

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 lamp axis					Viewing direction parallel to lamp axis					
2H	2H	7.8	9.2	8.1	9.4	9.7	8.0	9.4	8.3	9.6	9.8
	3H	9.4	10.6	9.7	10.9	11.2	9.6	10.8	9.9	11.1	11.4
	4H	10.0	11.2	10.3	11.4	11.7	10.3	11.4	10.6	11.7	12.0
	6H	10.5	11.5	10.8	11.9	12.2	10.8	11.9	11.1	12.2	12.5
	8H	10.6	11.7	11.0	12.0	12.3	10.9	12.0	11.3	12.3	12.6
4H	12H	10.7	11.7	11.1	12.0	12.4	11.0	12.1	11.4	12.4	12.7
	2H	8.5	9.7	8.9	10.0	10.3	8.6	9.8	9.0	10.1	10.4
	3H	10.2	11.2	10.6	11.6	11.9	10.4	11.4	10.8	11.8	12.1
	4H	11.0	11.9	11.4	12.2	12.6	11.2	12.1	11.6	12.5	12.9
	6H	11.6	12.4	12.0	12.7	13.1	11.9	12.7	12.3	13.0	13.4
8H	8H	11.8	12.5	12.2	12.9	13.3	12.1	12.8	12.5	13.2	13.6
	12H	11.9	12.6	12.4	13.0	13.4	12.2	12.9	12.7	13.3	13.8
	4H	11.3	12.0	11.7	12.4	12.8	11.5	12.2	11.9	12.6	13.1
	6H	12.0	12.6	12.5	13.1	13.5	12.3	12.9	12.8	13.3	13.8
	8H	12.3	12.8	12.8	13.3	13.8	12.6	13.1	13.1	13.6	14.1
12H	12H	12.5	13.0	13.0	13.4	13.9	12.8	13.3	13.3	13.8	14.3
	4H	11.3	12.0	11.8	12.4	12.8	11.5	12.2	12.0	12.6	13.0
	6H	12.1	12.6	12.6	13.1	13.6	12.3	12.9	12.8	13.3	13.8
	8H	12.4	12.9	12.9	13.3	13.8	12.7	13.2	13.2	13.6	14.1

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	+0.2 / -0.3
S = 2.0H	+0.4 / -0.6	+0.3 / -0.6
Standard table	BK06	BK06
Correction Summand	-4.8	-4.6

Corrected glare indices referring to 19689lm Total luminous flux