

BRILLIANCE Downlight Series



INDOOR SERIES



PRODUCT OVERVIEW

The ALTSA Brilliance DOWNLIGHTS are elegant, efficient and have low maintenance costs. 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 ALTSA Brilliance DOWNLIGHTS have excellent thermal properties and great longevity. The lenses can be varied to suit any style with degrees of frost and transmission.

Quality comes standard...



Hours
LIFESPAN



IP42
INDOOR



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		CONSTRUCTION DETAILS
60°/90°/100° Beam Angle	Certified: CE, TUV and SABS	Aluminium Housing
No UV/IR Light	Dimmable options available	PPMA/Glass/PC Lens
5 Year Warranty	RoHS compliance	IP42 Ingress Protection
Low Glare Design	Silanic IC Driver	White & Black Housing Finish
CRI >80	Sanan Chip Fitting	
COB LED	IC Rated (Fitting and driver)	

Brilliance Downlight



TECHNICAL DATA | STANDARD BRILIANCE COB

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm/W)	SIZE (MM)	BEAM ANGLE	CRI	CCT (K)	CUT OUT SIZE
DWN/SD/25/07	110-265VAC	7	120	90x50	60/100°	>80	2700-6500	75-80
DWN/SD/03/09	110-265VAC	9	120	105x50	60/100°	>80	2700-6500	90-95
DWN/SD/03/12	110-265VAC	12	120	105x50	60/100°	>80	2700-6500	90-95
DWN/SD/04/12	110-265VAC	12	120	145x50	60/100°	>80	2700-6500	125-130
DWN/SD/04/15	110-265VAC	15	120	145x50	60/100°	>80	2700-6500	125-130
DWN/SD/05/12	110-265VAC	12	120	165x60	60/100°	>80	2700-6500	145-150
DWN/SD/05/16	110-265VAC	16	120	165x60	60/100°	>80	2700-6500	145-150
DWN/SD/05/18	110-265VAC	18	120	165x60	60/100°	>80	2700-6500	145-150
DWN/SD/05/20	110-265VAC	20	120	165x60	60/100°	>80	2700-6500	145-150
DWN/SD/05/24	110-265VAC	24	120	165x60	60/100°	>80	2700-6500	145-150
DWN/SD/06/12	110-265VAC	12	120	195x60	60/100°	>80	2700-6500	170-175
DWN/SD/06/16	110-265VAC	16	120	195x60	60/100°	>80	2700-6500	170-175
DWN/SD/06/24	110-265VAC	24	120	195x60	60/100°	>80	2700-6500	170-175
DWN/SD/08/12	110-265VAC	12	120	230x75	60/100°	>80	2700-6500	200-205
DWN/SD/08/18	110-265VAC	18	120	230x75	60/100°	>80	2700-6500	200-205
DWN/SD/08/26	110-265VAC	26	120	230x75	60/100°	>80	2700-6500	200-205
DWN/SD/08/30	110-265VAC	30	120	230x75	60/100°	>80	2700-6500	200-205

* Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

Brilliance Downlight

TECHNICAL DATA | Clear Lens, Shallow Recessed

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm/W)	CUT-OUT (MM)	BEAM ANGLE	CRI	CCT (K)
MB-DL2.5-7CS/*	110-265VAC	7	100-120	75	100°	>80	2700-6500
MB-DL2.5-7CSS/*	110-265VAC	7	100-120	75	100°	>80	2700-6500
MB-DL4-9CS/*	110-265VAC	9	100-120	125	100°	>80	2700-6500
MB-DL4-12CS/*	110-265VAC	12	100-120	125	100°	>80	2700-6500
MB-DL6-12CS/*	110-265VAC	12	100-120	175	100°	>80	2700-6500
MB-DL6-16CS/*	110-265VAC	16	100-120	175	100°	>80	2700-6500
MB-DL6-24CS/*	110-265VAC	24	100-120	175	100°	>80	2700-6500
MB-DL8-12CS/*	110-265VAC	12	100-120	200	100°	>80	2700-6500
MB-DL8-18CS/*	110-265VAC	18	100-120	200	100°	>80	2700-6500
MB-DL8-26CS/*	110-265VAC	26	100-120	200	100°	>80	2700-6500
MB-DL8-30CS/*	110-265VAC	30	100-120	200	100°	>80	2700-6500



* Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

TECHNICAL DATA | Clear Lens, Deep Recessed

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm/W)	CUT-OUT (MM)	BEAM ANGLE	CRI	CCT (K)
MB-DL6-12CD/*	110-265VAC	7	100-120	75	100°	>80	2700-6500
MB-DL6-16CD/*	110-265VAC	7	100-120	75	100°	>80	2700-6500
MB-DL6-24CD/*	110-265VAC	9	100-120	125	100°	>80	2700-6500
MB-DL8-12CD/*	110-265VAC	12	100-120	125	100°	>80	2700-6500
MB-DL8-18CD/*	110-265VAC	12	100-120	175	100°	>80	2700-6500
MB-DL8-26CD/*	110-265VAC	16	100-120	175	100°	>80	2700-6500
MB-DL8-30CD/*	110-265VAC	24	100-120	175	100°	>80	2700-6500



* Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

TECHNICAL DATA | Frosted Lens, Deep Recessed

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm/W)	CUT-OUT (MM)	BEAM ANGLE	CRI	CCT (K)
MB-DL6-12FD/*	110-265VAC	12	100-120	75	100°	>80	2700-6500
MB-DL6-16FD/*	110-265VAC	16	100-120	75	100°	>80	2700-6500
MB-DL6-24FD/*	110-265VAC	24	100-120	125	100°	>80	2700-6500
MB-DL8-12FD/*	110-265VAC	12	100-120	125	100°	>80	2700-6500
MB-DL8-18FD/*	110-265VAC	18	100-120	175	100°	>80	2700-6500
MB-DL8-26FD/*	110-265VAC	26	100-120	175	100°	>80	2700-6500
MB-DL8-30FD/*	110-265VAC	30	100-120	175	100°	>80	2700-6500



* Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

Brilliance Downlight

TECHNICAL DATA | Frosted Lens, Shallow Recessed

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm/W)	CUT-OUT (MM)	BEAM ANGLE	CRI	CCT (K)
MB-DL4-9FS/*	110-265VAC	9	100-120	75	100°	>80	2700-6500
MB-DL4-12FS/*	110-265VAC	12	100-120	75	100°	>80	2700-6500
MB-DL6-12FS/*	110-265VAC	12	100-120	125	100°	>80	2700-6500
MB-DL6-16FS/*	110-265VAC	16	100-120	125	100°	>80	2700-6500
MB-DL6-24FS/*	110-265VAC	24	100-120	175	100°	>80	2700-6500
MB-DL8-12FS/*	110-265VAC	12	100-120	175	100°	>80	2700-6500
MB-DL8-18FS/*	110-265VAC	18	100-120	175	100°	>80	2700-6500
MB-DL8-26FS/*	110-265VAC	26	100-120	200	100°	>80	2700-6500
MB-DL8-30FS/*	110-265VAC	30	100-120	200	100°	>80	2700-6500



* Colour Temperature: 2000-3000K (02) / 4000K (04) / 6000K (06)

MECHANICAL DATA

Humidity Range:	30-60%
Cut Out Sizes:	75-80 90-95 125-130 145-150 170-175 200-205
Operating Temperature:	-20°C ~ 50°C
Housing Material:	Aluminium
Lens Material:	Glass
Housing Finish:	White/Black
IP Rating:	IP42
Mounting Configuration:	Deep Recessed Shallow Recessed
Glare Rating:	UGR 22
Flicker&DLC Specification:	SVM<0.4 DLC V4.0

ELECTRICAL DATA

FEATURES

Driver:	Greenbo	EMC Applicable
Electrical Class:	Class 1	Triac Dimmable
Nominal Voltage Range:	184 - 277 VAC	DALI Control
Power Factor:	>0.90	1-10V Control
THD:	12%	Motion Sensor
Surge Protection:	Standard 1000V- Optional 2750V	1 X PCS COB LED
Battery Backup:	20% 30 - 90 Minutes	Dimming Driver 0-100% DIM
Photocell:	External	
Cable Entry:	Bottom	