

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

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DLV-R 4.5" Tilt Downlight



Product Overview

Dimensions:

Trim ring diameter: 130mm
Height: 116mm
Cut-out: 115mm
Total weight (CKD): 0.579Kg

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: 32W

Features:

Distributions: 18° / 24° / 36° / 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



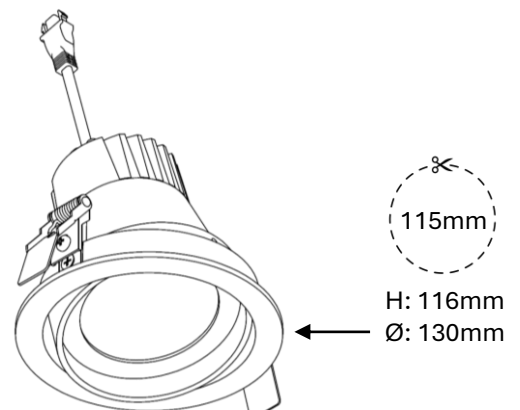
Hospitality



Commercial



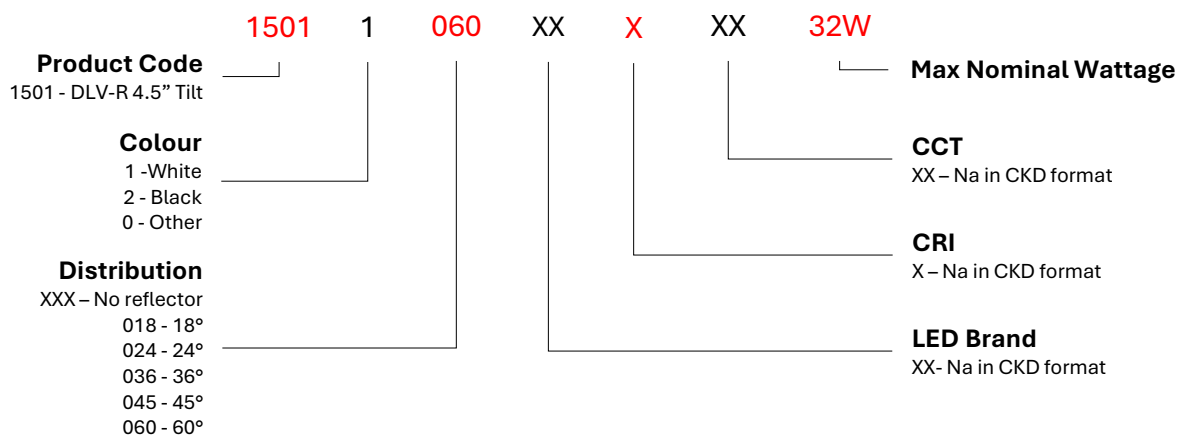
Residential



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DLV-R 4.5" Tilt Downlight CKD format



DLV-R 4.5" Tilt Downlight CKD format

Colour	Distribution (°)	Code
White	No Reflector	15011XXXXXXXXX32W
Black	No Reflector	15012XXXXXXXXX32W
White	18	15011018XXXXXX32W
Black	18	15012018XXXXXX32W
White	24	15011024XXXXXX32W
Black	24	15012024XXXXXX32W
White	36	15011036XXXXXX32W
Black	36	15012036XXXXXX32W
White	45	15011045XXXXXX32W
Black	45	15012045XXXXXX32W
White	60	15011060XXXXXX32W
Black	60	15012060XXXXXX32W

Complete knock-down kit – excludes LED component

DLV-R 4.5" Tilt Downlight reflector

Distribution (°)	Code
18	210/R018/0
24	210/R024/0
36	210/R036/0
45	130/R045/0
60	130/R060/0

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DLV-R 4.5" Tilt Downlight populated format

1501 1 060 BR 8 30 32W

Product Code
 1501 - DLV-R 4.5" Tilt

Colour
 1 - White
 2 - Black
 0 - Other

Distribution
 XXX - No reflector
 018 - 18°
 024 - 24°
 036 - 36°
 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)	18	11.5	350	32.8	1 630	142	7.8
		16.7	500	33.3	2 192	132	2.7
		23.8	700	34.0	2 985	126	3.8
		29.3	850	34.5	3 539	121	4.8
	24	11.5	350	32.8	1 575	137	8.7
		16.7	500	33.3	2 198	132	10.3
		23.8	700	34.0	2 888	121	3.7
		29.3	850	34.5	3 415	117	5.5
	36	11.5	350	32.8	1 571	137	7.9
		16.7	500	33.3	2 191	132	9.7
		23.8	700	34.0	2 966	125	11.2
		29.3	850	34.5	3 542	121	11.9
	45	11.5	350	32.8	1 539	134	9.9
		16.7	500	33.3	2 148	129	11.6
		23.8	700	34.0	2 903	122	12.8
		29.3	850	34.5	3 436	117	13.5
	60	11.5	350	32.8	1 556	136	10.5
		16.7	500	33.3	2 160	130	12.1
		23.8	700	34.0	2 927	123	13.4
		29.3	850	34.5	3 458	118	14.1

