

PHOTOMETRIC RESULTS

| | | | |
|-------------------|-------------------------------------|----------------------|------------------|
| Name: | TALEA Line L1430 bLINE HF 840 W END | | |
| Number: | 01 | Diameter: | 0 mm |
| Report: | 24-01-2019 | Length: | 1430 mm |
| Meas.-no.: | 01 | Width: | 100 mm |
| Lamp type: | LED 840 - 01 | Height: | 100 mm |
| Number: | 1 | Power: | 43,47 W |
| Lamp flux: | 6640,00 lm | Operator: | INDEL AGUE GROUP |
| Date: | 24-01-2019 10:59:26 | Output ratio: | 80,7 % |

Protocol

LiTG-class: B31
UTE-class: 0,62 H + 0,19 T
IES-class: 35 - 62 - 84 - 77 - 81
TM5-class: BZ10/0.75/BZ6

| | | |
|--|------------|----------|
| Divergences in the plane through maximum intensity: | Horizontal | Vertical |
| One half peak divergence | 104,4° | 203,6° |
| Half peak side angle (left) | -54,3° | -101,8° |
| Half peak side angle (right) | 50,1° | 101,8° |
| One tenth peak divergence | 158,5° | 314,2° |
| Tenth peak side angle (left) | -81,3° | -157,1° |
| Tenth peak side angle (right) | 77,2° | 157,1° |

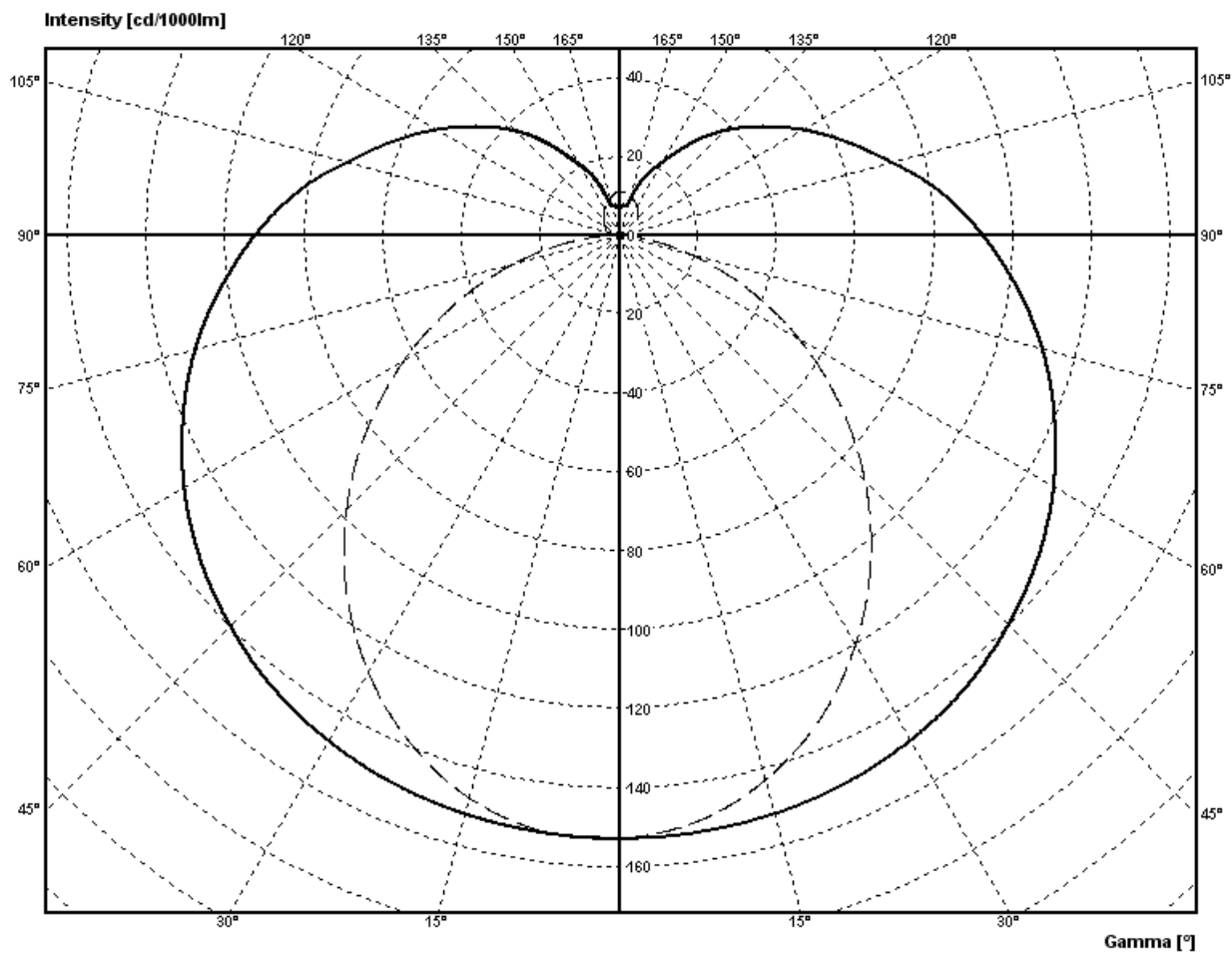
| | | | | | | | | | | |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| C-planes: | 0,0° | 15,0° | 30,0° | 45,0° | 60,0° | 75,0° | 90,0° | 105,0° | 120,0° | 135,0° |
| | 150,0° | 165,0° | 180,0° | 195,0° | 210,0° | 225,0° | 240,0° | 255,0° | 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° | 95,0° |
| | 100,0° | 105,0° | 110,0° | 115,0° | 120,0° | 125,0° | 130,0° | 135,0° | 140,0° | 145,0° |
| | 150,0° | 155,0° | 160,0° | 165,0° | 170,0° | 175,0° | 180,0° | | | |

