

PHOTOMETRIC RESULTS

| | | | |
|-------------------|------------------------|----------------------|-----------------|
| Name: | ELI SQ /E 2 PB 930 35° | | |
| Number: | 90655L002 | Diameter: | 0 mm |
| Report: | 13-10-2021 | Length: | 107,5 mm |
| Meas.-no.: | 01 | Width: | 115 mm |
| Lamp type: | LED 930 - 01 | Height: | 107 mm |
| Number: | 1 | Power: | 10,11 W |
| Lamp flux: | 1249,00 lm | Operator: | INDELAGUE GROUP |
| Date: | 03/11/2021 12:42:50 | Output ratio: | 85,0 % |

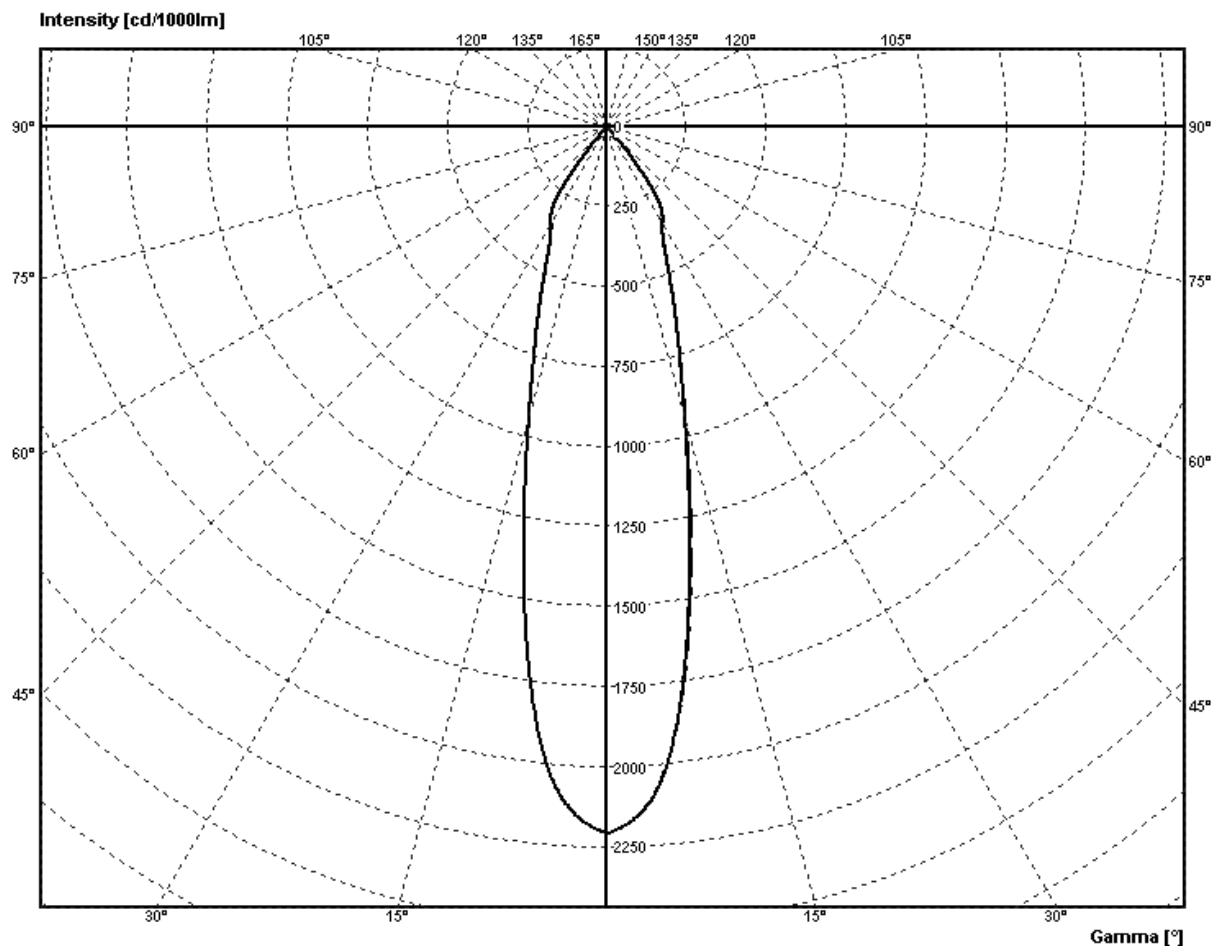
Info

| | | | | | | | | | | |
|---|---------------------------|--------|--------|--------|--------|------------|--------|----------|--------|--------|
| LiTG-class: | A60 | | | | | | | | | |
| UTE-class: | Not available | | | | | | | | | |
| IES-class: | 97 - 100 - 100 - 100 - 85 | | | | | | | | | |
| TM5-class: | BZ1 | | | | | | | | | |
| | | | | | | | | | | |
| Divergences in the plane through maximum intensity: | | | | | | Horizontal | | Vertical | | |
| One half peak divergence: | | | | | | 27,2° | | 27,0° | | |
| Half peak side angle (left): | | | | | | -12,9° | | -12,8° | | |
| Half peak side angle (right): | | | | | | 14,3° | | 14,2° | | |
| One tenth peak divergence: | | | | | | 73,3° | | 73,5° | | |
| Tenth peak side angle (left): | | | | | | -35,9° | | -36,3° | | |
| Tenth peak side angle (right): | | | | | | 37,4° | | 37,2° | | |
| | | | | | | | | | | |
| 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 ELI SQ /E 2 PB 930 35° / 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 | 18,5 | 19,4 | 18,9 | 19,7 | 20,0 | 18,5 | 19,4 | 18,9 | 19,7 | 20,0 |
