

Design & Manufacturers of Lighting solutions
Industrial • Commercial • Retail • Bespoke

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EDL-R 6" Downlight

Product Overview



Dimensions:

Trim ring diameter: 170mm

Height: 100mm

Cut-out: 155mm

Total weight (CKD): 0.76 Kg

Material:

Heatsink: Aluminium LM6

Trim ring: Aluminium LM6

Reflector: Aluminium 1090

Reflector clip: Stainless steel 201

Glass: Transparent

Mounting clips: Nickel plated iron

Mechanical parameters:

IP rating: 20

LED Module parameters:

Type: COB + D50 COB holder required

Mounting distance: 35mm

COB LES: 13mm

COB height: 3.5mm

Max LED wattage: 25W

Features:

Distributions: 45° / 60°

Trim ring finish: White / Black / Other

Male / female connector for plug and play (COB to LED driver)

Available in:

CKD format

Populated

Applications:



Retail



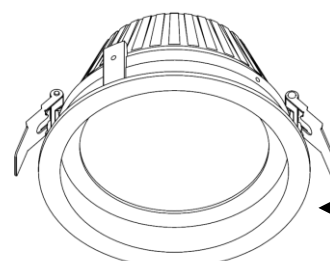
Public
Facilities



Hospitality



Commercial

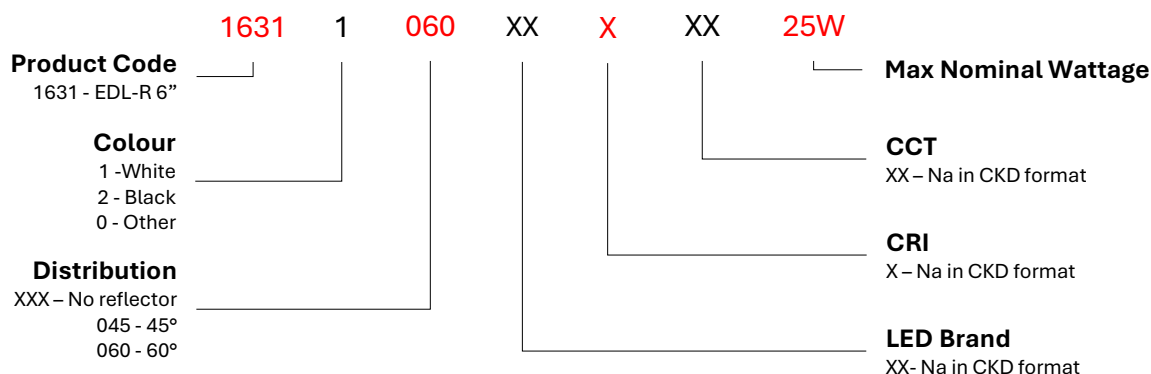


H: 100mm
Ø: 170mm

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EDL-R 6" Downlight CKD format



EDL-R 6" Downlight CKD format

Colour	Distribution (°)	Code
White	No Reflector	16311XXXXXXXXX25W
Black	No Reflector	16312XXXXXXXXX25W
White	45	16311045XXXXXX25W
Black	45	16312045XXXXXX25W
White	60	16311060XXXXXX25W
Black	60	16312060XXXXXX25W

Complete knock-down kit – excludes LED component

EDL-R 6" Downlight reflector

Distribution (°)	Code
45	160/R045/0
60	160/R060/0

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EDL-R 6" Downlight populated format

1631 1 060 BR 8 30 25W

Product Code _____
1631 - EDL-R 6"

Colour
1 - White
2 - Black
0 - Other

Distribution
XXX - No reflector
045 - 45°
060 - 60°

LED Brand
BR- Bridgelux

CRI
8 - 80
9 - 90

CCT
30 - 3000K
40 - 4000K
50 - 5000K

Max Nominal Wattage _____

CCT	Distribution	Nominal wattage	Drive current	Voltage	Lumens	Lumen/Watt	UGR
(K)	(°)	(W)	(mA)	(Vf)	(lm)	(lm/W)	(UGR)
3000 (Gen8)	45	11.6	350	33.2	1 601	138	16.8
		16.9	500	33.8	2 236	133	18.4
		24.2	700	34.6	3 022	125	19.6
	60	11.6	350	33.2	1 628	141	16.5
		16.9	500	33.8	2 276	135	18.0
		24.2	700	34.6	3 077	127	19.1
4000 (Gen8)	45	11.6	350	33.2	1 667	144	16.8
		16.9	500	33.8	2 330	138	18.2
		24.2	700	34.6	3 163	131	19.5
	60	11.6	350	33.2	1 645	141	16.7
		16.9	500	33.8	2 284	135	18.1
		24.2	700	34.6	3 072	127	19.4

Based on: Bridgelux / CRI > 80

5-year warranty

Tolerance range of optical and electrical data is ± 7%.

