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LED's Light Pro 800187 LED PANEL SQUARE 32W 4000K 600x600 3520LM UGR19 / UGR-Table

Luminaire: LED's Light Pro 800187 LED PANEL SQUARE 32W 4000K 600x600 3520LM UGR19
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 | 16.8 | 18.0 | 17.1 | 18.2 | 18.5 | 15.4 | 16.6 | 15.7 | 16.9 | 17.1 |
| | 3H | 17.6 | 18.7 | 17.9 | 19.0 | 19.2 | 16.3 | 17.4 | 16.6 | 17.7 | 17.9 |
| | 4H | 18.0 | 19.0 | 18.3 | 19.3 | 19.5 | 16.8 | 17.8 | 17.1 | 18.0 | 18.3 |
| | 6H | 18.2 | 19.2 | 18.6 | 19.5 | 19.8 | 17.1 | 18.1 | 17.5 | 18.4 | 18.7 |
| | 8H | 18.3 | 19.2 | 18.7 | 19.5 | 19.8 | 17.3 | 18.2 | 17.6 | 18.5 | 18.8 |
| | 12H | 18.4 | 19.3 | 18.8 | 19.6 | 19.9 | 17.4 | 18.3 | 17.8 | 18.6 | 18.9 |
| 4H | 2H | 17.1 | 18.1 | 17.4 | 18.4 | 18.6 | 15.9 | 16.9 | 16.2 | 17.2 | 17.5 |
| | 3H | 18.1 | 18.9 | 18.4 | 19.2 | 19.6 | 17.0 | 17.8 | 17.3 | 18.2 | 18.5 |
| | 4H | 18.5 | 19.3 | 18.9 | 19.6 | 20.0 | 17.6 | 18.3 | 18.0 | 18.7 | 19.0 |
| | 6H | 19.0 | 19.6 | 19.4 | 20.0 | 20.4 | 18.1 | 18.8 | 18.5 | 19.2 | 19.6 |
| | 8H | 19.1 | 19.7 | 19.6 | 20.1 | 20.5 | 18.4 | 19.0 | 18.8 | 19.4 | 19.8 |
| | 12H | 19.3 | 19.8 | 19.7 | 20.2 | 20.7 | 18.5 | 19.1 | 19.0 | 19.5 | 19.9 |
| 8H | 4H | 18.7 | 19.3 | 19.1 | 19.7 | 20.1 | 17.8 | 18.4 | 18.2 | 18.8 | 19.2 |
| | 6H | 19.2 | 19.7 | 19.7 | 20.1 | 20.6 | 18.5 | 19.0 | 19.0 | 19.5 | 19.9 |
| | 8H | 19.5 | 19.9 | 20.0 | 20.4 | 20.8 | 18.9 | 19.3 | 19.4 | 19.8 | 20.3 |
| | 12H | 19.7 | 20.1 | 20.2 | 20.6 | 21.1 | 19.2 | 19.6 | 19.7 | 20.0 | 20.5 |
| 12H | 4H | 18.7 | 19.2 | 19.1 | 19.6 | 20.1 | 17.8 | 18.3 | 18.2 | 18.7 | 19.2 |
| | 6H | 19.3 | 19.7 | 19.8 | 20.2 | 20.6 | 18.6 | 19.0 | 19.1 | 19.5 | 20.0 |
| | 8H | 19.6 | 20.0 | 20.1 | 20.4 | 20.9 | 19.0 | 19.4 | 19.5 | 19.9 | 20.4 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +0.2 / -0.3 | | | | | +0.2 / -0.3 | | | | |
| S = 1.5H | | +0.5 / -0.9 | | | | | +0.5 / -0.8 | | | | |
| S = 2.0H | | +1.2 / -1.5 | | | | | +0.8 / -1.4 | | | | |
| Standard table | | BK04 | | | | | BK05 | | | | |
| Correction Summand | | 1.8 | | | | | 1.4 | | | | |
| Corrected Glare Indices referring to 3547lm Total Luminous Flux | | | | | | | | | | | |

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