM5-class: | BZ1 | | | | | | | | | |
| | | | | | | | | | | |
| Divergences in the plane through maximum intensity: | | | | | | Horizontal | | Vertical | | |
| One half peak divergence: | | | | | | 55,9° | | 55,5° | | |
| Half peak side angle (left): | | | | | | -27,8° | | -29,4° | | |
| Half peak side angle (right): | | | | | | 28,2° | | 26,2° | | |
| One tenth peak divergence: | | | | | | 93,7° | | 93,0° | | |
| Tenth peak side angle (left): | | | | | | -46,4° | | -48,0° | | |
| Tenth peak side angle (right): | | | | | | 47,3° | | 44,9° | | |
| | | | | | | | | | | |
| 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° | |

PHOTOMETRIC RESULTS

| | | | |
|------------|-----------------------------------|---------------|-----------------|
| Name: | WEBB SPOT /C 1 D080 PB 930 60° HO | | |
| Number: | 90660L001 | Diameter: | 95 mm |
| Report: | 04-01-2021 | Length: | 0 mm |
| Meas.-no.: | 01 | Width: | 0 mm |
| Lamp type: | LED 930 - 01 | Height: | 162 mm |
| Number: | 1 | Power: | 14,21 W |
| Lamp flux: | 1674,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 04/01/2022 12:39:45 | Output ratio: | 88,8 % |

Polar diagram WEBB SPOT /C 1 D080 PB 930 60° HO / Direct in 15° C / 5° G



PHOTOMETRIC RESULTS

| | | | | |
|-------------------|-----------------------------------|----------------------|-----------------|--|
| Name: | WEBB SPOT /C 1 D080 PB 930 60° HO | | | |
| Number: | 90660L001 | Diameter: | 95 mm | |
| Report: | 04-01-2021 | Length: | 0 mm | |
| Meas.-no.: | 01 | Width: | 0 mm | |
| Lamp type: | LED 930 - 01 | Height: | 162 mm | |
| Number: | 1 | Power: | 14,21 W | |
| Lamp flux: | 1674,00 lm | Operator: | INDELAGUE GROUP | |
| Date: | 04/01/2022 12:39:45 | Output ratio: | 88,8 % | |

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 | 23,3 | 24,4 | 23,7 | 24,7 | 25,0 | 23,3 | 24,4 | 23,7 | 24,7 | 25,0 |
| 2H | 3H | 23,1 | 24,1 | 23,5 | 24,4 | 24,8 | 23,1 | 24,1 | 23,5 | 24,4 | 24,8 |
| 2H | 4H | 23,0 | 23,9 | 23,4 | 24,3 | 24,7 | 23,0 | 23,9 | 23,4 | 24,3 | 24,6 |
| 2H | 6H | 23,0 | 23,8 | 23,4 | 24,2 | 24,6 | 22,9 | 23,7 | 23,4 | 24,1 | 24,5 |
| 2H | 8H | 22,9 | 23,7 | 23,3 | 24,1 | 24,5 | 22,9 | 23,6 | 23,3 | 24,0 | 24,4 |
| 2H | 12H | 22,8 | 23,6 | 23,2 | 24,0 | 24,4 | 22,8 | 23,5 | 23,2 | 23,9 | 24,3 |
| 4H | 2H | 23,1 | 23,9 | 23,5 | 24,3 | 24,7 | 23,0 | 23,9 | 23,4 | 24,3 | 24,6 |
| 4H | 3H | 22,8 | 23,6 | 23,3 | 24,0 | 24,4 | 22,8 | 23,5 | 23,2 | 23,9 | 24,4 |
| 4H | 4H | 22,8 | 23,4 | 23,2 | 23,8 | 24,3 | 22,7 | 23,4 | 23,2 | 23,8 | 24,2 |
| 4H | 6H | 22,6 | 23,2 | 23,1 | 23,6 | 24,1 | 22,6 | 23,2 | 23,1 | 23,6 | 24,1 |
| 4H | 8H | 22,6 | 23,1 | 23,0 | 23,5 | 24,0 | 22,5 | 23,1 | 23,0 | 23,5 | 24,0 |
| 4H | 12H | 22,5 | 23,0 | 23,0 | 23,5 | 24,0 | 22,5 | 23,0 | 23,0 | 23,4 | 23,9 |
| 8H | 4H | 22,6 | 23,1 | 23,0 | 23,5 | 24,0 | 22,5 | 23,1 | 23,0 | 23,5 | 24,0 |
| 8H | 6H | 22,4 | 22,8 | 22,9 | 23,3 | 23,8 | 22,4 | 22,8 | 22,9 | 23,3 | 23,8 |
| 8H | 8H | 22,4 | 22,8 | 22,9 | 23,3 | 23,8 | 22,4 | 22,7 | 22,9 | 23,3 | 23,8 |
| 8H | 12H | 22,3 | 22,6 | 22,9 | 23,1 | 23,7 | 22,3 | 22,6 | 22,8 | 23,1 | 23,6 |
| 12H | 4H | 22,5 | 23,0 | 23,0 | 23,4 | 24,0 | 22,5 | 23,0 | 23,0 | 23,4 | 23,9 |
| 12H | 6H | 22,4 | 22,8 | 22,9 | 23,3 | 23,8 | 22,4 | 22,7 | 22,9 | 23,3 | 23,8 |
| 12H | 8H | 22,3 | 22,6 | 22,9 | 23,1 | 23,7 | 22,3 | 22,6 | 22,8 | 23,1 | 23,6 |

