

OliNo Energy BV

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Emmelkamp BV Halo 22601 LED Downlighter Halo 22601 / UGR-Table

Luminaire: Emmelkamp BV Halo 22601 LED Downlighter Halo 22601
 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	19.2	20.2	19.5	20.5	20.7	19.2	20.2	19.5	20.5	20.7
	3H	19.2	20.1	19.5	20.4	20.6	19.2	20.1	19.5	20.4	20.6
	4H	19.2	20.0	19.5	20.3	20.5	19.2	20.0	19.5	20.3	20.5
	6H	19.1	19.9	19.4	20.1	20.4	19.1	19.9	19.4	20.1	20.4
	8H	19.1	19.8	19.4	20.1	20.4	19.1	19.8	19.4	20.1	20.4
4H	12H	19.0	19.7	19.4	20.0	20.4	19.0	19.7	19.4	20.0	20.4
	2H	19.2	20.0	19.5	20.3	20.6	19.2	20.0	19.5	20.3	20.6
	3H	19.2	19.9	19.6	20.2	20.5	19.2	19.9	19.6	20.2	20.5
	4H	19.1	19.7	19.5	20.1	20.4	19.1	19.7	19.5	20.1	20.4
	6H	19.1	19.6	19.5	20.0	20.3	19.1	19.6	19.5	20.0	20.3
8H	8H	19.0	19.5	19.5	19.9	20.3	19.0	19.5	19.5	19.9	20.3
	12H	19.0	19.4	19.4	19.8	20.3	19.0	19.4	19.4	19.8	20.3
	4H	19.0	19.5	19.4	19.9	20.3	19.0	19.5	19.4	19.9	20.3
	6H	19.0	19.3	19.4	19.8	20.2	19.0	19.3	19.4	19.8	20.2
	8H	18.9	19.3	19.4	19.7	20.2	18.9	19.3	19.4	19.7	20.2
12H	12H	18.9	19.2	19.4	19.6	20.1	18.9	19.2	19.4	19.6	20.1
	4H	19.0	19.4	19.4	19.8	20.2	19.0	19.4	19.4	19.8	20.2
	6H	18.9	19.2	19.4	19.7	20.2	18.9	19.2	19.4	19.7	20.2
8H	18.9	19.2	19.4	19.6	20.1	18.9	19.2	19.4	19.6	20.1	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.9 / -1.6					+0.9 / -1.6					
S = 1.5H	+1.9 / -5.5					+1.9 / -5.5					
S = 2.0H	+3.7 / -10.1					+3.7 / -10.1					
Standard table	BK00					BK00					
Correction Summand	4.0					4.0					
Corrected Glare Indices referring to 866lm Total Luminous Flux											

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.