

OliNo Energy BV

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KLB Light Solutions 001 30000Combi Light 120CW-63W-6000K-Clear Str window / UGR-Table

Luminaire: KLB Light Solutions 001 30000Combi Light 120CW-63W-6000K-Clear Str window
 Lamps: 3 x LED TUBES

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		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y										
2H	2H	19.4	20.7	19.7	21.0	21.3	18.7	20.0	19.1	20.3	20.7
	3H	21.3	22.5	21.7	22.9	23.2	20.0	21.2	20.4	21.5	21.9
	4H	22.2	23.3	22.6	23.7	24.1	20.4	21.5	20.8	21.9	22.3
	6H	23.0	24.0	23.4	24.4	24.8	20.6	21.6	21.0	22.0	22.4
	8H	23.3	24.3	23.7	24.7	25.1	20.6	21.6	21.1	22.0	22.4
	12H	23.6	24.6	24.1	25.0	25.4	20.6	21.6	21.1	22.0	22.4
4H	2H	19.9	21.0	20.3	21.4	21.8	19.4	20.5	19.8	20.9	21.3
	3H	22.1	23.1	22.6	23.5	23.9	21.0	22.0	21.5	22.4	22.8
	4H	23.1	24.0	23.6	24.4	24.9	21.6	22.4	22.0	22.9	23.3
	6H	24.1	24.8	24.6	25.3	25.8	21.9	22.6	22.4	23.1	23.6
	8H	24.5	25.2	25.0	25.7	26.2	21.9	22.6	22.4	23.1	23.6
	12H	25.0	25.6	25.5	26.1	26.6	21.9	22.6	22.5	23.1	23.6
8H	4H	23.4	24.1	23.9	24.6	25.1	22.1	22.8	22.6	23.2	23.8
	6H	24.6	25.1	25.1	25.7	26.2	22.6	23.2	23.1	23.7	24.2
	8H	25.2	25.7	25.7	26.2	26.8	22.8	23.3	23.3	23.8	24.4
	12H	25.7	26.2	26.3	26.7	27.3	22.8	23.3	23.4	23.8	24.4
12H	4H	23.4	24.1	23.9	24.5	25.1	22.2	22.8	22.7	23.3	23.8
	6H	24.6	25.2	25.2	25.7	26.3	22.8	23.3	23.3	23.8	24.4
	8H	25.3	25.7	25.9	26.3	26.9	23.0	23.5	23.6	24.0	24.6
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					+0.3 / -0.4				
S = 2.0H		+0.3 / -0.5					+0.5 / -0.9				
Standard table		BK08					BK05				
Correction Summand		2.3					-0.8				
Corrected Glare Indices referring to 6133lm Total Luminous Flux											

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