



BT LIGHT
LED SYSTEMS



LED Downlight

DL269A/B Series



Introduction

This new surface mounted downlight has a complete size options, it has faceted and specula reflector design for different optic reflection. Screwless on surface and tempered glass in front part, which offer a better appearance, high protection level and convenient installation. Two options for optic combination: Type A COB LED chip+lens+reflector, Type B SMD LED chip+diffuser+reflector.

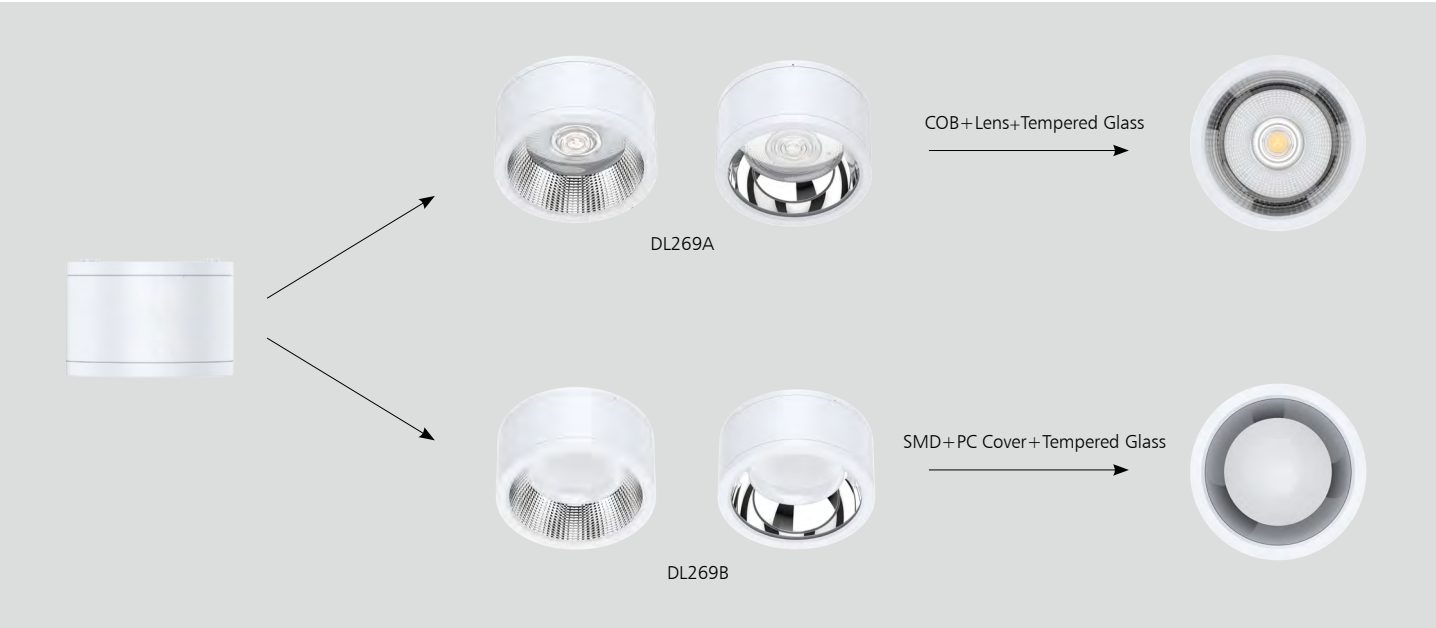
Features

- Faceted and Specular reflector options.
- IP65 waterproof, IK08 protection level.
- Type A COB version is UGR<19, with 24°/36°/60° lens options.
- Type B SMD version: Interchangeable CCT available, 3000K+4000K+5700K with slide switch.
- Size options: 3inches/5inches/6inches/8inches/10inches.
- Internal flicker free driver.
- Triac dimming/DALI dimming available (Do not include 3 inch) .

Application Areas

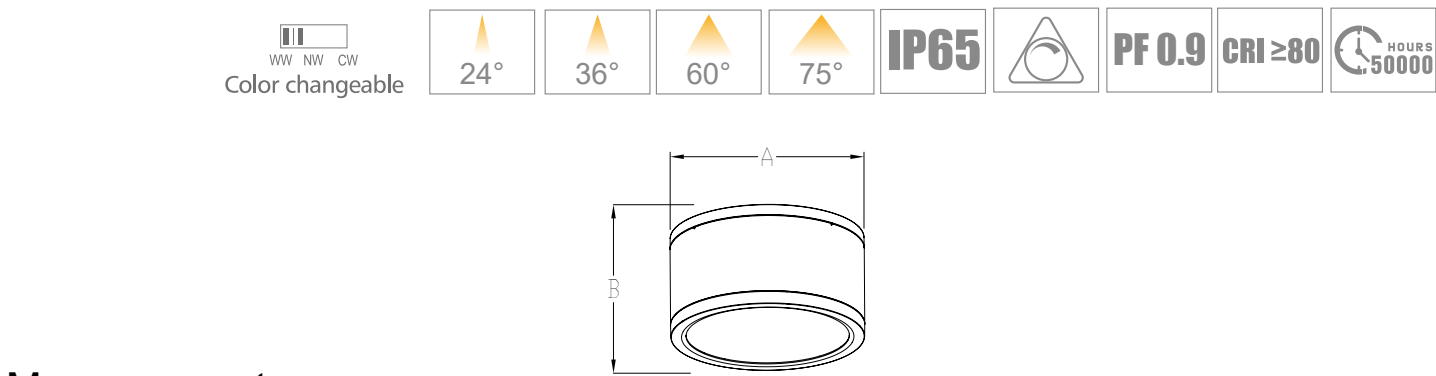
It is designed for general lighting applications in Retails, conference rooms, hotels, restaurants, Foyers, corridors, and living spaces, etc...





