

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

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DLV-R Scoop Downlight

Product Overview



Dimensions:

Trim ring diameter: 170mm

Height: 120mm

Cut-out: 155mm

Total weight (CKD): 0.766 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: 42W

Features:

Distributions: 24° / 45°

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



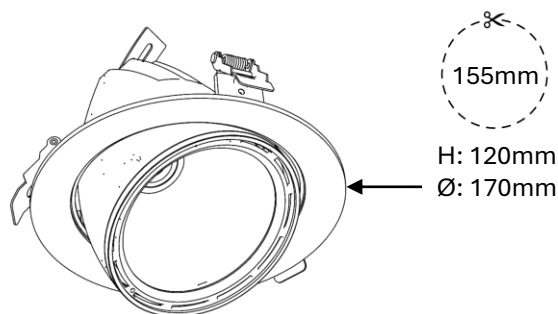
Hospitality



Commercial



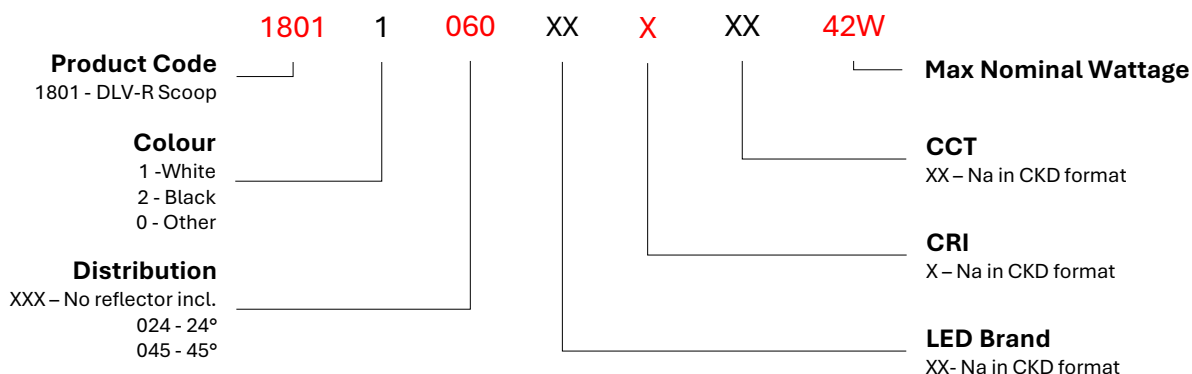
Residential



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DLV-R Scoop Downlight CKD format



DLV-R Scoop Downlight CKD format (Incl. reflector)

Colour	Distribution (°)	Code
White	24	18011045XXXXXX42W
Black	24	18021045XXXXXX42W
White	45	18011045XXXXXX42W
Black	45	18021045XXXXXX42W
Complete knock-down kit – excludes LED component		

DLV-R Scoop Downlight CKD format (Excl. reflector)

Colour	Distribution (°)	Code
White	No Reflector	18011XXXXXXXXX42W
Black	No Reflector	18021XXXXXXXXX42W
Complete knock-down kit – excludes LED component		

DLV-R Scoop Downlight reflector

Distribution (°)	Code
24	180/R024/0
45	180/R045/0

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DLV-R Scoop Downlight populated format

1801 1 060 BR 8 30 42W

Product Code

1801 - DLV-R Scoop

Colour

1 - White
2 - Black
0 - Other

Distribution

024 - 24°
045 - 45°

LED Brand

BR- Bridgelux

CRI

8 - 80
9 - 90

CCT

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

Max Nominal Wattage

CCT (K)	Distribution (°)	Nominal wattage (W)	Drive current (mA)	Voltage (Vf)	Lumens (lm)	Lumen/Watt (lm/W)	UGR (UGR)
3000	24	11.6	350	33.2	1 749	151	8.8
		16.9	500	33.8	2 446	145	10.9
		24.2	700	34.6	3 223	133	4.1
		30.0	850	35.2	3 830	128	4.7
	45	11.6	350	33.2	1 715	148	10.1
		16.9	500	33.8	2 393	142	11.9
		24.2	700	34.6	3 250	134	13.4
		30.0	850	35.2	3 869	129	14.2
4000	24	11.6	350	33.2	1 831	157	7.9
		16.9	500	33.8	2 568	151	10.1
		24.2	700	34.6	3 392	139	4.2
		30.0	850	35.2	4 025	133	4.8
	45	11.6	350	33.2	1 772	152	11.0
		16.9	500	33.8	2 478	146	12.5
		24.2	700	34.6	3 367	138	14.0
		30.0	850	35.2	4 010	133	14.7

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.

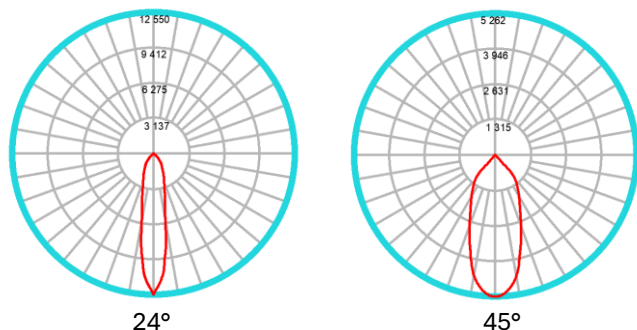
Please note: Data may be rounded up/down for illustrative purposes. We reserve the right to amend or change details without prior notification. E&OE

REV20240913

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DLV-R Scoop Downlight distributions