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Polar diagram TALEA Line L1430 bLINE HF 840 W END / Total 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 | 16,2 | 17,5 | 16,9 | 18,2 | 19,1 | 14,6 | 15,9 | 15,3 | 16,6 | 17,4 |
| 2H | 3H | 18,6 | 19,8 | 19,3 | 20,5 | 21,3 | 16,0 | 17,2 | 16,7 | 17,9 | 18,8 |
| 2H | 4H | 19,8 | 20,9 | 20,5 | 21,6 | 22,5 | 16,6 | 17,7 | 17,3 | 18,5 | 19,3 |
| 2H | 6H | 21,0 | 22,0 | 21,7 | 22,8 | 23,7 | 17,0 | 18,1 | 17,7 | 18,8 | 19,7 |
| 2H | 8H | 21,5 | 22,5 | 22,2 | 23,3 | 24,2 | 17,1 | 18,2 | 17,8 | 18,9 | 19,8 |
| 2H | 12H | 22,0 | 23,0 | 22,7 | 23,8 | 24,7 | 17,2 | 18,2 | 17,9 | 19,0 | 19,9 |
| 4H | 2H | 16,9 | 18,0 | 17,6 | 18,7 | 19,6 | 15,6 | 16,8 | 16,3 | 17,5 | 18,4 |
| 4H | 3H | 19,4 | 20,4 | 20,2 | 21,2 | 22,1 | 17,3 | 18,3 | 18,0 | 19,1 | 20,0 |
| 4H | 4H | 20,9 | 21,8 | 21,6 | 22,5 | 23,4 | 18,1 | 19,0 | 18,8 | 19,8 | 20,7 |
| 4H | 6H | 22,2 | 23,0 | 23,0 | 23,8 | 24,7 | 18,6 | 19,5 | 19,4 | 20,3 | 21,2 |
| 4H | 8H | 22,9 | 23,7 | 23,6 | 24,4 | 25,4 | 18,9 | 19,6 | 19,6 | 20,4 | 21,3 |
| 4H | 12H | 23,6 | 24,3 | 24,3 | 25,1 | 26,0 | 19,0 | 19,8 | 19,8 | 20,5 | 21,5 |
| 8H | 4H | 21,2 | 22,0 | 22,0 | 22,8 | 23,7 | 18,9 | 19,7 | 19,7 | 20,5 | 21,4 |
| 8H | 6H | 22,8 | 23,5 | 23,6 | 24,2 | 25,2 | 19,7 | 20,4 | 20,5 | 21,2 | 22,2 |
| 8H | 8H | 23,7 | 24,3 | 24,5 | 25,1 | 26,0 | 20,2 | 20,8 | 21,0 | 21,6 | 22,5 |
| 8H | 12H | 24,5 | 25,0 | 25,3 | 25,9 | 26,8 | 20,5 | 21,0 | 21,2 | 21,8 | 22,8 |
| 12H | 4H | 21,2 | 22,0 | 22,0 | 22,7 | 23,7 | 19,1 | 19,9 | 19,9 | 20,6 | 21,6 |
| 12H | 6H | 22,9 | 23,5 | 23,7 | 24,3 | 25,3 | 20,2 | 20,8 | 21,0 | 21,6 | 22,5 |
| 12H | 8H | 23,8 | 24,4 | 24,6 | 25,2 | 26,1 | 20,7 | 21,2 | 21,4 | 22,0 | 23,0 |

