

Operator
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Eco Solutions Nederland BV Ecosol Ledstraler BenF 150 Watt / UGR-Table

Luminaire: Eco Solutions Nederland BV Ecosol Ledstraler BenF 150 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	32.3	33.6	32.6	33.9	34.1	32.3	33.6	32.6	33.9	34.1
	3H	33.6	34.8	33.9	35.0	35.3	33.6	34.8	33.9	35.0	35.3
	4H	34.0	35.1	34.3	35.3	35.6	34.0	35.1	34.3	35.3	35.6
	6H	34.1	35.1	34.5	35.4	35.7	34.1	35.1	34.5	35.4	35.7
	8H	34.1	35.1	34.5	35.4	35.7	34.1	35.1	34.5	35.4	35.7
	12H	34.1	35.0	34.5	35.3	35.7	34.1	35.0	34.5	35.3	35.7
4H	2H	33.0	34.1	33.3	34.3	34.6	33.0	34.1	33.3	34.3	34.6
	3H	34.4	35.3	34.7	35.6	36.0	34.4	35.3	34.7	35.6	36.0
	4H	34.8	35.6	35.2	36.0	36.4	34.8	35.6	35.2	36.0	36.4
	6H	35.0	35.7	35.4	36.1	36.5	35.0	35.7	35.4	36.1	36.5
	8H	35.0	35.7	35.5	36.1	36.5	35.0	35.7	35.5	36.1	36.5
	12H	35.0	35.6	35.5	36.0	36.5	35.0	35.6	35.5	36.0	36.5
8H	4H	35.0	35.6	35.4	36.0	36.4	35.0	35.6	35.4	36.0	36.4
	6H	35.2	35.8	35.7	36.2	36.6	35.2	35.8	35.7	36.2	36.6
	8H	35.3	35.7	35.7	36.2	36.6	35.3	35.7	35.7	36.2	36.6
	12H	35.3	35.6	35.7	36.1	36.6	35.3	35.6	35.7	36.1	36.6
12H	4H	35.0	35.6	35.4	36.0	36.4	35.0	35.6	35.4	36.0	36.4
	6H	35.2	35.7	35.7	36.1	36.6	35.2	35.7	35.7	36.1	36.6
	8H	35.3	35.7	35.8	36.1	36.6	35.3	35.7	35.8	36.1	36.6
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.2					+0.1 / -0.2				
S = 1.5H		+0.3 / -0.5					+0.3 / -0.5				
S = 2.0H		+0.7 / -1.0					+0.7 / -1.0				
Standard table		BK04					BK04				
Correction Summand		17.8					17.8				
Corrected Glare Indices referring to 18240lm Total Luminous Flux											

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