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## LED Specials LS1690.002 Highbay Industrial-W60 / UGR-Table

Luminaire: LED Specials LS1690.002 Highbay Industrial-W60  
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	15.1	15.9	15.6	16.3	16.7	15.1	15.9	15.6	16.3	16.7
	3H	15.9	16.6	16.3	17.0	17.5	15.9	16.6	16.3	17.0	17.5
	4H	16.4	17.1	16.9	17.5	18.0	16.4	17.1	16.9	17.5	18.0
	6H	17.1	17.7	17.6	18.2	18.7	17.1	17.7	17.6	18.2	18.7
	8H	17.4	18.0	17.9	18.5	19.0	17.4	18.0	17.9	18.5	19.0
	12H	17.7	18.3	18.3	18.8	19.4	17.7	18.3	18.3	18.8	19.4
4H	2H	15.2	15.9	15.7	16.3	16.9	15.2	15.9	15.7	16.3	16.9
	3H	16.2	16.8	16.8	17.3	17.9	16.2	16.8	16.8	17.3	17.9
	4H	17.0	17.5	17.6	18.1	18.7	17.0	17.5	17.6	18.1	18.7
	6H	17.9	18.3	18.5	18.9	19.5	17.9	18.3	18.5	18.9	19.5
	8H	18.4	18.8	19.0	19.3	20.0	18.4	18.8	19.0	19.3	20.0
	12H	18.8	19.2	19.5	19.8	20.5	18.8	19.2	19.5	19.8	20.5
8H	4H	17.3	17.7	17.9	18.3	19.0	17.3	17.7	17.9	18.3	19.0
	6H	18.4	18.8	19.1	19.4	20.1	18.4	18.8	19.1	19.4	20.1
	8H	19.1	19.3	19.7	20.0	20.7	19.1	19.3	19.7	20.0	20.7
	12H	19.7	19.9	20.4	20.6	21.3	19.7	19.9	20.4	20.6	21.3
12H	4H	17.4	17.7	18.0	18.3	19.0	17.4	17.7	18.0	18.3	19.0
	6H	18.6	18.8	19.2	19.5	20.2	18.6	18.8	19.2	19.5	20.2
	8H	19.3	19.5	19.9	20.2	20.9	19.3	19.5	19.9	20.2	20.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+1.8 / -0.6					+1.8 / -0.6				
S = 1.5H		+3.5 / -0.8					+3.5 / -0.8				
S = 2.0H		+5.1 / -1.0					+5.1 / -1.0				
Standard table		BK06					BK06				
Correction Summand		2.0					2.0				
Corrected Glare Indices referring to 16725lm Total Luminous Flux											

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