

Operator
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Abalight 18909 Highbay Space 160 6000 K / UGR-Table

Luminaire: Abalight 18909 Highbay Space 160 6000 K
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	30.9	32.2	31.2	32.4	32.7	30.9	32.2	31.2	32.4	32.7
	3H	32.1	33.2	32.4	33.5	33.8	32.1	33.2	32.4	33.5	33.8
	4H	32.4	33.5	32.7	33.7	34.0	32.4	33.5	32.7	33.7	34.0
	6H	32.5	33.5	32.9	33.8	34.1	32.5	33.5	32.9	33.8	34.1
	8H	32.5	33.4	32.9	33.8	34.1	32.5	33.4	32.9	33.8	34.1
	12H	32.5	33.4	32.8	33.7	34.0	32.5	33.4	32.8	33.7	34.0
4H	2H	31.5	32.6	31.8	32.9	33.1	31.5	32.6	31.8	32.9	33.1
	3H	32.8	33.7	33.2	34.0	34.4	32.8	33.7	33.2	34.0	34.4
	4H	33.2	34.0	33.6	34.3	34.7	33.2	34.0	33.6	34.3	34.7
	6H	33.4	34.0	33.8	34.4	34.8	33.4	34.0	33.8	34.4	34.8
	8H	33.4	34.0	33.8	34.4	34.8	33.4	34.0	33.8	34.4	34.8
	12H	33.3	33.9	33.8	34.3	34.8	33.3	33.9	33.8	34.3	34.8
8H	4H	33.3	34.0	33.8	34.4	34.8	33.3	34.0	33.8	34.4	34.8
	6H	33.5	34.0	34.0	34.5	34.9	33.5	34.0	34.0	34.5	34.9
	8H	33.5	34.0	34.0	34.4	34.9	33.5	34.0	34.0	34.4	34.9
	12H	33.5	33.9	34.0	34.4	34.9	33.5	33.9	34.0	34.4	34.9
12H	4H	33.3	33.9	33.8	34.3	34.7	33.3	33.9	33.8	34.3	34.7
	6H	33.5	34.0	34.0	34.4	34.9	33.5	34.0	34.0	34.4	34.9
	8H	33.5	33.9	34.0	34.4	34.9	33.5	33.9	34.0	34.4	34.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.2					+0.1 / -0.2				
S = 1.5H		+0.4 / -0.6					+0.4 / -0.6				
S = 2.0H		+0.8 / -1.2					+0.8 / -1.2				
Standard table		BK03					BK03				
Correction Summand		15.7					15.7				
Corrected Glare Indices referring to 17148lm Total Luminous Flux											

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