Technical Data Sheet(1)

Code No.			DL269A/B-3-10W	DL269A/B-3-15W	DL269A/B-5-18W	DL269A/B-5-25W	DL269A/B-6-25W	DL269A/B-6-30W
Dimension(mm)			Ø90*H107		Ø130*H115		Ø160*H110	
Cutout (mm)			-					
Watt(W)			10W	15W	18W	25W	25W	30W
Rated Input Voltage(V)			AC200-240V					
Input Voltage(V)			AC200-240V					
LED Module Input			-					
Light Source			SMD2835/COB					
SDCM			SMD2835 SDCM≤6 / COB SDCM≤4(Overall)					
CCT(K)			(COB A 1-CCT:2700K/3000K/4000K/5000K) (SMD B 1-CCT:3000K/4000K/5000K/5700K) 3-CCT: 3000K + 4000K + 5700K					
CCT Selection DIP Switch			YES					
Luminous Flux (lm) ±5%	Non-DIM	1-CCT (DL269A/B)	900-1100	1300-1600	1700-1900	2300-2500	2300-2500	2200-3000
	DIM		850-1050	-	1600-1800	2100-2400	2100-2400	2100-2800
	Non-DIM	3-CCT (DL269B)	850-1100	1000-1200	1600-1800	2100-2400	2100-2400	2100-2700
	DIM		800-1000	-	1500-1750	2000-2300	2000-2300	2100-2600
CRI			80					
Beam Angle (°)			DL269A (24°36°60°) DL269B 75°					
UGR	DL269A		<19	<22	<19	<19 (60°<22)	<19	
	DL269B		<25					
LED Driver			Built-in					
Dimming Option			Triac/ DALI (NO 3 inch, 5 inch 25W)					
Sensor			NO					
Emergency Kits			NO					
Electrical Class			Class I					
Ingress Protection (IP Rating)			IP65					
Impact Resistance (IK Rating)			IK08					
Product Finishing(Base)			White RAL 9016 / Black RAL 9005					
Materials of Optics			PC+Glass					
Materials of Housing			Die-casting					
Lifetime (hr)			>50000H					
Glow wire test (°C)			NO					
Operating Temp. (°C)			-20°C ~40°C					
Storage Temp. (°C)			-20°C ~65°C					
Installation			Surface mount					



Measurement

Code	Dimension(mm)		Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
DL269A/B-3	90	107	Ø90*H70	0.6	0.646	11.6	12.2	36.5x24.5x46	12	8460	19080
DL269A/B-5	130	115	Ø130*H115	0.92	1.01	12.1	12.8	50x33.5x32	12	6168	14700
DL269A/B-6	160	110	Ø160*H110	1.18	1.313	7.9	8.4	40x20.5x45.5	6	4620	10386
DL269A/B-8	214	119	Ø214*H119	2.2	2.48	14.9	15.6	51.5x26x49	6	2376	5568
DL269A/B-10	250	125	Ø250*H125	2.8	3.18	12.7	13.5	61x31x36	4	1588	3724

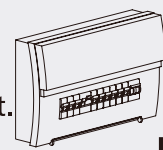
Technical Data Sheet(2)

Code No.			DL269A/B-8-25W	DL269A/B-8-35W	DL269A/B-8-40W	DL269A/B-10-35W	DL269A/B-10-40W	DL269A/B-10-45W
Dimension(mm)			Ø214*H119			Ø250*H125		
Cutout (mm)			-					
Watt(W)			25W	35W	40W	35W	40W	45W
Rated Input Voltage(V)			AC200-240V					
Input Voltage(V)			AC200-240V					
LED Module Input			-					
Light Source			SMD2835/COB					
SDCM			SMD2835 SDCM≤6 / COB SDCM≤4(Overall)					
CCT(K)			(COB A 1-CCT:2700K/3000K/4000K/5000K) (SMD B 1-CCT:3000K/4000K/5000K/5700K) 3-CCT: 3000K + 4000K + 5700K					
CCT Selection DIP Switch			YES					
Luminous Flux (lm) ±5%	Non-DIM	1-CCT (DL269A/B)	2300-2500	3300-3500	3500-4000	3300-3500	3800-4200	4200-4600
	DIM		2100-2400	3000-3400	-	3150-3400	3700-4000	4000-4500
	Non-DIM	3-CCT (DL269B)	2100-2400	3100-3300	3500-3900	3100-3300	3600-4100	4200-4500
	DIM		2000-2300	2800-3200	-	3100-3300	3500-4000	4100-4400
CRI			80					
Beam Angle (°)			DL269A (24°36°60°)DL269B 75°					
UGR	DL269A		<19					
	DL269B		<25					
LED Driver			Built-in					
Dimming Option			Triac/ DALI					
Sensor			NO					
Emergency Kits			NO					
Electrical Class			Class I					
Ingress Protection (IP Rating)			IP65					
Impact Resistance (IK Rating)			IK08					
Product Finishing(Base)			White RAL 9016 / Black RAL 9005					
Materials of Optics			PC+Glass					
Materials of Housing			Die-casting					
Lifetime (hr)			>50000H					
Glow wire test (°C)			NO					
Operating Temp. (°C)			-20°C ~40°C					
Storage Temp. (°C)			-20°C ~65°C					
Installation			Surface mount					

■ Installation Procedure

WARNING ⚡

1. Switch off power supply before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



Turn Off
Power Supply

■ Rotating surface mounted installation