| 2H | 3H | 18,3 | 19,1 | 18,7 | 19,4 | 19,8 | 18,3 | 19,0 | 18,7 | 19,4 | 19,7 |
| 2H | 4H | 18,2 | 18,9 | 18,6 | 19,3 | 19,6 | 18,2 | 18,9 | 18,6 | 19,2 | 19,6 |
| 2H | 6H | 18,1 | 18,8 | 18,5 | 19,1 | 19,5 | 18,1 | 18,7 | 18,5 | 19,1 | 19,5 |
| 2H | 8H | 18,0 | 18,7 | 18,4 | 19,0 | 19,4 | 18,0 | 18,6 | 18,4 | 19,0 | 19,4 |
| 2H | 12H | 18,0 | 18,5 | 18,4 | 18,9 | 19,4 | 17,9 | 18,5 | 18,3 | 18,9 | 19,3 |
| 4H | 2H | 18,2 | 18,9 | 18,6 | 19,3 | 19,6 | 18,2 | 18,9 | 18,6 | 19,2 | 19,6 |
| 4H | 3H | 17,9 | 18,5 | 18,4 | 18,9 | 19,4 | 17,9 | 18,5 | 18,3 | 18,9 | 19,3 |
| 4H | 4H | 17,9 | 18,4 | 18,3 | 18,8 | 19,2 | 17,8 | 18,3 | 18,2 | 18,7 | 19,2 |
| 4H | 6H | 17,7 | 18,2 | 18,2 | 18,6 | 19,1 | 17,6 | 18,1 | 18,1 | 18,6 | 19,0 |
| 4H | 8H | 17,6 | 18,1 | 18,1 | 18,5 | 19,0 | 17,6 | 18,0 | 18,1 | 18,5 | 18,9 |
| 4H | 12H | 17,6 | 18,0 | 18,1 | 18,4 | 19,0 | 17,5 | 17,9 | 18,0 | 18,4 | 18,9 |
| 8H | 4H | 17,6 | 18,0 | 18,1 | 18,5 | 19,0 | 17,6 | 18,0 | 18,1 | 18,5 | 18,9 |
| 8H | 6H | 17,4 | 17,8 | 18,0 | 18,3 | 18,8 | 17,4 | 17,8 | 17,9 | 18,2 | 18,7 |
| 8H | 8H | 17,4 | 17,7 | 18,0 | 18,3 | 18,8 | 17,4 | 17,7 | 17,9 | 18,2 | 18,7 |
| 8H | 12H | 17,4 | 17,6 | 17,9 | 18,1 | 18,7 | 17,3 | 17,6 | 17,9 | 18,1 | 18,6 |
| 12H | 4H | 17,6 | 18,0 | 18,1 | 18,4 | 18,9 | 17,5 | 17,9 | 18,0 | 18,4 | 18,9 |
| 12H | 6H | 17,4 | 17,7 | 18,0 | 18,2 | 18,7 | 17,4 | 17,7 | 17,9 | 18,2 | 18,7 |
| 12H | 8H | 17,4 | 17,6 | 17,9 | 18,1 | 18,6 | 17,3 | 17,5 | 17,8 | 18,1 | 18,6 |

