

**Project 1**

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**Reliable Led 0 RelyLED no cover / UGR-Table**

Luminaire: Reliable Led 0 RelyLED no cover

Lamps: 1 x LED

<b>Glare Evaluation According to UGR</b>											
$\rho$ Ceiling		70	70	50	50	30	70	70	50	50	30
$\rho$ Walls		50	30	50	30	30	50	30	50	30	30
$\rho$ 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	28.2	29.5	28.5	29.7	30.0	28.3	29.6	28.6	29.8	30.1
	3H	29.9	31.1	30.2	31.4	31.6	30.1	31.3	30.4	31.5	31.8
	4H	30.5	31.7	30.9	32.0	32.3	30.7	31.9	31.1	32.1	32.4
	6H	31.0	32.1	31.4	32.4	32.7	31.1	32.2	31.5	32.5	32.8
	8H	31.1	32.1	31.4	32.4	32.7	31.3	32.3	31.6	32.6	32.9
	12H	31.1	32.1	31.5	32.4	32.7	31.3	32.3	31.7	32.6	33.0
4H	2H	28.8	29.9	29.1	30.2	30.5	28.8	30.0	29.2	30.3	30.6
	3H	30.7	31.7	31.1	32.0	32.3	30.9	31.8	31.2	32.2	32.5
	4H	31.5	32.3	31.9	32.7	33.1	31.6	32.5	32.0	32.9	33.2
	6H	32.1	32.8	32.5	33.2	33.6	32.2	33.0	32.6	33.3	33.7
	8H	32.2	32.9	32.6	33.3	33.7	32.4	33.1	32.8	33.4	33.9
	12H	32.2	32.9	32.7	33.3	33.7	32.5	33.1	32.9	33.5	33.9
8H	4H	31.8	32.5	32.2	32.9	33.3	31.9	32.6	32.3	33.0	33.4
	6H	32.5	33.1	33.0	33.5	34.0	32.6	33.2	33.1	33.6	34.1
	8H	32.7	33.2	33.2	33.6	34.1	32.8	33.3	33.3	33.8	34.3
	12H	32.8	33.2	33.2	33.6	34.1	33.0	33.4	33.5	33.9	34.4
12H	4H	31.8	32.4	32.3	32.8	33.3	31.9	32.6	32.4	33.0	33.4
	6H	32.6	33.1	33.0	33.5	34.0	32.7	33.2	33.2	33.6	34.1
	8H	32.8	33.2	33.3	33.7	34.2	32.9	33.4	33.4	33.8	34.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.3 / -0.4					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.7					+0.4 / -0.7				
Standard table		BK06					BK06				
Correction Summand		11.5					11.7				
Corrected Glare Indices referring to 3214lm Total Luminous Flux											

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