

Operator
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Eco Solutions Nederland BV Ecosol LED downlight 16 watt / UGR-Table

Luminaire: Eco Solutions Nederland BV Ecosol LED downlight 16 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	23.6	25.0	23.9	25.2	25.4	23.6	25.0	23.9	25.2	25.4
	3H	25.2	26.4	25.5	26.7	26.9	25.2	26.4	25.5	26.7	26.9
	4H	25.8	27.0	26.2	27.3	27.5	25.8	27.0	26.2	27.3	27.5
	6H	26.3	27.4	26.7	27.7	28.0	26.3	27.4	26.7	27.7	28.0
	8H	26.5	27.5	26.8	27.8	28.1	26.5	27.5	26.8	27.8	28.1
	12H	26.6	27.6	27.0	27.9	28.2	26.6	27.6	27.0	27.9	28.2
4H	2H	24.3	25.4	24.6	25.7	26.0	24.3	25.4	24.6	25.7	26.0
	3H	26.1	27.0	26.4	27.4	27.7	26.1	27.0	26.4	27.4	27.7
	4H	26.8	27.7	27.2	28.1	28.4	26.8	27.7	27.2	28.1	28.4
	6H	27.5	28.2	27.9	28.6	29.0	27.5	28.2	27.9	28.6	29.0
	8H	27.7	28.4	28.1	28.8	29.2	27.7	28.4	28.1	28.8	29.2
	12H	27.8	28.5	28.3	28.9	29.3	27.8	28.5	28.3	28.9	29.3
8H	4H	27.2	27.9	27.6	28.2	28.7	27.2	27.9	27.6	28.2	28.7
	6H	27.9	28.5	28.4	28.9	29.4	27.9	28.5	28.4	28.9	29.4
	8H	28.2	28.7	28.7	29.2	29.6	28.2	28.7	28.7	29.2	29.6
	12H	28.5	28.9	28.9	29.3	29.8	28.5	28.9	28.9	29.3	29.8
12H	4H	27.2	27.8	27.6	28.2	28.7	27.2	27.8	27.6	28.2	28.7
	6H	28.0	28.5	28.5	28.9	29.4	28.0	28.5	28.5	28.9	29.4
	8H	28.3	28.8	28.8	29.2	29.7	28.3	28.8	28.8	29.2	29.7
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H	+0.2 / -0.3					+0.2 / -0.3					
S = 2.0H	+0.4 / -0.6					+0.4 / -0.6					
Standard table	BK06					BK06					
Correction Summand	11.0					11.0					
Corrected Glare Indices referring to 1369lm Total Luminous Flux											

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