

OliNo Energy BV

Operator Marcel van der Steen
 Telephone
 Fax
 e-Mail marcel@olino.org

TovLED 1114080CM1500 Monet / UGR-Table

Luminaire: TovLED 1114080CM1500 Monet
 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	0.1	0.7	0.3	0.9	1.1	0.1	0.7	0.3	0.9	1.1
	3H	-0.0	0.5	0.2	0.8	1.0	-0.0	0.5	0.2	0.8	1.0
	4H	-0.1	0.4	0.2	0.7	0.9	-0.1	0.4	0.2	0.7	0.9
	6H	-0.2	0.3	0.1	0.6	0.9	-0.2	0.3	0.1	0.6	0.9
	8H	-0.2	0.3	0.1	0.5	0.8	-0.2	0.3	0.1	0.5	0.8
4H	12H	-0.3	0.2	0.1	0.5	0.8	-0.3	0.2	0.1	0.5	0.8
	2H	-0.1	0.4	0.2	0.7	0.9	-0.1	0.4	0.2	0.7	0.9
	3H	-0.3	0.2	0.1	0.5	0.8	-0.3	0.2	0.1	0.5	0.8
	4H	-0.3	0.1	0.0	0.4	0.7	-0.3	0.1	0.0	0.4	0.7
	6H	-0.4	-0.1	-0.0	0.3	0.6	-0.4	-0.1	-0.0	0.3	0.6
8H	8H	-0.5	-0.2	-0.0	0.2	0.6	-0.5	-0.2	-0.0	0.2	0.6
	12H	-0.5	-0.3	-0.1	0.1	0.6	-0.5	-0.3	-0.1	0.1	0.6
	4H	-0.5	-0.2	-0.0	0.2	0.6	-0.5	-0.2	-0.0	0.2	0.6
	6H	-0.5	-0.3	-0.1	0.1	0.5	-0.5	-0.3	-0.1	0.1	0.5
	8H	-0.6	-0.4	-0.1	0.0	0.5	-0.6	-0.4	-0.1	0.0	0.5
12H	12H	-0.6	-0.5	-0.2	-0.0	0.5	-0.6	-0.5	-0.2	-0.0	0.5
	4H	-0.5	-0.3	-0.1	0.1	0.6	-0.5	-0.3	-0.1	0.1	0.6
	6H	-0.6	-0.4	-0.1	0.0	0.5	-0.6	-0.4	-0.1	0.0	0.5
	8H	-0.6	-0.5	-0.2	-0.0	0.5	-0.6	-0.5	-0.2	-0.0	0.5
Variation of the observer position for the luminaire distances S											
S = 1.0H	+4.5 / -100.0					+4.5 / -100.0					
S = 1.5H	+7.3 / -97.2					+7.3 / -97.2					
S = 2.0H	+9.3 / -95.2					+9.3 / -95.2					
Standard table	BK00					BK00					
Correction Summand	-4.0					-4.0					
Corrected Glare Indices referring to 1517lm Total Luminous Flux											

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