UGR values are corrected for lamp flux of 6640 lm by 6,6

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Luminance [cd/m²] TALEA Line L1430 bLINE HF 840 W END / Total 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 | 4593,26 | 4589,34 | 4561,85 | 4533,53 | 4663,95 | 5003,67 | 5422,82 | 5003,67 | 4663,95 |
| 50,00 | 4492,45 | 4481,76 | 4425,59 | 4360,86 | 4433,50 | 4721,08 | 5117,47 | 4721,08 | 4433,50 |
| 55,00 | 4409,05 | 4392,84 | 4310,93 | 4207,02 | 4215,26 | 4426,77 | 4771,21 | 4426,77 | 4215,26 |
| 60,00 | 4339,56 | 4320,79 | 4217,59 | 4071,02 | 4023,75 | 4142,75 | 4390,65 | 4142,75 | 4023,75 |
| 65,00 | 4280,68 | 4267,93 | 4140,22 | 3950,32 | 3835,84 | 3837,91 | 3925,27 | 3837,91 | 3835,84 |
| 70,00 | 4247,93 | 4228,00 | 4083,61 | 3861,06 | 3667,94 | 3524,92 | 3368,79 | 3524,92 | 3667,94 |
| 75,00 | 4228,47 | 4206,29 | 4049,91 | 3789,92 | 3533,29 | 3239,63 | 2735,93 | 3239,63 | 3533,29 |
| 80,00 | 4224,28 | 4209,74 | 4044,96 | 3757,90 | 3445,20 | 2953,19 | 2000,49 | 2953,19 | 3445,20 |
| 85,00 | 4242,76 | 4234,34 | 4065,06 | 3771,65 | 3418,06 | 2834,26 | 1298,62 | 2834,26 | 3418,06 |

| G/C [cd/ | 135,00 | 150,00 | 165,00 | 180,00 | 195,00 | 210,00 | 225,00 | 240,00 | 255,00 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 45,00 | 4533,53 | 4561,85 | 4589,34 | 4593,26 | 4501,28 | 4417,55 | 4359,91 | 4340,86 | 4613,20 |
| 50,00 | 4360,86 | 4425,59 | 4481,76 | 4492,45 | 4379,43 | 4269,16 | 4174,53 | 4094,20 | 4289,18 |
| 55,00 | 4207,02 | 4310,93 | 4392,84 | 4409,05 | 4282,23 | 4144,56 | 4008,04 | 3865,36 | 3971,12 |
| 60,00 | 4071,02 | 4217,59 | 4320,79 | 4339,56 | 4193,60 | 4037,68 | 3865,48 | 3654,60 | 3643,88 |
| 65,00 | 3950,32 | 4140,22 | 4267,93 | 4280,68 | 4127,88 | 3946,51 | 3733,90 | 3447,57 | 3297,83 |
| 70,00 | 3861,06 | 4083,61 | 4228,00 | 4247,93 | 4069,29 | 3873,52 | 3633,27 | 3277,14 | 2960,49 |
| 75,00 | 3789,92 | 4049,91 | 4206,29 | 4228,47 | 4038,04 | 3826,59 | 3559,78 | 3139,35 | 2631,41 |
| 80,00 | 3757,90 | 4044,96 | 4209,74 | 4224,28 | 4021,09 | 3802,72 | 3517,93 | 3050,89 | 2375,29 |
| 85,00 | 3771,65 | 4065,06 | 4234,34 | 4242,76 | 4027,84 | 3806,53 | 3518,09 | 3023,67 | 2216,84 |

| G/C [cd/ | 270,00 | 285,00 | 300,00 | 315,00 | 330,00 | 345,00 |
|----------|---------|---------|---------|---------|---------|---------|
| 45,00 | 6019,65 | 4613,20 | 4340,86 | 4359,91 | 4417,55 | 4501,28 |
| 50,00 | 5786,78 | 4289,18 | 4094,20 | 4174,53 | 4269,16 | 4379,43 |
| 55,00 | 5517,68 | 3971,12 | 3865,36 | 4008,04 | 4144,56 | 4282,23 |
| 60,00 | 5230,67 | 3643,88 | 3654,60 | 3865,48 | 4037,68 | 4193,60 |
| 65,00 | 4874,12 | 3297,83 | 3447,57 | 3733,90 | 3946,51 | 4127,88 |
| 70,00 | 4475,84 | 2960,49 | 3277,14 | 3633,27 | 3873,52 | 4069,29 |
| 75,00 | 3970,08 | 2631,41 | 3139,35 | 3559,78 | 3826,59 | 4038,04 |
| 80,00 | 3360,82 | 2375,29 | 3050,89 | 3517,93 | 3802,72 | 4021,09 |
| 85,00 | 2628,15 | 2216,84 | 3023,67 | 3518,09 | 3806,53 | 4027,84 |

HEADQUARTERS

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