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## TONS DG-9925RL(ZHT-C35-24D) / UGR-Table

Luminaire: TONS DG-9925RL(ZHT-C35-24D)

Lamps: 1 x LUMINUS CXM-4-30-90-36-TE60-F7-2 200mA

Glare Evaluation According to UGR											
$\rho$ Ceiling		70	70	50	50	30	70	70	50	50	30
$\rho$ Walls		50	30	50	30	30	50	30	50	30	30
$\rho$ 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	-2.1	-1.5	-1.9	-1.3	-1.1	-2.1	-1.5	-1.9	-1.3	-1.1
	3H	-2.3	-1.7	-2.0	-1.5	-1.2	-2.3	-1.7	-2.0	-1.5	-1.2
	4H	-2.3	-1.8	-2.0	-1.5	-1.3	-2.3	-1.8	-2.0	-1.5	-1.3
	6H	-2.4	-1.9	-2.1	-1.6	-1.4	-2.4	-1.9	-2.1	-1.6	-1.4
	8H	-2.4	-2.0	-2.1	-1.7	-1.4	-2.4	-2.0	-2.1	-1.7	-1.4
	12H	-2.5	-2.0	-2.1	-1.7	-1.4	-2.5	-2.0	-2.1	-1.7	-1.4
4H	2H	-2.3	-1.8	-2.0	-1.5	-1.3	-2.3	-1.8	-2.0	-1.5	-1.3
	3H	-2.5	-2.0	-2.1	-1.7	-1.4	-2.5	-2.0	-2.1	-1.7	-1.4
	4H	-2.6	-2.2	-2.2	-1.8	-1.5	-2.6	-2.2	-2.2	-1.8	-1.5
	6H	-2.6	-2.3	-2.2	-2.0	-1.6	-2.6	-2.3	-2.2	-2.0	-1.6
	8H	-2.7	-2.4	-2.3	-2.0	-1.6	-2.7	-2.4	-2.3	-2.0	-1.6
	12H	-2.7	-2.5	-2.3	-2.1	-1.7	-2.7	-2.5	-2.3	-2.1	-1.7
8H	4H	-2.7	-2.4	-2.3	-2.0	-1.6	-2.7	-2.4	-2.3	-2.0	-1.6
	6H	-2.8	-2.6	-2.3	-2.1	-1.7	-2.8	-2.6	-2.3	-2.1	-1.7
	8H	-2.8	-2.6	-2.3	-2.2	-1.7	-2.8	-2.6	-2.3	-2.2	-1.7
	12H	-2.9	-2.7	-2.4	-2.3	-1.8	-2.9	-2.7	-2.4	-2.3	-1.8
12H	4H	-2.7	-2.5	-2.3	-2.1	-1.7	-2.7	-2.5	-2.3	-2.1	-1.7
	6H	-2.8	-2.6	-2.3	-2.2	-1.7	-2.8	-2.6	-2.3	-2.2	-1.7
	8H	-2.9	-2.7	-2.4	-2.3	-1.8	-2.9	-2.7	-2.4	-2.3	-1.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+5.1 / -18.1					+5.1 / -18.1				
S = 1.5H		+7.8 / -27.7					+7.8 / -27.7				
S = 2.0H		+9.8 / -28.7					+9.8 / -28.7				
Standard table		BK00					BK00				
Correction Summand		-21.6					-21.6				
Corrected Glare Indices referring to 730lm Total Luminous Flux											

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