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

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| Lamp flux: | 1249,00 lm | Operator: | INDEL AGUE GROUP |
| Date: | 03/11/2021 12:42:50 | Output ratio: | 85,0 % |

Luminance [cd/m²] ELI SQ /E 2 PB 930 35° / 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 | 6275,04 | 6235,00 | 6188,68 | 6177,98 | 6403,55 | 6543,85 | 6700,08 | 6543,85 | 6403,55 |
| 50,00 | 1610,69 | 1498,64 | 1500,14 | 1497,63 | 1616,87 | 1612,54 | 1612,30 | 1612,54 | 1616,87 |
| 55,00 | 773,59 | 839,83 | 840,69 | 839,17 | 905,92 | 903,54 | 903,42 | 903,54 | 905,92 |
| 60,00 | 591,62 | 518,59 | 445,05 | 444,27 | 445,38 | 444,21 | 444,16 | 444,21 | 445,38 |
| 65,00 | 349,97 | 350,67 | 351,03 | 350,41 | 351,29 | 350,37 | 350,32 | 350,37 | 351,29 |
| 70,00 | 432,44 | 433,31 | 433,75 | 432,98 | 434,07 | 432,93 | 432,88 | 432,93 | 434,07 |
| 75,00 | 571,46 | 429,24 | 429,63 | 572,17 | 430,06 | 429,02 | 572,03 | 429,02 | 430,06 |
| 80,00 | 851,75 | 853,46 | 640,36 | 639,40 | 641,00 | 639,45 | 852,60 | 639,45 | 641,00 |
| 85,00 | 1697,01 | 1700,42 | 1275,85 | 1699,14 | 1277,12 | 1274,03 | 1698,71 | 1274,03 | 1277,12 |

| G/C [cd] | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 45,00 | 6177,98 | 6188,68 | 6235,00 | 6275,04 | 6235,00 | 6188,68 | 6177,98 | 6403,55 | 6543,85 |
| 50,00 | 1497,63 | 1500,14 | 1498,64 | 1610,69 | 1498,64 | 1500,14 | 1497,63 | 1616,87 | 1612,54 |
| 55,00 | 839,17 | 840,69 | 839,83 | 773,59 | 839,83 | 840,69 | 839,17 | 905,92 | 903,54 |
| 60,00 | 444,27 | 445,05 | 518,59 | 591,62 | 518,59 | 445,05 | 444,27 | 445,38 | 444,21 |
| 65,00 | 350,41 | 351,03 | 350,67 | 349,97 | 350,67 | 351,03 | 350,41 | 351,29 | 350,37 |
| 70,00 | 432,98 | 433,75 | 433,31 | 432,44 | 433,31 | 433,75 | 432,98 | 434,07 | 432,93 |
| 75,00 | 572,17 | 429,63 | 429,24 | 571,46 | 429,24 | 429,63 | 572,17 | 430,06 | 429,02 |
| 80,00 | 639,40 | 640,36 | 853,46 | 851,75 | 853,46 | 640,36 | 639,40 | 641,00 | 639,45 |
| 85,00 | 1699,14 | 1275,85 | 1700,42 | 1697,01 | 1700,42 | 1275,85 | 1699,14 | 1277,12 | 1274,03 |

| G/C [cd] | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
|----------|---------|---------|---------|---------|---------|---------|
| 45,00 | 6700,08 | 6543,85 | 6403,55 | 6177,98 | 6188,68 | 6235,00 |
| 50,00 | 1612,30 | 1612,54 | 1616,87 | 1497,63 | 1500,14 | 1498,64 |
| 55,00 | 903,42 | 903,54 | 905,92 | 839,17 | 840,69 | 839,83 |
| 60,00 | 444,16 | 444,21 | 445,38 | 444,27 | 445,05 | 518,59 |
| 65,00 | 350,32 | 350,37 | 351,29 | 350,41 | 351,03 | 350,67 |
| 70,00 | 432,88 | 432,93 | 434,07 | 432,98 | 433,75 | 433,31 |
| 75,00 | 572,03 | 429,02 | 430,06 | 572,17 | 429,63 | 429,24 |
| 80,00 | 852,60 | 639,45 | 641,00 | 639,40 | 640,36 | 853,46 |
| 85,00 | 1698,71 | 1274,03 | 1277,12 | 1699,14 | 1275,85 | 1700,42 |