

Optivalu Skylite Data Sheet



Osram's Optivalu Skylite comes with special diffuser design for office, corridor and public area illumination application. Optivalu Skylite is an ideal replacement for T5 Louver luminaires with 20% energy savings in office and commercial buildings.

MAJOR BENEFITS

- High lumen efficacy
- Long lifetime compared to T5 Louver
- White die-cast aluminum housing;
- Environmentally friendly - contains no mercury, lead or other hazardous materials;
- Easy, trouble free installation;

APPLICATION

- Office lighting
- General commercial lighting
- Decoration lighting
- Classroom lighting
- Area lighting

SPECIFICATION

Item	Parameter	Optivalu Skylite 597x597mm	Optivalu Skylite 297x1197mm
Light Output*	Lumen (lm)	2600 lm	3400lm
	Beam Angle	110°	110°
	Efficacy (lm/W)	85 lm/W	85lm/w
	CCT (K)	4000K; 6500K	4000K; 6500K
	CRI	>80 (4000K) >80 (6500K)	>80 (4000K) >80 (6500K)
	Lifetime (@ L70 & T _a @ 25°C)	25.000 hours	25.000 hours
Electrical #	Input Voltage	220~240V AC 50/60HZ	220~240V AC 50/60HZ
	Power	32W	42W
	PF	>0.9	>0.9
Mechanical	Dimension (mm)	597x597x66MM	297x1197x62mm
	Cut out size (mm)	580x580MM	1180x280xmm
	Weight (kg)	3,5	4,3
Temperature ##	Ambient (°C)	-20 ... 40°C (T _a in free air)	
	Operation (°C)	-20 ... 70°C	
	Storage (°C)	-30 ... 60°C	
Standard Compliance	CE	IEC 60598, IEC 62031, IEC 62471, IEC 61547, IEC 61000-3-2, IEC 61000-3-3 and IEC 60529	
	Eye Security	IEC 62471 (Eye-Security/CIE S009)	
	EMC immunity	IEC 61547	
	EMC radio disturbance	CISPR 15	
	Protection Class	IP 20, Class I	
Environment	RoHS		

*) Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

#) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

##) Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

The temperature of the LED module needs to be measured at the T_c-point according to EN60598-1 in a thermally constant status with a temperature sensor or a temperature sensitive label. For exact location of the T_c-point see drawings.

SAFETY INFORMATION

- The LED luminaire itself and all its components may not be mechanical stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED luminaire with (power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Damage by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- The design of the housing should be according to the IP standards in the application.

ORDERING CODE

Material	Short Text	CCT	Size	EAN-040
AA694710055	OPTV SKYL LL0202-840 32W VS2 OSRAM	4000	597x597mm	4052899155602
AA694720055	OPTV SKYL LL0202-865 32W VS2 OSRAM	6500	597x597mm	4052899155626
AA694730055	OPTV SKYL LL0401-840 42W VS2 OSRAM	4000	297x1197mm	4052899155640
AA694740055	OPTV SKYL LL0401-865 42W VS2 OSRAM	6500	297x1197mm	4052899155664

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