UGR values are corrected for lamp flux of 1674 lm by 1,8

PHOTOMETRIC RESULTS

| | | | |
|-------------------|-----------------------------------|----------------------|------------------|
| Name: | WEBB SPOT /C 1 D080 PB 930 60° HO | | |
| Number: | 90660L001 | Diameter: | 95 mm |
| Report: | 04-01-2021 | Length: | 0 mm |
| Meas.-no.: | 01 | Width: | 0 mm |
| Lamp type: | LED 930 - 01 | Height: | 162 mm |
| Number: | 1 | Power: | 14,21 W |
| Lamp flux: | 1674,00 lm | Operator: | INDEL AGUE GROUP |
| Date: | 04/01/2022 12:39:45 | Output ratio: | 88,8 % |

Luminance [cd/m²] WEBB SPOT /C 1 D080 PB 930 60° 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 | 65992,4 | 66866,9 | 67785,9 | 67023,1 | 66495,8 | 66194,1 | 66556,6 | 66194,1 | 66495,8 |
| 50,00 | 19903,4 | 21867,6 | 25591,5 | 22652,7 | 20446,1 | 18334,8 | 18217,6 | 18334,8 | 20446,1 |
| 55,00 | 10185,5 | 11331,3 | 11238,8 | 10899,5 | 10703,3 | 11321,8 | 11887,7 | 11321,8 | 10703,3 |
| 60,00 | 3401,80 | 2766,64 | 4046,49 | 3593,11 | 2696,33 | 2101,57 | 1778,75 | 2101,57 | 2696,33 |
| 65,00 | 524,96 | 530,19 | 620,64 | 531,48 | 443,01 | 443,96 | 350,74 | 443,96 | 443,01 |
| 70,00 | 432,44 | 436,76 | 438,30 | 437,81 | 437,81 | 438,98 | 433,39 | 438,98 | 437,81 |
| 75,00 | 571,46 | 577,16 | 579,20 | 578,55 | 578,55 | 580,10 | 572,71 | 580,10 | 578,55 |
| 80,00 | 851,75 | 860,24 | 863,28 | 862,32 | 862,32 | 864,62 | 853,62 | 864,62 | 862,32 |
| 85,00 | 1697,01 | 1713,94 | 1719,99 | 1718,08 | 1718,08 | 1722,67 | 1700,73 | 1722,67 | 1718,08 |

| G/C [cd] | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 45,00 | 67023,1 | 67785,9 | 66866,9 | 65992,4 | 66866,9 | 67785,9 | 67023,1 | 66495,8 | 66194,1 |
| 50,00 | 22652,7 | 25591,5 | 21867,6 | 19903,4 | 21867,6 | 25591,5 | 22652,7 | 20446,1 | 18334,8 |
| 55,00 | 10899,5 | 11238,8 | 11331,3 | 10185,5 | 11331,3 | 11238,8 | 10899,5 | 10703,3 | 11321,8 |
| 60,00 | 3593,11 | 4046,49 | 2766,64 | 3401,80 | 2766,64 | 4046,49 | 3593,11 | 2696,33 | 2101,57 |
| 65,00 | 531,48 | 620,64 | 530,19 | 524,96 | 530,19 | 620,64 | 531,48 | 443,01 | 443,96 |
| 70,00 | 437,81 | 438,30 | 436,76 | 432,44 | 436,76 | 438,30 | 437,81 | 437,81 | 438,98 |
| 75,00 | 578,55 | 579,20 | 577,16 | 571,46 | 577,16 | 579,20 | 578,55 | 578,55 | 580,10 |
| 80,00 | 862,32 | 863,28 | 860,24 | 851,75 | 860,24 | 863,28 | 862,32 | 862,32 | 864,62 |
| 85,00 | 1718,08 | 1719,99 | 1713,94 | 1697,01 | 1713,94 | 1719,99 | 1718,08 | 1718,08 | 1722,67 |

| G/C [cd] | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
|----------|---------|---------|---------|---------|---------|---------|
| 45,00 | 66556,6 | 66194,1 | 66495,8 | 67023,1 | 67785,9 | 66866,9 |
| 50,00 | 18217,6 | 18334,8 | 20446,1 | 22652,7 | 25591,5 | 21867,6 |
| 55,00 | 11887,7 | 11321,8 | 10703,3 | 10899,5 | 11238,8 | 11331,3 |
| 60,00 | 1778,75 | 2101,57 | 2696,33 | 3593,11 | 4046,49 | 2766,64 |
| 65,00 | 350,74 | 443,96 | 443,01 | 531,48 | 620,64 | 530,19 |
| 70,00 | 433,39 | 438,98 | 437,81 | 437,81 | 438,30 | 436,76 |
| 75,00 | 572,71 | 580,10 | 578,55 | 578,55 | 579,20 | 577,16 |
| 80,00 | 853,62 | 864,62 | 862,32 | 862,32 | 863,28 | 860,24 |
| 85,00 | 1700,73 | 1722,67 | 1718,08 | 1718,08 | 1719,99 | 1713,94 |