

[RIPPLE]

CLASSIC LED DOWNLIGHT

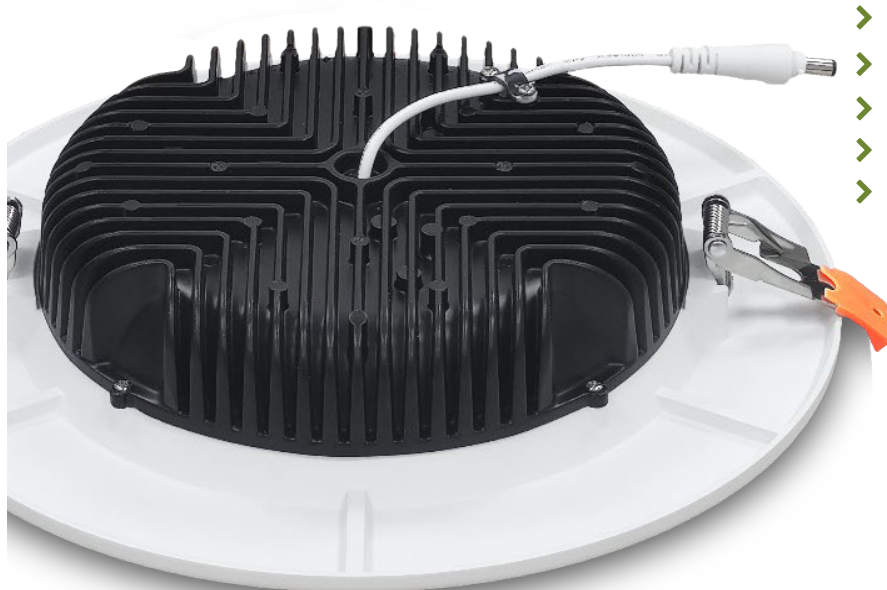


Description

The [RIPPLE] features a premium aluminium body and low glare diffuser, specifically designed to replace metal halide and PLC fittings in commercial and retail applications. Large angle illumination with light transmission covering a wide area, making the space more spacious and comfortable.

Key Features

- Warranty: 5 years
- High efficiency, up to 110lm/W
- FLICKER-FREE
- 3 CCTs switchable
- Triac dim optional
- Low profile body designed for "hassle-free" installation
- Cast aluminium heat sink for extended lifespan
- Recessed diffuser to minimise glare
- Utilising tier 1 components for a long service life of ≥50,000 hours



Specification

Optical Parameters

CCT	3000K - 4000K - 5700K 3 CCTs Switchable
CRI(Ra)	>83
SDCM	6 (@3000K~5000K)
UGR	22
Beam angle	110°
Lamp Color RAL	White (RAL 9003)
Material	PCB: MCPCB AL
	Structure: aluminum
	White painted

Lifetime

Warranty	5 years
L70B30	100,000+ hours
L80B10	80,000 hours
L90B10	50,000 hours
Driver failure rate	0.2% per 5000 hours
maintenance	Optical module sealed for life; no internal cleaning required

Electrical Parameters

Dimming	Triac optional
Input voltage	220-240Vac 50/60Hz
PF	>0.95
PE	0.88
Over load/short Circuit	Protection
Driver Connection	Push-in connector (PI) with DC V2 connector
Hi-pot Test Range	SELV Isolated Driver, 3750Vdc/5mA/60S

Installation Information

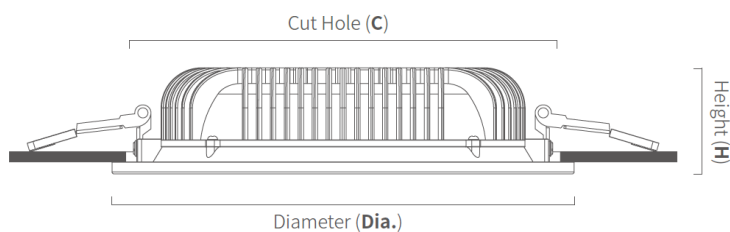
"Average ambient temperature"	"Average ambient : +25 °c Operating temperature range: -10 to +40 °C"
Ceiling type	Exposed T-bar ceiling
Light source	Non-replaceable LED module
IP	Facial IP44, Driver IP20
IK	IK04

Model List

Inch	Model	Size	Power(w)	LPW(lm/w)	Brightness(lm) 3000K
3.5"	DR-35	Ø106	12	100	1200
5"	DR-5	Ø156	15	100	1500
6"	DR-6	Ø194	20	100	2000
8"	DR-8	Ø229	23	100	2300
10"	DR-10	Ø270	23	100	2300

Inch	Model	"LED Q'ty"	"LED Class"	Package CTN			Q'ty CTN 40HQ	
				Ctn Size(mm)	G.W kg	N.W kg		
3.5"	DR-35	120	D195	625x300x440	25.00	23.70	48	38016
5"	DR-5	144	D195	670x400x590	29.80	28.50	48	16896
6"	DR-6	192	D195	670x250x700	23.08	21.78	24	13680
8"	DR-8	216	D195	670x275x530	19.40	18.10	16	11120
10"	DR-10	216	D195	535x300x590	21.00	19.60	16	10912

Dimensional Drawing



Inch	Model	Dia	H (height)	C (cut-hole)
3.5"	DR-35	Ø106	46	Ø95
5"	DR-5	Ø156	52	Ø145
6"	DR-6	Ø194	24	Ø175
8"	DR-8	Ø229	16	Ø215
10"	DR-10	Ø270	16	Ø215