

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 the lamp axis					Viewing direction parallel to lamp axis				
2H	2H	22.4	23.2	22.7	23.4	23.6	22.4	23.2	22.7	23.4	23.6
2H	3H	22.6	23.2	22.9	23.5	23.7	22.6	23.2	22.9	23.5	23.7
2H	4H	22.7	23.3	23.0	23.5	23.8	22.7	23.3	23.0	23.5	23.8
2H	6H	22.7	23.3	23.0	23.6	23.9	22.7	23.3	23.0	23.6	23.9
2H	8H	22.7	23.3	23.1	23.6	23.9	22.7	23.3	23.1	23.6	23.9
2H	12H	22.7	23.2	23.1	23.5	23.9	22.7	23.2	23.1	23.5	23.9
4H	2H	22.4	23.0	22.7	23.2	23.5	22.4	23.0	22.7	23.2	23.5
4H	3H	22.6	23.1	22.9	23.4	23.7	22.6	23.1	22.9	23.4	23.7
4H	4H	22.8	23.2	23.1	23.6	23.9	22.8	23.2	23.1	23.6	23.9
4H	6H	22.9	23.3	23.3	23.7	24.0	22.9	23.3	23.3	23.7	24.0
4H	8H	22.9	23.3	23.4	23.7	24.1	22.9	23.3	23.4	23.7	24.1
4H	12H	22.9	23.2	23.4	23.6	24.1	22.9	23.2	23.4	23.6	24.1
8H	4H	22.8	23.1	23.2	23.5	23.9	22.8	23.1	23.2	23.5	23.9
8H	6H	23.0	23.2	23.4	23.7	24.1	23.0	23.2	23.4	23.7	24.1
8H	8H	23.0	23.3	23.5	23.7	24.2	23.0	23.3	23.5	23.7	24.2
8H	12H	23.1	23.2	23.5	23.7	24.2	23.1	23.2	23.5	23.7	24.2
12H	4H	22.8	23.1	23.2	23.5	23.9	22.8	23.1	23.2	23.5	23.9
12H	6H	23.0	23.2	23.4	23.6	24.1	23.0	23.2	23.4	23.6	24.1
12H	8H	23.0	23.2	23.5	23.7	24.2	23.0	23.2	23.5	23.7	24.2
Variation of the observer position for luminaire distances S											
S = 1.0H S = 1.5H S = 2.0H		+3.6 / -3.2 +6.1 / -3.5 +8.0 / -3.8					+3.6 / -3.2 +6.1 / -3.5 +8.0 / -3.8				
Standard table		BK01					BK01				
Correction Summand		4.8					4.8				

Corrected Glare Indices referring to 1735 lm Total Luminous Flux. The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 0.25.