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Lagotronics 94507048 DecaLED Downlight Wave-40L White 40W 3000°K CRI90 / UGR-Table

Luminaire: Lagotronics 94507048 DecaLED Downlight Wave-40L White 40W 3000°K CRI90
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	23.2	24.2	23.5	24.4	24.6	23.2	24.2	23.5	24.4	24.6
	3H	23.2	24.1	23.5	24.4	24.6	23.2	24.1	23.5	24.4	24.6
	4H	23.2	24.0	23.5	24.3	24.6	23.2	24.0	23.5	24.3	24.6
	6H	23.1	23.9	23.4	24.2	24.5	23.1	23.9	23.4	24.2	24.5
	8H	23.1	23.8	23.4	24.1	24.4	23.1	23.8	23.4	24.1	24.4
4H	12H	23.0	23.7	23.4	24.0	24.4	23.0	23.7	23.4	24.0	24.4
	2H	23.3	24.1	23.6	24.4	24.7	23.3	24.1	23.6	24.4	24.7
	3H	23.3	24.1	23.7	24.4	24.7	23.3	24.1	23.7	24.4	24.7
	4H	23.3	23.9	23.7	24.2	24.6	23.3	23.9	23.7	24.2	24.6
	6H	23.2	23.8	23.6	24.1	24.5	23.2	23.8	23.6	24.1	24.5
8H	8H	23.2	23.7	23.6	24.1	24.5	23.2	23.7	23.6	24.1	24.5
	12H	23.2	23.6	23.6	24.0	24.4	23.2	23.6	23.6	24.0	24.4
	4H	23.2	23.7	23.6	24.1	24.5	23.2	23.7	23.6	24.1	24.5
	6H	23.1	23.5	23.6	23.9	24.4	23.1	23.5	23.6	23.9	24.4
	8H	23.1	23.4	23.6	23.9	24.3	23.1	23.4	23.6	23.9	24.3
12H	12H	23.1	23.3	23.5	23.8	24.3	23.1	23.3	23.5	23.8	24.3
	4H	23.2	23.6	23.6	24.0	24.4	23.2	23.6	23.6	24.0	24.4
	6H	23.1	23.4	23.6	23.9	24.3	23.1	23.4	23.6	23.9	24.3
	8H	23.0	23.3	23.5	23.8	24.3	23.0	23.3	23.5	23.8	24.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.6 / -1.2					+0.6 / -1.2				
S = 1.5H		+1.5 / -3.6					+1.5 / -3.6				
S = 2.0H		+3.1 / -7.3					+3.1 / -7.3				
Standard table		BK01					BK01				
Correction Summand		5.4					5.4				
Corrected Glare Indices referring to 2598lm Total Luminous Flux											

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