

glare rating regarding UGR

p ceiling		70	70	50	50	30	70	70	50	50	30
p walls		50	30	50	30	30	50	30	50	30	30
p floor		20	20	20	20	20	20	20	20	20	20
room size		viewed crosswise					viewed endwise				
X	Y										
2H	2H	17.0	18.1	17.3	18.3	18.6	16.8	17.9	17.1	18.1	18.3
2H	3H	17.7	18.6	18.0	18.9	19.2	17.4	18.4	17.7	18.6	18.9
2H	4H	17.9	18.8	18.2	19.1	19.4	17.6	18.6	18.0	18.8	19.1
2H	6H	18.0	18.9	18.4	19.2	19.5	17.8	18.6	18.1	18.9	19.2
2H	8H	18.1	18.9	18.4	19.2	19.5	17.8	18.6	18.1	18.9	19.2
2H	12H	18.1	18.9	18.5	19.2	19.5	17.8	18.5	18.1	18.9	19.2
4H	2H	17.3	18.2	17.6	18.5	18.8	17.1	18.0	17.4	18.3	18.6
4H	3H	18.1	18.9	18.5	19.2	19.5	17.8	18.6	18.2	18.9	19.3
4H	4H	18.4	19.1	18.8	19.5	19.8	18.2	18.8	18.6	19.2	19.6
4H	6H	18.7	19.3	19.1	19.6	20.0	18.4	19.0	18.8	19.3	19.7
4H	8H	18.7	19.3	19.2	19.7	20.1	18.4	18.9	18.9	19.3	19.8
4H	12H	18.8	19.3	19.2	19.7	20.1	18.4	18.9	18.9	19.3	19.8
8H	4H	18.5	19.1	19.0	19.5	19.9	18.3	18.8	18.7	19.2	19.6
8H	6H	18.8	19.3	19.3	19.7	20.2	18.6	19.0	19.0	19.4	19.9
8H	8H	19.0	19.3	19.4	19.8	20.3	18.6	19.0	19.1	19.4	19.9
8H	12H	19.0	19.3	19.5	19.8	20.3	18.6	19.0	19.1	19.4	20.0
12H	4H	18.5	19.0	19.0	19.4	19.9	18.3	18.7	18.7	19.2	19.6
12H	6H	18.8	19.2	19.3	19.7	20.2	18.6	18.9	19.0	19.4	19.9
12H	8H	19.0	19.3	19.5	19.8	20.3	18.6	19.0	19.1	19.4	19.9
variation of observer position for luminaire distances S											
S = 1.0H		+0.4 / -0.7					+0.5 / -0.8				
S = 1.5H		+1.1 / -1.4					+1.1 / -1.4				
S = 2.0H		+2.2 / -1.9					+2.2 / -2.0				
standard table		BK03					BK03				
correction summand		1.2					0.9				
corrected glare indices based on the total luminous flux UGR diagram according to CIE 117 with SHR 0.25											