DLV-R Scoop Downlight parts

Number	Parts	Units
	Heatsink	1
	DLV-R Scoop rings	1
	DLV-R Scoop mounting clip	3
	Reflector	1
	Reflector clip	1
	Male/female connector	1
	COB mounting screw	2
	Unit packaging	1
	Packaging insert	1

DLV-R Scoop Downlight packaging CKD Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	19.0 x 19.0 x 13.5	0.766	0.885	1
Carton Size	59.0 x 59.0 x 30.0	14	17	18

DLV-R Scoop Downlight packaging Populated Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	19.0 x 19.0 x 13.5	0.773	0.892	1
Carton Size	59.0 x 59.0 x 30.0	14	17	18

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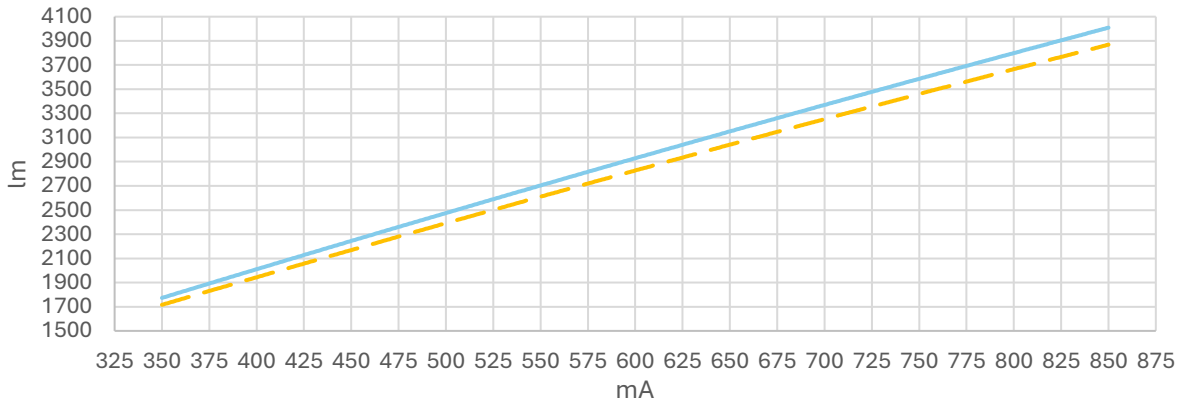
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DLV-R Scoop Downlight Performance Curve

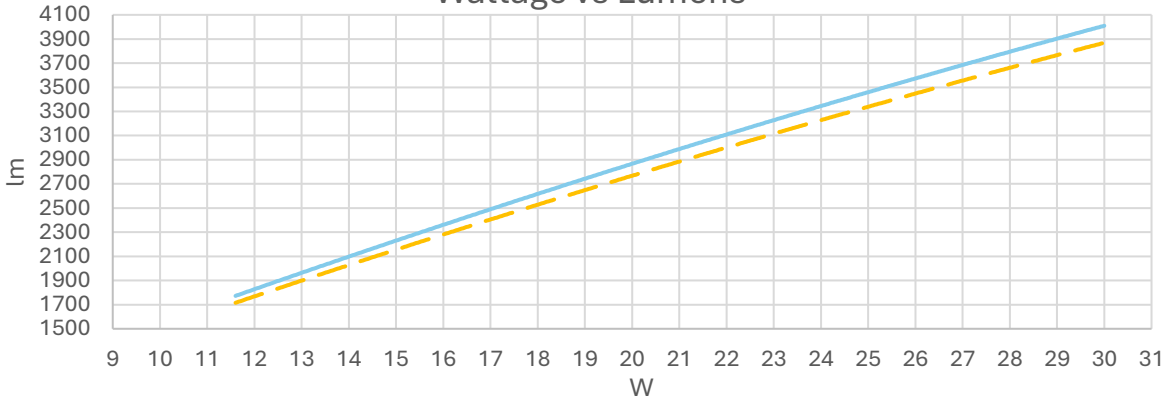
CRI > 80 / 45°

— 3000K — 4000K

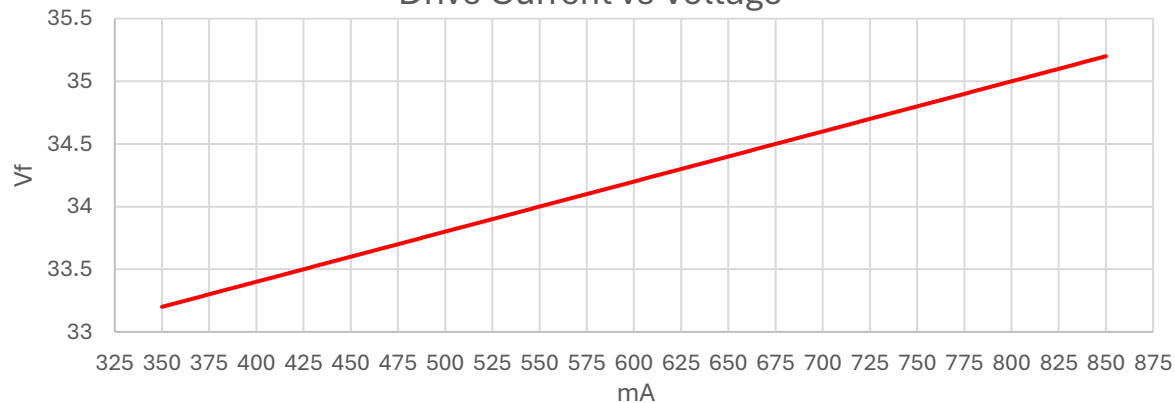
Drive Current vs Lumens



Wattage vs Lumens



Drive Current vs Voltage



Drive Current vs Wattage

