



greenlux
cost reduction LED lighting

Opal Series LED Panel Light

UGR Test Report - UGR < 19

Test: U: 222.2V I:0.1680A P:34.80W PF:0.9300 Lamp Flux:2429.61x1 lm		
NAME: GSOPA-35W-6060	TYPE:Panel Light	WEIGHT:3.37 Kg
DIM.: 600*600*9.0(MM)	SPEC.:35W	SERIAL No.:01
MFR.: Greenlux	SUR.:580*580MM	PROTECTION ANGLE:120

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Room dimensions		viewed crosswise					viewed endwise				
X = 2H	y = 2H	13.7	15.1	14.0	15.3	15.5	14.6	16.0	14.8	16.2	16.4
	3H	15.0	16.3	15.3	16.5	16.8	15.7	17.0	16.0	17.2	17.4
	4H	15.6	16.8	15.9	17.1	17.3	16.2	17.5	16.6	17.7	18.0
	6H	16.1	17.3	16.4	17.5	17.8	16.7	17.9	17.0	18.1	18.4
	8H	16.3	17.4	16.6	17.7	17.9	16.9	18.0	17.2	18.3	18.6
	12H	16.4	17.4	16.7	17.7	18.0	17.0	18.1	17.4	18.4	18.7
4H	2H	14.1	15.3	14.4	15.5	15.8	14.8	16.0	15.1	16.2	16.5
	3H	15.5	16.6	15.9	16.9	17.2	16.1	17.1	16.4	17.4	17.7
	4H	16.3	17.3	16.7	17.6	17.9	16.8	17.7	17.1	18.0	18.4
	6H	17.0	17.9	17.4	18.2	18.6	17.5	18.3	17.9	18.7	19.0
	8H	17.3	18.1	17.7	18.4	18.8	17.8	18.6	18.2	18.9	19.3
	12H	17.4	18.1	17.8	18.5	18.9	18.0	18.8	19.4	19.1	19.5
8H	4H	16.6	17.4	17.0	17.8	18.1	17.0	17.8	17.4	18.1	18.5
	6H	17.5	18.1	17.9	18.5	19.0	17.8	18.5	18.2	18.9	19.3
	8H	17.8	18.4	18.3	18.8	19.3	18.2	18.8	18.6	19.2	19.6
	12H	18.1	18.6	18.6	19.1	19.5	18.6	19.1	19.1	19.5	20.0
12H	4H	16.6	17.3	17.0	17.7	18.1	17.0	17.7	17.4	18.1	18.5
	6H	17.6	18.1	18.0	18.6	19.0	17.9	18.5	18.3	18.9	19.3
	8H	18.0	18.5	18.4	18.9	19.4	18.3	18.8	18.8	19.3	19.7

Variations with the observer position at spacings:

S = 1.0H	+ 0.4 / - 0.4	+ 0.4 / - 0.5
1.5H	+ 0.4 / - 0.6	+ 0.2 / - 0.6
2.0H	+ 0.5 / - 0.5	+ 0.3 / - 0.5

CIE Pub.117 Corrected 2430 lm Total Lamp Luminous Flux.(8log(F/FO) =3.1)