

Operator
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Eco Solutions Nederland BV 01.01 Ecosol - Premium - Ledstraler - FLAT - 4500 - 126W - TYPE 01.01 / UGR-Table

Luminaire: Eco Solutions Nederland BV 01.01 Ecosol - Premium - Ledstraler - FLAT - 4500 - 126W - TYPE 01.01

Lamps: 118 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	28.2	29.4	28.5	29.7	29.9	28.2	29.4	28.5	29.7	29.9
	3H	29.0	30.1	29.3	30.4	30.7	29.0	30.1	29.3	30.4	30.7
	4H	29.2	30.3	29.6	30.6	30.8	29.2	30.3	29.6	30.6	30.8
	6H	29.4	30.3	29.7	30.6	30.9	29.4	30.3	29.7	30.6	30.9
	8H	29.4	30.3	29.7	30.6	30.9	29.4	30.3	29.7	30.6	30.9
	12H	29.4	30.3	29.8	30.6	30.9	29.4	30.3	29.8	30.6	30.9
4H	2H	28.7	29.7	29.0	30.0	30.2	28.7	29.7	29.0	30.0	30.2
	3H	29.6	30.5	30.0	30.8	31.1	29.6	30.5	30.0	30.8	31.1
	4H	29.9	30.7	30.3	31.0	31.4	29.9	30.7	30.3	31.0	31.4
	6H	30.1	30.8	30.5	31.1	31.5	30.1	30.8	30.5	31.1	31.5
	8H	30.2	30.8	30.6	31.2	31.6	30.2	30.8	30.6	31.2	31.6
	12H	30.2	30.7	30.6	31.1	31.6	30.2	30.7	30.6	31.1	31.6
8H	4H	30.0	30.6	30.4	31.0	31.4	30.0	30.6	30.4	31.0	31.4
	6H	30.3	30.8	30.7	31.2	31.6	30.3	30.8	30.7	31.2	31.6
	8H	30.4	30.8	30.8	31.2	31.7	30.4	30.8	30.8	31.2	31.7
	12H	30.4	30.8	30.9	31.3	31.8	30.4	30.8	30.9	31.3	31.8
12H	4H	30.0	30.5	30.4	31.0	31.4	30.0	30.5	30.4	31.0	31.4
	6H	30.3	30.7	30.7	31.1	31.6	30.3	30.7	30.7	31.1	31.6
	8H	30.4	30.8	30.9	31.2	31.7	30.4	30.8	30.9	31.2	31.7
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.2 / -0.2					+0.2 / -0.2					
S = 1.5H	+0.5 / -0.8					+0.5 / -0.8					
S = 2.0H	+1.0 / -1.6					+1.0 / -1.6					
Standard table	BK03					BK03					
Correction Summand	12.6					12.6					
Corrected Glare Indices referring to 9332lm Total Luminous Flux											

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