

OliNo Energy BV

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### TDE-lighttech Moodspot 2700K TW1000 13 degrees / UGR-Table

Luminaire: TDE-lighttech Moodspot 2700K TW1000 13 degrees  
 Lamps: 1 x LED

| <b>Glare Evaluation According to UGR</b>                         |             |   |      |      |      |             |  |      |      |      |      |
|--|-------------|---|------|------|------|-------------|--|------|------|------|------|
| ρ Ceiling  | 70          | 70  | 50   | 50   | 30   | 70          | 70   | 50   | 50   | 30   |      |
| ρ Walls  | 50          | 30  | 50   | 30   | 30   | 50          | 30   | 50   | 30   | 30   |      |
| ρ Floor  | 20          | 20  | 20   | 20   | 20   | 20          | 20   | 20   | 20   | 20   |      |
| Room Size<br>X      Y  |             | Viewing direction at right angles<br>to lamp axis |      |      |      |             | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H   | 2H          | 9.4   | 10.1 | 9.7  | 10.3 | 10.5        | 9.4  | 10.1 | 9.7  | 10.3 | 10.5 |
|  | 3H          | 11.1  | 11.7 | 11.4 | 12.0 | 12.2        | 11.1                                       | 11.7 | 11.4 | 12.0 | 12.2 |
|  | 4H          | 11.6  | 12.2 | 11.9 | 12.5 | 12.7        | 11.6                                       | 12.2 | 11.9 | 12.5 | 12.7 |
|  | 6H          | 12.0  | 12.5 | 12.3 | 12.8 | 13.1        | 12.0                                       | 12.5 | 12.3 | 12.8 | 13.1 |
|  | 8H          | 12.1  | 12.6 | 12.4 | 12.9 | 13.2        | 12.1                                       | 12.6 | 12.4 | 12.9 | 13.2 |
|  | 12H         | 12.1  | 12.6 | 12.4 | 12.9 | 13.2        | 12.1                                       | 12.6 | 12.4 | 12.9 | 13.2 |
| 4H   | 2H          | 10.0  | 10.6 | 10.3 | 10.8 | 11.1        | 10.0                                       | 10.6 | 10.3 | 10.8 | 11.1 |
|  | 3H          | 11.9  | 12.4 | 12.2 | 12.7 | 13.0        | 11.9                                       | 12.4 | 12.2 | 12.7 | 13.0 |
|  | 4H          | 12.5  | 12.9 | 12.9 | 13.3 | 13.6        | 12.5                                       | 12.9 | 12.9 | 13.3 | 13.6 |
|  | 6H          | 12.9  | 13.3 | 13.3 | 13.7 | 14.0        | 12.9                                       | 13.3 | 13.3 | 13.7 | 14.0 |
|  | 8H          | 13.1  | 13.4 | 13.5 | 13.8 | 14.2        | 13.1                                       | 13.4 | 13.5 | 13.8 | 14.2 |
|  | 12H         | 13.1  | 13.4 | 13.6 | 13.8 | 14.2        | 13.1                                       | 13.4 | 13.6 | 13.8 | 14.2 |
| 8H   | 4H          | 12.7  | 13.1 | 13.2 | 13.4 | 13.8        | 12.7                                       | 13.1 | 13.2 | 13.4 | 13.8 |
|  | 6H          | 13.3  | 13.5 | 13.7 | 13.9 | 14.4        | 13.3                                       | 13.5 | 13.7 | 13.9 | 14.4 |
|  | 8H          | 13.4  | 13.6 | 13.9 | 14.1 | 14.5        | 13.4                                       | 13.6 | 13.9 | 14.1 | 14.5 |
|  | 12H         | 13.5  | 13.7 | 14.0 | 14.1 | 14.6        | 13.5                                       | 13.7 | 14.0 | 14.1 | 14.6 |
| 12H  | 4H          | 12.7  | 13.0 | 13.2 | 13.4 | 13.8        | 12.7                                       | 13.0 | 13.2 | 13.4 | 13.8 |
|  | 6H          | 13.3  | 13.5 | 13.8 | 13.9 | 14.4        | 13.3                                       | 13.5 | 13.8 | 13.9 | 14.4 |
|  | 8H          | 13.5  | 13.6 | 14.0 | 14.1 | 14.6        | 13.5                                       | 13.6 | 14.0 | 14.1 | 14.6 |
| Variation of the observer position for the luminaire distances S |             |   |      |      |      |             |  |      |      |      |      |
| S = 1.0H   | +1.1 / -0.7 |   |      |      |      | +1.1 / -0.7 |  |      |      |      |      |
| S = 1.5H   | +2.3 / -1.1 |   |      |      |      | +2.3 / -1.1 |  |      |      |      |      |
| S = 2.0H   | +3.7 / -1.4 |   |      |      |      | +3.7 / -1.4 |  |      |      |      |      |
| Standard table   | BK03        |   |      |      |      | BK03        |  |      |      |      |      |
| Correction<br>Summand  | -3.0        |   |      |      |      | -3.0        |  |      |      |      |      |
| Corrected Glare Indices referring to 826lm Total Luminous Flux   |             |   |      |      |      |             |  |      |      |      |      |

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.