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Casablanca Leuchten GmbH FO31-LD31A Casablanca FOLLOX 3S high-voltage-LED / UGR-Table

Luminaire: Casablanca Leuchten GmbH FO31-LD31A Casablanca FOLLOX 3S high-voltage-LED
Lamps: 1 x LED

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	19.7	20.9	20.3	21.4	22.1	19.0	20.2	19.6	20.7	21.4
	3H	21.8	22.8	22.4	23.4	24.1	20.5	21.6	21.1	22.2	22.9
	4H	22.8	23.8	23.4	24.4	25.1	21.1	22.1	21.7	22.7	23.4
	6H	23.7	24.6	24.4	25.3	26.0	21.6	22.5	22.2	23.1	23.9
	8H	24.2	25.0	24.8	25.7	26.4	21.7	22.6	22.4	23.3	24.0
	12H	24.6	25.4	25.2	26.1	26.9	21.8	22.7	22.5	23.4	24.1
4H	2H	20.3	21.3	20.9	21.9	22.6	19.7	20.7	20.4	21.4	22.1
	3H	22.6	23.4	23.2	24.1	24.8	21.5	22.3	22.1	23.0	23.7
	4H	23.7	24.5	24.4	25.2	26.0	22.2	23.0	22.9	23.7	24.5
	6H	24.9	25.5	25.6	26.2	27.1	22.8	23.5	23.5	24.2	25.0
	8H	25.4	26.0	26.1	26.7	27.6	23.0	23.7	23.8	24.4	25.2
	12H	25.9	26.5	26.7	27.2	28.1	23.2	23.8	23.9	24.5	25.4
8H	4H	24.0	24.6	24.7	25.4	26.2	22.7	23.4	23.5	24.1	24.9
	6H	25.4	25.9	26.1	26.6	27.5	23.6	24.1	24.3	24.8	25.7
	8H	26.1	26.5	26.8	27.3	28.2	23.9	24.4	24.7	25.1	26.0
	12H	26.8	27.2	27.5	28.0	28.9	24.2	24.6	25.0	25.4	26.3
12H	4H	24.0	24.6	24.8	25.3	26.2	22.8	23.4	23.6	24.1	25.0
	6H	25.5	25.9	26.2	26.7	27.6	23.8	24.2	24.5	25.0	25.9
	8H	26.2	26.6	27.0	27.4	28.3	24.2	24.6	25.0	25.4	26.3
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 / -0.2					+0.2 / -0.3					
S = 2.0H	+0.3 / -0.4					+0.3 / -0.6					
Standard table	BK09					BK07					
Correction Summand	10.4					7.7					
Corrected Glare Indices referring to 988lm Total Luminous Flux											

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 0.25.