

OliNo Energy BV

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## TDE-lighttech M4242 2700K Clear cover / UGR-Table

Luminaire: TDE-lighttech M4242 2700K Clear cover  
 Lamps: 1 x LED

<b>Glare Evaluation According to UGR</b>											
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	20.9	22.2	21.3	22.6	22.9	20.4	21.7	20.8	22.1	22.4
	3H	22.1	23.2	22.5	23.6	24.0	21.8	23.0	22.2	23.3	23.7
	4H	22.3	23.4	22.7	23.7	24.1	22.3	23.4	22.7	23.7	24.1
	6H	22.3	23.3	22.7	23.7	24.1	22.5	23.5	22.9	23.9	24.3
	8H	22.3	23.3	22.8	23.7	24.1	22.5	23.5	23.0	23.9	24.4
	12H	22.3	23.3	22.8	23.7	24.1	22.6	23.5	23.0	23.9	24.4
4H	2H	21.5	22.6	21.9	22.9	23.3	21.1	22.2	21.5	22.5	22.9
	3H	22.8	23.7	23.2	24.1	24.6	22.7	23.6	23.2	24.1	24.5
	4H	23.1	23.9	23.5	24.3	24.8	23.3	24.1	23.7	24.5	25.0
	6H	23.2	23.9	23.7	24.4	24.9	23.6	24.3	24.1	24.8	25.3
	8H	23.2	23.9	23.7	24.4	24.9	23.7	24.4	24.2	24.9	25.4
	12H	23.2	23.8	23.8	24.3	24.9	23.8	24.4	24.3	24.9	25.4
8H	4H	23.3	24.0	23.8	24.4	25.0	23.5	24.2	24.0	24.6	25.2
	6H	23.5	24.0	24.0	24.5	25.1	24.0	24.5	24.5	25.0	25.6
	8H	23.6	24.0	24.1	24.6	25.2	24.2	24.6	24.7	25.2	25.8
	12H	23.6	24.0	24.2	24.6	25.2	24.3	24.7	24.9	25.3	25.9
12H	4H	23.3	23.9	23.8	24.4	24.9	23.5	24.1	24.0	24.6	25.1
	6H	23.5	24.0	24.1	24.5	25.1	24.0	24.5	24.6	25.0	25.6
	8H	23.6	24.0	24.2	24.6	25.2	24.2	24.6	24.8	25.2	25.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.2					+0.1 / -0.1				
S = 1.5H		+0.3 / -0.3					+0.2 / -0.3				
S = 2.0H		+0.8 / -1.1					+0.6 / -0.8				
Standard table		BK04					BK05				
Correction Summand		8.3					9.1				
Corrected Glare Indices referring to 588lm Total Luminous Flux											

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