

# LED Lighting

## LED Downlight selector guide

### Description

We offer an extensive range of LED fittings designed for down lighting in recessed ceilings. The lightweight construction is designed with excellent thermal properties with consistent light output & low glare. The downlights are easily fixed via integral spring clips and powered by external ac mains driver (supplied).


### Specifications


Driver input voltage	Power Factor	Ingress Protection	Operating Humidity	Operating Temperature
90~264vac	>0.9	IP41	RH 20 ~+85%	-15 ~ +50°C

### Features

- High performance LED
- Energy efficient, low energy consumption
- Long life, zero maintenance
- No Flicker
- Instant start
- Lightweight construction
- Dimmable options
- Emergency pack options

### Electrical & Optical Specifications

GBDL Slim-line series	Part No	Power Consumption	Typical Flux(lm)	CCT °K	Angle	Ra	Dimensions (mm)	Hole cut-out dia (mm)
	GBDL120-7W-xx	7W	520	Cool (CW) 6000K	120°	>80	Φ120x20	Φ105
	GBDL150-10W-xx	10W	750				Φ150x24	Φ140
	GBDL180-15W-xx	15W	1125	Natural (NAW) 4000K			Φ180x24	Φ170
	GBDL240-18W-xx	18W	1350	Warm (WW) 3000K			Φ240x24	Φ230
	GBDL300-24W-xx	24W	1800				Φ300x24	Φ254

PL Slim-line series	Part No	Power Consumption	Typical Flux(lm)	CCT °K	Angle	Ra	Dimensions (mm)	Hole cut-out dia (mm)
	PL4-09W-xx	9W	810	Cool (CW) 6000K	120°	>80	Φ146x23.5	Φ120
	PL5-15W-xx	15W	1350				Φ165x23.5	Φ150
	PL6-18W-xx	18W	1620	Natural (NAW) 4000K			Φ190x23.5	Φ165
	PL8-24W-xx	24W	2160	Warm (WW) 3000K			Φ235x23.5	Φ210


xx denotes CCT

### Notes:


Use in conjunction with low voltage constant current drive systems  
These units are designed for low voltage dc operation and must not be connected directly to ac mains  
Luminous Flux values quoted are typical. Please contact our office for the latest luminous intensity yields  
Specifications may be subject to change without notice

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DL-BS series	Part No.	Power Consumption	Typical Flux(lm)	CCT (°K)	Angle	Ra	Dimensions (mm)	Hole cut-out Dia (mm)
	DL3-BS10SD-xx	10W	900	Cool (CW) 5700K	90°	>82	Φ108x52	Φ85-90
	DL4-BS15SD-xx	15W	1350				Φ148x65	Φ120-125
	DL6-BS-09SD-xx	9W	800				Φ 195x65	Φ170-175
	DL6-BS-15SD-xx	15W	1350					
	DL6-BS-21SD-xx	21W	1900	Natural (NAW) 4500K			Φ230x65	Φ195-210
	DL8-BS-21SD-xx	21W	1950					
	DL8-BS-30SD-xx	30W	2850					
	DL8-BS-40SD-xx	40W	3000	Warm (WW) 3000K			Φ230x110	Φ210-215
	DL10-BS-40SD-xx	40W	4000					

xx denotes CCT

DL-RH series	Part No.	Power Consumption	Typical Flux(lm)	CCT (°K)	Angle	Ra	Dimensions (mm)	Hole cut-out Dia (mm)
	DL6-BS-30SD-R-xx	30W	2850	Cool (CW) 5700K	100°	>82	Φ185x90	Φ170
	DL8-BS-40SD-R-xx	40W	3800	Natural (NAW) 4500K			Φ230x110	Φ210
	DL10-BS-60SD-R-xx	60W	5700				Φ282x130	Φ265
				Warm (WW) 3000K				

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DL-WA series	Part No.	Power Consumption	Typical Flux(lm)	CCT (°K)	Angle	Ra	Dimensions (mm)	Hole cut-out Dia (mm)
	DL2-WA-07SD-xx	7W	630	Cool (CW) 5700K  Natural (NAW) 4500K  Warm (WW) 3000K	90°	>82	Φ90x57	Φ75
	DL3-WA-13SD-xx	13W	1160				Φ109x70	Φ85-90
	DL4-WA-10SD-xx	10W	815				Ø140x60	Ø120
	DL4-WA-18SD-xx	18W	1800				Φ137x85	Φ115-120
	DL5-WA-12SD-xx	12W	1200				Φ165	Φ 140-150
	DL5-WA-18SD-xx	18W	1800					
	DL5-WA-25SD-xx	25W	2500					
	DL6-WA-30SD-xx	30W	3000				Φ195x107	Φ170-180
	DL8-WA-40SD-xx	40W	4100				Φ235x128	Φ200-215

There are 2 reflector styles 1) White 2) Silver

DL-YW series	Part No.	Power Consumption	Typical Flux(lm)	CCT (°K)	Angle	Ra	Dimensions (mm)	Hole cut-out Dia (mm)
	DL24-YW-xx-220	24W	2400	Cool (CW) 5700K Natural (NAW) 4500K Warm (WW) 3000K	80°	>80	Φ240x95	Φ220
	DL32-YW-xx-220	32W	2880					
	DL40-YW-xx-220	40W	3900					

There are 2 reflector styles 1) White 2) Silver

xx denotes CCT

### Dimmable and Emergency Options are available

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