

OliNo Energy BV

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## CDE Technology 001 Power Wall Light Warm White / UGR-Table

Luminaire: CDE Technology 001 Power Wall Light Warm White  
 Lamps: 1 x LED

| <b>Glare Evaluation According to UGR</b>                         |     |   |      |      |      |      |  |      |      |      |      |
|--|-----|---|------|------|------|------|--|------|------|------|------|
| $\rho$ Ceiling   |     | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |
| $\rho$ Walls   |     | 50  | 30   | 50   | 30   | 30   | 50   | 30   | 50   | 30   | 30   |
| $\rho$ 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  | 14.9  | 16.2 | 15.3 | 16.6 | 16.9 | 14.9                                       | 16.2 | 15.3 | 16.6 | 16.9 |
|  | 3H  | 16.5  | 17.7 | 16.9 | 18.1 | 18.5 | 16.5                                       | 17.7 | 16.9 | 18.1 | 18.5 |
|  | 4H  | 17.1  | 18.2 | 17.5 | 18.6 | 19.0 | 17.1                                       | 18.2 | 17.5 | 18.6 | 19.0 |
|  | 6H  | 17.5  | 18.5 | 17.9 | 18.9 | 19.4 | 17.5                                       | 18.5 | 17.9 | 18.9 | 19.4 |
|  | 8H  | 17.6  | 18.6 | 18.1 | 19.0 | 19.5 | 17.6                                       | 18.6 | 18.1 | 19.0 | 19.5 |
|  | 12H | 17.7  | 18.7 | 18.2 | 19.1 | 19.6 | 17.7                                       | 18.7 | 18.2 | 19.1 | 19.6 |
| 4H   | 2H  | 15.4  | 16.5 | 15.9 | 16.9 | 17.4 | 15.4                                       | 16.5 | 15.9 | 16.9 | 17.4 |
|  | 3H  | 17.2  | 18.2 | 17.7 | 18.6 | 19.1 | 17.2                                       | 18.2 | 17.7 | 18.6 | 19.1 |
|  | 4H  | 17.9  | 18.7 | 18.4 | 19.2 | 19.7 | 17.9                                       | 18.7 | 18.4 | 19.2 | 19.7 |
|  | 6H  | 18.4  | 19.2 | 18.9 | 19.7 | 20.2 | 18.4                                       | 19.2 | 18.9 | 19.7 | 20.2 |
|  | 8H  | 18.6  | 19.3 | 19.2 | 19.8 | 20.4 | 18.6                                       | 19.3 | 19.2 | 19.8 | 20.4 |
|  | 12H | 18.8  | 19.4 | 19.3 | 20.0 | 20.5 | 18.8                                       | 19.4 | 19.3 | 20.0 | 20.5 |
| 8H   | 4H  | 18.1  | 18.8 | 18.7 | 19.3 | 19.9 | 18.1                                       | 18.8 | 18.7 | 19.3 | 19.9 |
|  | 6H  | 18.8  | 19.4 | 19.4 | 19.9 | 20.5 | 18.8                                       | 19.4 | 19.4 | 19.9 | 20.5 |
|  | 8H  | 19.1  | 19.6 | 19.7 | 20.2 | 20.8 | 19.1                                       | 19.6 | 19.7 | 20.2 | 20.8 |
|  | 12H | 19.4  | 19.8 | 20.0 | 20.4 | 21.0 | 19.4                                       | 19.8 | 20.0 | 20.4 | 21.0 |
| 12H  | 4H  | 18.1  | 18.8 | 18.7 | 19.3 | 19.9 | 18.1                                       | 18.8 | 18.7 | 19.3 | 19.9 |
|  | 6H  | 18.8  | 19.4 | 19.4 | 19.9 | 20.5 | 18.8                                       | 19.4 | 19.4 | 19.9 | 20.5 |
|  | 8H  | 19.2  | 19.6 | 19.8 | 20.2 | 20.8 | 19.2                                       | 19.6 | 19.8 | 20.2 | 20.8 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +0.1 / -0.1                                       |      |      |      |      | +0.1 / -0.1                                |      |      |      |      |
| S = 1.5H   |     | +0.3 / -0.3                                       |      |      |      |      | +0.3 / -0.3                                |      |      |      |      |
| S = 2.0H   |     | +0.5 / -0.7                                       |      |      |      |      | +0.5 / -0.7                                |      |      |      |      |
| Standard table   |     | BK06  |      |      |      |      | BK06                                       |      |      |      |      |
| Correction<br>Summand  |     | 7.7   |      |      |      |      | 7.7  |      |      |      |      |
| Corrected Glare Indices referring to 215lm Total Luminous Flux   |     |   |      |      |      |      |  |      |      |      |      |

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