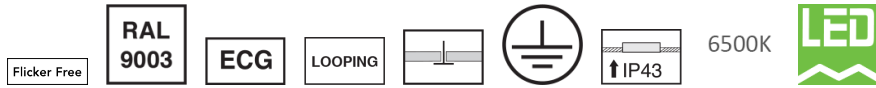


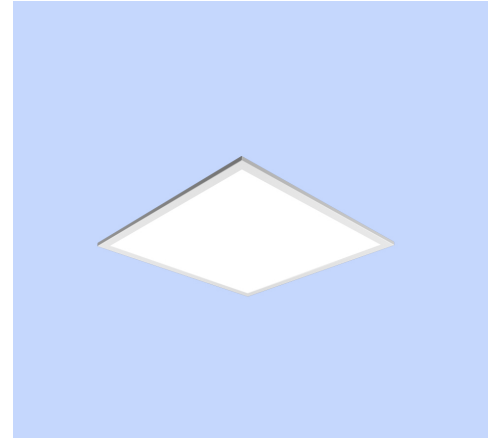
M521S6LED2865-W

OPTiLED recessed luminaire (60*60), Satin white diffuser, 6500K, LED2, 4500 Lumens, 42W, White



About Product

OPTiLED recessed luminaire is designed and manufactured by Megalite for modern office and commercial lighting applications. Uniform light distribution, energy saving, glare control, and aesthetically beautiful and minimal design are among the highlights of this luminaire.



Technical Information

Luminaire Name:	OPTiLED
Catalog Code/product code:	M521S6LED2865-W
Mounting Type:	Recessed-Exposed false ceiling
Application:	Office, Hospitality, Shopping centers, Hypermarket
Light source type:	LED
Module/ Lamp quantity:	6
CCT (Color temperature):	6500K - Daylight
Light source:	LED
LED Module brand name:	Edison
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	42
Luminous Flux:	4500
Efficacy (lm/W):	107
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class I
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Ballast/ Driver brand name:	Vossloh Schwabe
FLICKER:	Flicker Free

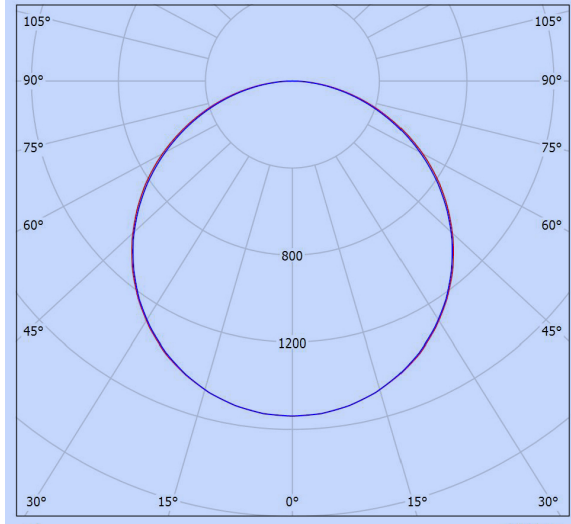
M521S6LED2865-W
OPTiLED recessed luminaire (60*60), Satin white diffuser, 6500K, LED2, 4500 Lumens, 42W, White

Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible, Tool free wire connection, 3-Pole (Size: 2.5)
Cable Looping:	Yes
Body Material:	Cold rolled steel sheet with polycarbonate rim
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Diffuser/Glass Material:	Polystyrene sheet
Diffuser/Glass Shape:	Satin white
Diffuser/Glass Characteristic:	Uniform light distribution, Optimum efficacy and high light source hiding for glare control
Light Distribution:	Uniform light distribution
Packaging type:	Nylon cover and carton
Weight(Kg):	3
Dimensions(mm):	597x597x35

M521S6LED2865-W

OPTiLED recessed luminaire (60*60), Satin white diffuser, 6500K, LED2, 4500 Lumens, 42W, White

Photometric Graph



Glare Evaluation According to UGR											
		70	70	50	30	70	70	50	30	30	
p Ceiling		70	70	50	30	70	70	50	30	30	
p Walls		50	30	50	30	30	50	30	50	30	
p Floor		20	20	20	20	20	20	20	20	20	
Room Size	Viewing direction at right angles to lamp axis	Viewing direction parallel to lamp axis									
X	Y										
2H	2H	17.0	18.3	17.3	18.5	18.8	16.9	18.2	17.2	18.5	18.7
	3H	18.8	20.0	19.1	20.3	20.5	18.7	19.9	19.0	20.2	20.4
	4H	19.5	20.6	19.8	20.9	21.2	19.3	20.5	19.7	20.8	21.1
	6H	20.0	21.1	20.4	21.4	21.7	19.8	20.9	20.2	21.2	21.5
	8H	20.2	21.2	20.6	21.5	21.9	20.0	21.0	20.4	21.3	21.7
12H	20.3	21.3	20.7	21.6	22.0	20.1	21.1	20.5	21.4	21.7	
4H	2H	17.5	18.7	17.9	19.0	19.2	17.5	18.6	17.8	18.9	19.2
	3H	19.6	20.5	19.9	20.9	21.2	19.5	20.4	19.8	20.8	21.1
	4H	20.4	21.3	20.8	21.6	22.0	20.3	21.2	20.7	21.5	21.9
	6H	21.1	21.9	21.5	22.2	22.6	20.9	21.7	21.3	22.1	22.5
	8H	21.3	22.0	21.8	22.4	22.8	21.1	21.8	21.6	22.2	22.6
12H	21.5	22.1	21.9	22.5	23.0	21.3	21.9	21.7	22.3	22.8	
8H	4H	20.7	21.4	21.1	21.8	22.2	20.6	21.3	21.0	21.7	22.1
	6H	21.5	22.1	22.0	22.5	23.0	21.4	21.9	21.8	22.4	22.8
	8H	21.8	22.4	22.3	22.8	23.3	21.7	22.2	22.1	22.6	23.1
	12H	22.1	22.5	22.6	23.0	23.5	21.9	22.3	22.4	22.8	23.3
	12H	4H	20.7	21.4	21.2	21.8	22.2	20.6	21.3	21.1	21.7
6H		21.6	22.1	22.1	22.5	23.0	21.4	21.9	21.9	22.4	22.9
8H		21.9	22.4	22.4	22.9	23.4	21.8	22.2	22.3	22.7	23.2
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H	+0.2 / -0.3					+0.2 / -0.3					
S = 2.0H	+0.4 / -0.6					+0.4 / -0.6					
Standard table	BK06					BK06					
Correction Summand	-0.5					-0.7					
Corrected Glare Indices referring to 4500lm Total Luminous Flux											

Dimensional Drawing

