

OliNo Energy BV

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## TovLED 50402798 spot Louvre / UGR-Table

Luminaire: TovLED 50402798 spot Louvre  
 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	13.4	14.2	13.6	14.4	14.6	13.4	14.2	13.6	14.4	14.6
	3H	13.8	14.5	14.1	14.7	15.0	13.8	14.5	14.1	14.7	15.0
	4H	13.9	14.6	14.2	14.8	15.1	13.9	14.6	14.2	14.8	15.1
	6H	14.1	14.7	14.4	14.9	15.2	14.1	14.7	14.4	14.9	15.2
	8H	14.1	14.6	14.4	14.9	15.2	14.1	14.6	14.4	14.9	15.2
4H	12H	14.0	14.6	14.4	14.9	15.2	14.0	14.6	14.4	14.9	15.2
	2H	13.5	14.2	13.8	14.4	14.7	13.5	14.2	13.8	14.4	14.7
	3H	14.0	14.6	14.4	14.9	15.2	14.0	14.6	14.4	14.9	15.2
	4H	14.3	14.7	14.6	15.1	15.4	14.3	14.7	14.6	15.1	15.4
	6H	14.5	14.9	14.9	15.2	15.6	14.5	14.9	14.9	15.2	15.6
8H	8H	14.5	14.9	14.9	15.2	15.6	14.5	14.9	14.9	15.2	15.6
	12H	14.5	14.8	14.9	15.2	15.6	14.5	14.8	14.9	15.2	15.6
	4H	14.3	14.7	14.7	15.1	15.5	14.3	14.7	14.7	15.1	15.5
	6H	14.6	14.9	15.0	15.3	15.7	14.6	14.9	15.0	15.3	15.7
	8H	14.6	14.9	15.1	15.3	15.8	14.6	14.9	15.1	15.3	15.8
12H	12H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8
	4H	14.3	14.6	14.7	15.0	15.4	14.3	14.6	14.7	15.0	15.4
	6H	14.6	14.8	15.0	15.2	15.7	14.6	14.8	15.0	15.2	15.7
	8H	14.6	14.8	15.1	15.3	15.8	14.6	14.8	15.1	15.3	15.8
Variation of the observer position for the luminaire distances S											
S = 1.0H	+2.6 / -8.5					+2.6 / -8.5					
S = 1.5H	+4.5 / -9.9					+4.5 / -9.9					
S = 2.0H	+6.5 / -11.4					+6.5 / -11.4					
Standard table	BK00					BK00					
Correction Summand	7.6					7.6					
Corrected Glare Indices referring to 549lm Total Luminous Flux											

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