Data excludes losses of a constant current power supply

Optical and electrical data may increase or decrease with a change of specifications and availability of components.

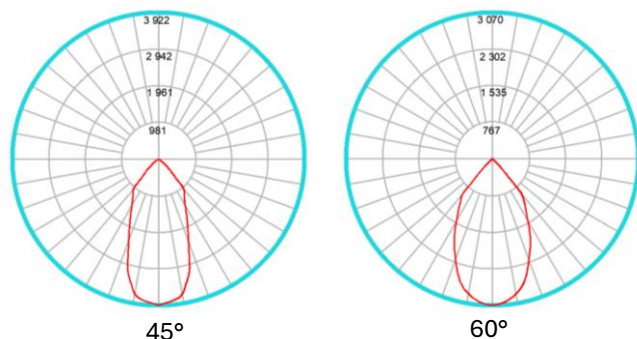
Please note: Data may be rounded up/down for illustrative purposes. We reserve the right to amend or change details without prior notification. E&OE

REV20241010

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EDL-R 6" Downlight distributions



EDL-R 6" Downlight parts

Number	Parts	Units
	Heatsink	1
	EDL-R 6" ring	1
	EDL-R 6" mounting clip	2
	Reflector	1
	Reflector clip	1
	Male/female connector	1
	COB mounting screw	2
	Unit packaging	1
	Packaging insert	1

EDL-R 6" Downlight packaging CKD Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	20.5 x 20.5 x 12.8	0.626	0.758	1
Carton Size	43.0 43.0 x 27.6	5	7	8

