

# SURFACE MOUNT Downlight Series



INDOOR SERIES



## PRODUCT OVERVIEW

The AL TSA Surface Mount DOWNLIGHT is elegant, efficient and has a low maintenance cost. With an extensive range of sizes, shapes and materials, they are made to suit every commercial and business environment. These downlights are designed to give maximum light output with the minimum amount of glare. The deep recessed design helps to hide any glare from the eye in lower installations. The AL TSA Surface mount downlights are able to be installed as pendants as well.

Quality comes standard...



Hours  
LIFESPAN



IP20  
OUTDOOR



Low  
MAINTENANCE



Year  
WARRANTY



Product  
CERTIFICATION

## APPLICATIONS

General Illumination for a wide range of applications such as offices, shops, work places and public locations.

### FEATURES

COB LED

No UV/IR Light

5 Year Warranty

Low Glare Design

Certified: CE, TUV and SABS

IC Rated (Fitting and driver)

Sanan Chip Fitting

Silanic IC Driver

### CONSTRUCTION DETAILS

Aluminium Housing

Glass

IP65 Ingress Protection

White/Black Housing Finish

## Surface Mount Downlight

### TECHNICAL DATA

#### SPECIFICATIONS

Rated Voltage (V):	AC184-266V	Luminaire Efficacy(lm/W):	100(lm/W)
Frequency (Hz):	50/60Hz		110(lm/W)
Power Consumption (W):	10W 15W 20W 30W 50W		120(lm/W)
Correlated color Temp (CCT):	2200K - 6000K	Unified Glare Index(UGR):	UGR22 (Standard)
Colour Rendering (CRI):	80/90		
Total Harmonic Distortions (THD):	<15%	L&B Rating:	L80 B10
Power Factor (PF):	>0.90		
Electrical Class:	Class I	Ingress Protection(IP):	IP20 (Standard)
Operating Temp:	-20 ~ +50°C		
Efficiency:	92%	Beam Angle:	90°
Driver Type:	Meanwell/Shenzhen	Lifespan:	50 000hrs
LED Brand:	Hongli Chip On Board (COB)	Mounting Options:	Surface Suspended
Entry & Output Cable:	Side / 20cm (Standard)		

#### MATERIAL STRUCTURE

Housing Body:	Aluminium	Lens Diffuser:	Polycarbonate
Lens:	Opal/Clear		Glass
Housing Colour:	White   Black		Poly Methyl Methacrylate

#### OPTIONAL FEATURES

Dimmable Options:	DALI-Dimmable	0-10V	Triac Dimmable
Emergency Options:	20% Back-up Power	External	
Certifications	EMC		

### ORDERING INFORMATION

XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX	X
Product Family	Product ID	Size	Power	Efficacy	Driver Type	Control	CRI	Glare Rate
Downlight (DWN)	Surface Mount Downlight (SMD)	D108x128(101) 0.4kg D140x156(141) 0.5kg D169x178(161) 0.7kg D190x190(191) 0.9kg D228x220(222) 1.2kg	10W (0010) 15W (0015) 20W (0020) 30W (0030) 50W (0050)	100lm/W (100) 110lm/W (110) 130lm/W (130)	Standard (STD)	Standard (STD) Emergency (EMG) Triac (TRI) Dimmable (DIM) Dali (DAL)	80 (8) 90 (9)	22 (22)

## Surface Mount Downlight

### INSTALLATION & APPLICATION

#### INSTALLATION

#### APPLICATION Example

