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Bought by OliNo 001 Luminaire reflector with 2x120 Philips TLD 840 / UGR-Table

Luminaire: Bought by OliNo 001 Luminaire reflector with 2x120 Philips TLD 840
Lamps: 2 x Philips TLD 120 cm 840

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	11.9	13.0	12.2	13.2	13.4	16.4	17.5	16.7	17.7	17.9
	3H	11.8	12.8	12.1	13.0	13.3	17.0	17.9	17.3	18.2	18.4
	4H	11.8	12.7	12.1	12.9	13.2	17.1	18.0	17.4	18.2	18.5
	6H	11.7	12.5	12.0	12.8	13.1	17.1	17.9	17.5	18.2	18.5
	8H	11.7	12.4	12.0	12.7	13.1	17.1	17.9	17.5	18.2	18.5
	12H	11.6	12.4	12.0	12.7	13.0	17.1	17.8	17.4	18.1	18.5
4H	2H	12.2	13.1	12.5	13.4	13.7	16.4	17.2	16.7	17.5	17.8
	3H	12.2	12.9	12.6	13.3	13.6	17.0	17.7	17.3	18.0	18.4
	4H	12.2	12.8	12.6	13.2	13.5	17.1	17.8	17.5	18.1	18.5
	6H	12.1	12.7	12.5	13.0	13.4	17.2	17.8	17.6	18.1	18.5
	8H	12.1	12.6	12.5	13.0	13.4	17.2	17.7	17.6	18.1	18.5
	12H	12.0	12.5	12.5	12.9	13.3	17.2	17.6	17.6	18.1	18.5
8H	4H	12.2	12.7	12.6	13.1	13.5	17.1	17.6	17.5	18.0	18.4
	6H	12.2	12.6	12.6	13.0	13.4	17.1	17.6	17.6	18.0	18.4
	8H	12.1	12.5	12.6	12.9	13.4	17.2	17.5	17.6	18.0	18.4
	12H	12.1	12.4	12.6	12.9	13.4	17.1	17.4	17.6	17.9	18.4
12H	4H	12.2	12.6	12.6	13.1	13.5	17.0	17.5	17.5	17.9	18.3
	6H	12.1	12.5	12.6	12.9	13.4	17.1	17.5	17.6	17.9	18.4
	8H	12.1	12.4	12.6	12.9	13.4	17.1	17.4	17.6	17.9	18.4

Variation of the observer position for the luminaire distances S		
S = 1.0H	+0.8 / -1.5	+0.4 / -0.5
S = 1.5H	+2.1 / -8.5	+0.8 / -1.7
S = 2.0H	+3.7 / -10.9	+1.8 / -3.5
Standard table	BK01	BK01
Correction Summand	-7.1	-4.9
Corrected Glare Indices referring to 3651lm Total Luminous Flux		

The UGR values have been calculates according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.