EDL-R 6" Downlight packaging Populated Format

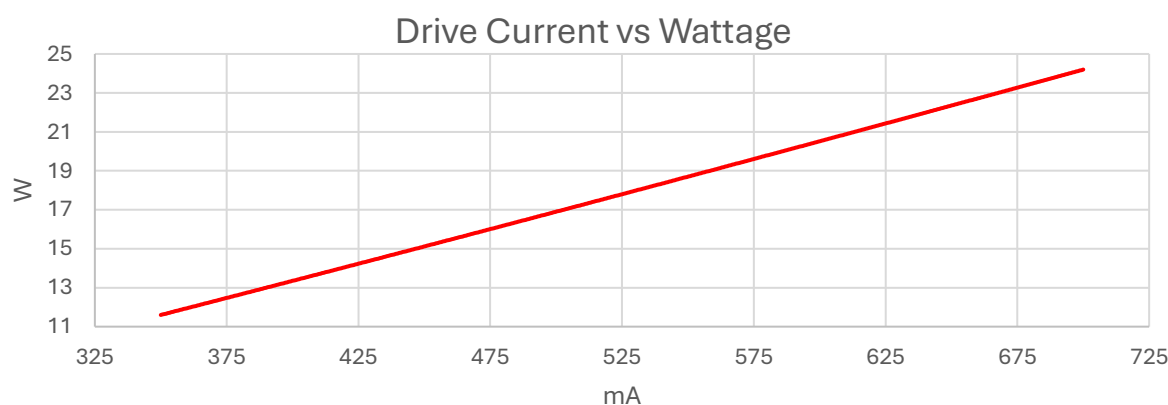
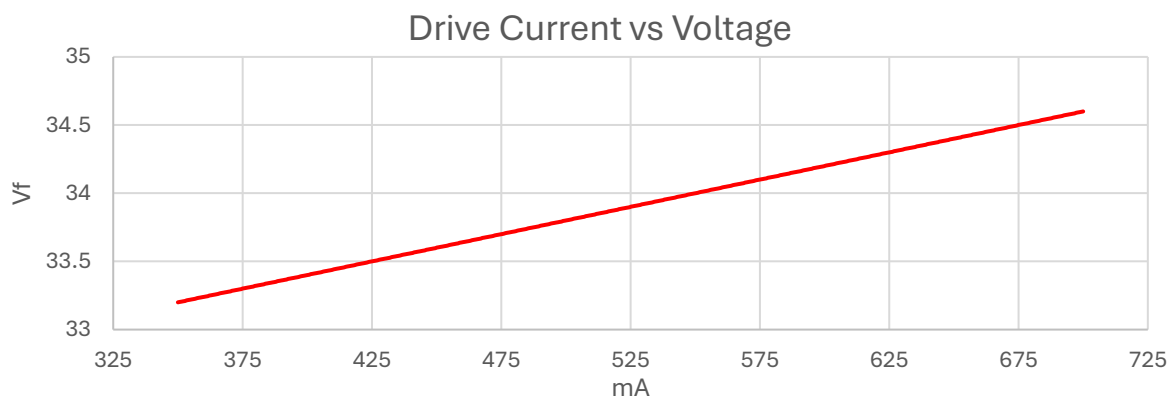
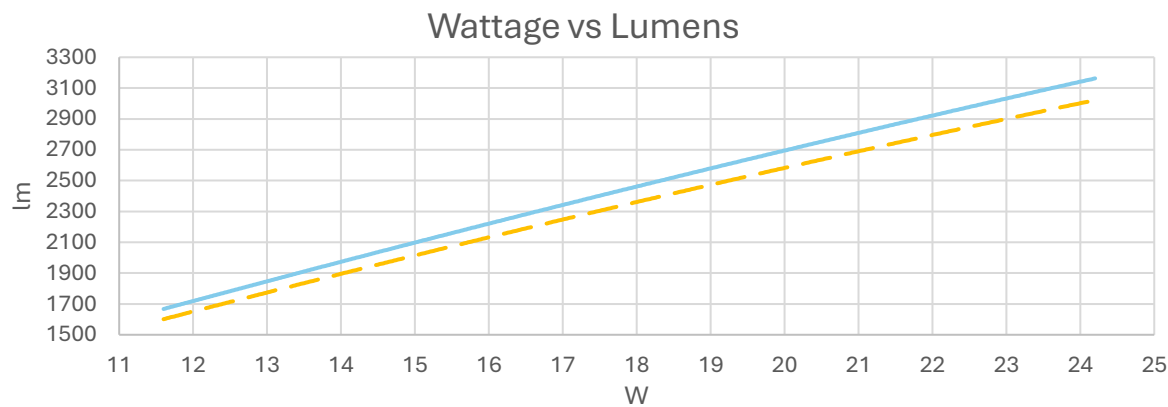
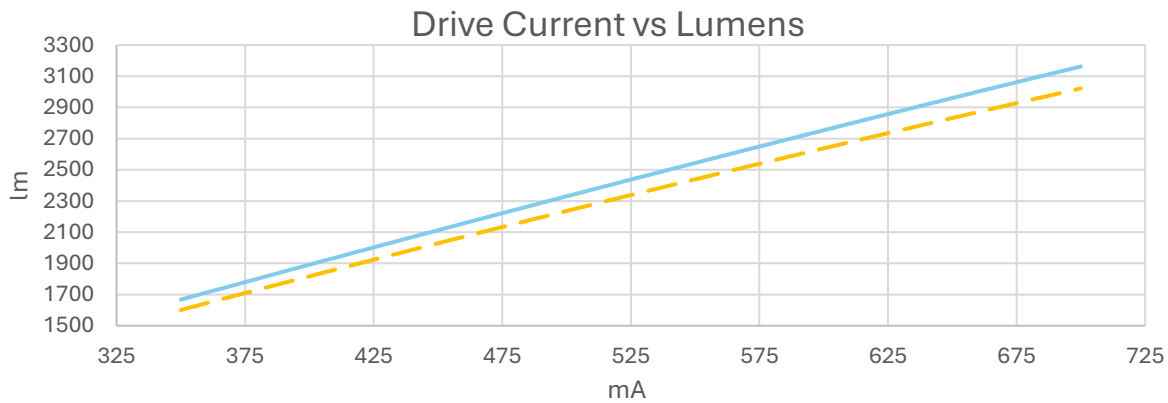
Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	20.5 x 20.5 x 12.8	0.663	0.765	1
Carton Size	43.0 43.0 x 27.6	5	7	8

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EDL-R 6" Downlight Performance Curve

CRI > 80 / 45° — 3000K — 4000K



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EDL-R 6" Downlight compatibility products

Image	Compatible attachment:
1	EDL-R 8"ring

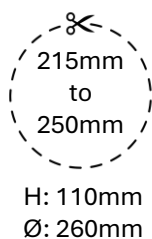


Image	Compatible Heatsink:
2	DLV-R 6" Heatsink

