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Eco Solutions Nederland BV Ecosol downlight Probe 25 Watt / UGR-Table

Luminaire: Eco Solutions Nederland BV Ecosol downlight Probe 25 Watt
Lamps: 1 x LED

| Glare Evaluation According to UGR | | | | | | | | | | | |
|--|--------------|---|------|------|------|--------------|--|------|------|------|------|
| 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 X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 16.9 | 17.6 | 17.1 | 17.8 | 18.0 | 16.9 | 17.6 | 17.1 | 17.8 | 18.0 |
| | 3H | 16.8 | 17.4 | 17.0 | 17.6 | 17.8 | 16.8 | 17.4 | 17.0 | 17.6 | 17.8 |
| | 4H | 16.7 | 17.3 | 17.0 | 17.5 | 17.8 | 16.7 | 17.3 | 17.0 | 17.5 | 17.8 |
| | 6H | 16.6 | 17.2 | 16.9 | 17.4 | 17.7 | 16.6 | 17.2 | 16.9 | 17.4 | 17.7 |
| | 8H | 16.6 | 17.1 | 16.9 | 17.4 | 17.7 | 16.6 | 17.1 | 16.9 | 17.4 | 17.7 |
| | 12H | 16.5 | 17.0 | 16.9 | 17.3 | 17.6 | 16.5 | 17.0 | 16.9 | 17.3 | 17.6 |
| 4H | 2H | 16.7 | 17.3 | 17.0 | 17.5 | 17.8 | 16.7 | 17.3 | 17.0 | 17.5 | 17.8 |
| | 3H | 16.5 | 17.0 | 16.9 | 17.3 | 17.6 | 16.5 | 17.0 | 16.9 | 17.3 | 17.6 |
| | 4H | 16.5 | 16.9 | 16.8 | 17.2 | 17.6 | 16.5 | 16.9 | 16.8 | 17.2 | 17.6 |
| | 6H | 16.4 | 16.7 | 16.8 | 17.1 | 17.5 | 16.4 | 16.7 | 16.8 | 17.1 | 17.5 |
| | 8H | 16.4 | 16.7 | 16.8 | 17.0 | 17.4 | 16.4 | 16.7 | 16.8 | 17.0 | 17.4 |
| | 12H | 16.3 | 16.6 | 16.7 | 17.0 | 17.4 | 16.3 | 16.6 | 16.7 | 17.0 | 17.4 |
| 8H | 4H | 16.4 | 16.7 | 16.8 | 17.0 | 17.4 | 16.4 | 16.7 | 16.8 | 17.0 | 17.4 |
| | 6H | 16.3 | 16.5 | 16.7 | 16.9 | 17.4 | 16.3 | 16.5 | 16.7 | 16.9 | 17.4 |
| | 8H | 16.2 | 16.4 | 16.7 | 16.9 | 17.3 | 16.2 | 16.4 | 16.7 | 16.9 | 17.3 |
| | 12H | 16.2 | 16.3 | 16.7 | 16.8 | 17.3 | 16.2 | 16.3 | 16.7 | 16.8 | 17.3 |
| 12H | 4H | 16.3 | 16.6 | 16.7 | 17.0 | 17.4 | 16.3 | 16.6 | 16.7 | 17.0 | 17.4 |
| | 6H | 16.2 | 16.4 | 16.7 | 16.9 | 17.3 | 16.2 | 16.4 | 16.7 | 16.9 | 17.3 |
| | 8H | 16.2 | 16.3 | 16.7 | 16.8 | 17.3 | 16.2 | 16.3 | 16.7 | 16.8 | 17.3 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +4.4 / -37.2 | | | | | +4.4 / -37.2 | | | | | |
| S = 1.5H | +7.2 / -42.7 | | | | | +7.2 / -42.7 | | | | | |
| S = 2.0H | +9.2 / -94.5 | | | | | +9.2 / -94.5 | | | | | |
| Standard table | BK00 | | | | | BK00 | | | | | |
| Correction Summand | -1.8 | | | | | -1.8 | | | | | |
| Corrected Glare Indices referring to 2289lm Total Luminous Flux | | | | | | | | | | | |

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 0.25.