

OliNo Energy BV

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TDE-lighttech Moodspot 2700K TW1000 35 degrees / UGR-Table

Luminaire: TDE-lighttech Moodspot 2700K TW1000 35 degrees
 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	13.0	13.8	13.3	14.0	14.2	13.0	13.8	13.3	14.0	14.2
	3H	14.5	15.2	14.8	15.5	15.7	14.5	15.2	14.8	15.5	15.7
	4H	15.1	15.7	15.4	16.0	16.2	15.1	15.7	15.4	16.0	16.2
	6H	15.4	16.0	15.7	16.3	16.5	15.4	16.0	15.7	16.3	16.5
	8H	15.5	16.0	15.8	16.3	16.6	15.5	16.0	15.8	16.3	16.6
	12H	15.5	16.0	15.8	16.3	16.6	15.5	16.0	15.8	16.3	16.6
4H	2H	13.5	14.2	13.8	14.4	14.7	13.5	14.2	13.8	14.4	14.7
	3H	15.3	15.8	15.6	16.1	16.4	15.3	15.8	15.6	16.1	16.4
	4H	15.9	16.4	16.3	16.7	17.0	15.9	16.4	16.3	16.7	17.0
	6H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5
	8H	16.4	16.8	16.8	17.2	17.6	16.4	16.8	16.8	17.2	17.6
	12H	16.5	16.8	16.9	17.2	17.6	16.5	16.8	16.9	17.2	17.6
8H	4H	16.1	16.5	16.5	16.8	17.2	16.1	16.5	16.5	16.8	17.2
	6H	16.6	16.9	17.1	17.3	17.8	16.6	16.9	17.1	17.3	17.8
	8H	16.8	17.0	17.3	17.5	17.9	16.8	17.0	17.3	17.5	17.9
	12H	16.9	17.0	17.3	17.5	18.0	16.9	17.0	17.3	17.5	18.0
12H	4H	16.1	16.4	16.5	16.8	17.2	16.1	16.4	16.5	16.8	17.2
	6H	16.7	16.9	17.1	17.3	17.8	16.7	16.9	17.1	17.3	17.8
	8H	16.8	17.0	17.3	17.5	18.0	16.8	17.0	17.3	17.5	18.0
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.7 / -0.5					+0.7 / -0.5					
S = 1.5H	+1.7 / -0.9					+1.7 / -0.9					
S = 2.0H	+2.8 / -1.2					+2.8 / -1.2					
Standard table	BK04					BK04					
Correction Summand	1.7					1.7					
Corrected Glare Indices referring to 550lm Total Luminous Flux											

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