

OliNo Energy BV

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## CDE Technology BV 15X2R-V1 Power LED Recessed Downlight / UGR-Table

Luminaire: CDE Technology BV 15X2R-V1 Power LED Recessed Downlight  
 Lamps: 2 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	0.4	1.3	0.7	1.5	1.8	5.9	6.9	6.2	7.1	7.3
	3H	0.7	1.6	1.0	1.8	2.1	5.9	6.8	6.2	7.0	7.3
	4H	0.9	1.6	1.2	1.9	2.2	5.9	6.7	6.2	7.0	7.2
	6H	0.9	1.6	1.3	1.9	2.2	5.9	6.6	6.2	6.9	7.2
	8H	0.9	1.6	1.3	1.9	2.2	5.9	6.6	6.2	6.9	7.2
	12H	0.9	1.5	1.3	1.9	2.2	5.8	6.5	6.2	6.8	7.1
4H	2H	0.4	1.2	0.7	1.5	1.7	5.8	6.5	6.1	6.8	7.1
	3H	0.9	1.6	1.3	1.9	2.2	5.8	6.5	6.2	6.8	7.1
	4H	1.1	1.7	1.5	2.0	2.4	5.8	6.4	6.2	6.7	7.1
	6H	1.3	1.7	1.7	2.1	2.5	5.8	6.3	6.2	6.7	7.1
	8H	1.3	1.7	1.7	2.1	2.5	5.8	6.3	6.2	6.6	7.0
	12H	1.3	1.7	1.7	2.1	2.5	5.8	6.2	6.2	6.6	7.0
8H	4H	1.2	1.6	1.6	2.0	2.4	5.8	6.2	6.2	6.6	7.0
	6H	1.4	1.7	1.8	2.1	2.6	5.8	6.1	6.2	6.6	7.0
	8H	1.4	1.7	1.9	2.1	2.6	5.8	6.1	6.2	6.5	7.0
	12H	1.4	1.7	1.9	2.1	2.6	5.7	6.0	6.2	6.5	7.0
12H	4H	1.2	1.5	1.6	2.0	2.4	5.7	6.1	6.2	6.5	7.0
	6H	1.3	1.7	1.8	2.1	2.6	5.7	6.1	6.2	6.5	7.0
	8H	1.4	1.7	1.9	2.1	2.6	5.7	6.0	6.2	6.5	7.0
Variation of the observer position for the luminaire distances S											
S = 1.0H	+2.0 / -8.8					+1.9 / -5.7					
S = 1.5H	+3.6 / -20.3					+3.4 / -19.3					
S = 2.0H	+5.6 / -21.2					+5.4 / -20.3					
Standard table	BK00					BK00					
Correction Summand	0.5					0.6					
Corrected Glare Indices referring to 1411lm Total Luminous Flux											

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