

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	15.4	16.7	15.8	17.1	17.5	15.4	16.7	15.8	17.1	17.5	
2H	3H	17.3	18.5	17.7	18.9	19.4	17.3	18.5	17.7	18.9	19.4	
2H	4H	18.3	19.4	18.7	19.9	20.3	18.3	19.4	18.7	19.9	20.3	
2H	6H	19.2	20.3	19.7	20.7	21.2	19.2	20.3	19.7	20.7	21.2	
2H	8H	19.6	20.7	20.1	21.1	21.6	19.6	20.7	20.1	21.1	21.6	
2H	12H	20.0	21.0	20.5	21.5	22.0	20.0	21.0	20.5	21.5	22.0	
4H	2H	16.1	17.3	16.6	17.7	18.2	16.1	17.3	16.6	17.7	18.2	
4H	3H	18.3	19.3	18.8	19.7	20.3	18.3	19.3	18.8	19.7	20.3	
4H	4H	19.4	20.3	19.9	20.8	21.3	19.4	20.3	19.9	20.8	21.3	
4H	6H	20.5	21.3	21.0	21.8	22.4	20.5	21.3	21.0	21.8	22.4	
4H	8H	21.0	21.8	21.6	22.3	22.9	21.0	21.8	21.6	22.3	22.9	
4H	12H	21.5	22.2	22.1	22.7	23.4	21.5	22.2	22.1	22.7	23.4	
8H	4H	19.8	20.6	20.4	21.1	21.7	19.8	20.6	20.4	21.1	21.7	
8H	6H	21.2	21.8	21.7	22.4	23.0	21.2	21.8	21.7	22.4	23.0	
8H	8H	21.8	22.4	22.4	23.0	23.6	21.8	22.4	22.4	23.0	23.6	
8H	12H	22.5	23.0	23.1	23.6	24.3	22.5	23.0	23.1	23.6	24.3	
12H	4H	19.9	20.6	20.5	21.2	21.8	19.9	20.6	20.5	21.2	21.8	
12H	6H	21.3	21.9	21.9	22.5	23.1	21.3	21.9	21.9	22.5	23.1	
12H	8H	22.1	22.6	22.7	23.2	23.8	22.1	22.6	22.7	23.2	23.8	

Variation of the observer position for luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+0.1 / -0.1 +0.2 / -0.2 +0.3 / -0.5	+0.1 / -0.1 +0.2 / -0.2 +0.3 / -0.5
Standard table	BK09	BK09
Correction Summand	5.7	5.7

Corrected Glare Indices referring to 570 lm Total Luminous Flux. The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 0.25.