Based on: Bridgelux / CRI > 80 / DLV-R 4"

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

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DLV-R 4.5" Tilt Downlight populated format

1501 1 060 BR 8 40 32W

Product Code

1501 - DLV-R 4.5" Tilt

Colour

1 - White
2 - Black
0 - Other

Distribution

XXX - No reflector
018 - 18°
024 - 24°
036 - 36°
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)
4000 (Gen8)	18	11.5	350	32.8	1 675	145	7.3
		16.7	500	33.3	2 267	135	2.8
		23.8	700	34.0	3 079	128	3.9
		29.3	850	34.5	3 666	124	4.5
	24	11.5	350	32.8	1 625	140	7.9
		16.7	500	33.3	2 271	135	9.6
		23.8	700	34.0	2 983	124	3.8
		29.3	850	34.5	3 559	120	4.8
	36	11.5	350	32.8	1 618	140	6.9
		16.7	500	33.3	2 262	135	8.5
		23.8	700	34.0	3 059	128	10.0
		29.3	850	34.5	3 641	123	10.9
	45	11.5	350	32.8	1 593	138	9.0
		16.7	500	33.3	2 225	132	10.5
		23.8	700	34.0	3 018	126	11.9
		29.3	850	34.5	3 591	121	12.6
	60	11.5	350	32.8	1 619	140	9.5
		16.7	500	33.3	2 269	135	11.1
		23.8	700	34.0	3 059	127	12.5
		29.3	850	34.5	3 617	122	13.2

Based on: Bridgelux / CRI > 80 / DLV-R 4"

5-year warranty

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

Data excludes losses of a constant current power supply

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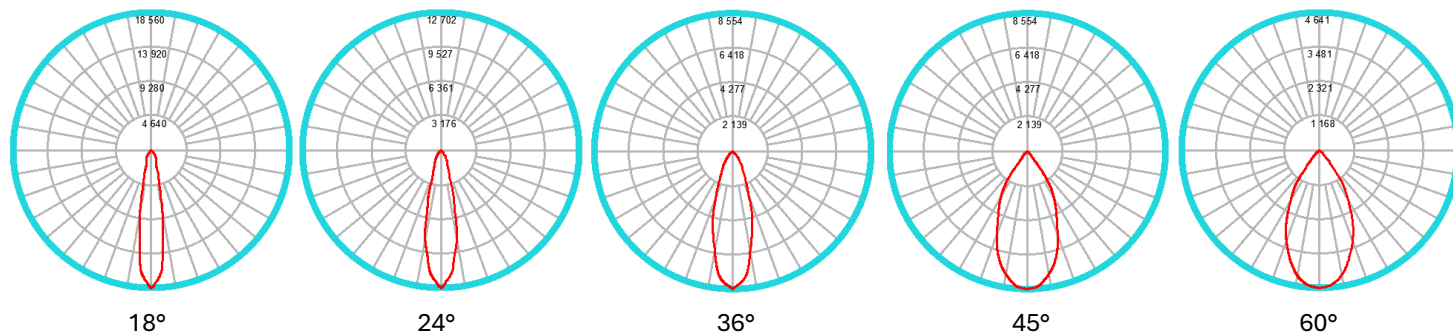
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DLV-R 4.5" Tilt Downlight distributions



DLV-R 4.5" Tilt Downlight parts

Number	Parts	Units
	Heatsink	1
	DLV-R 4.5" tilt ring	1
	DLV-R 4.5" mounting clip	2
	Reflector	1
	Reflector clip	1
	Male/female connector	1
	COB mounting screw	2
	Unit packaging	1
	Packaging insert	1

DLV-R 4.5" Tilt Downlight packaging CKD Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	13.8 x 13.8 x 13.6	0.5	0.579	1
Carton Size	43.5 x 43.5 x 30.0	9	11.422	18

DLV-R 4.5" Tilt Downlight packaging Populated Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	13.8 x 13.8 x 13.6	0.507	0.586	1
Carton Size	43.5 x 43.5 x 30.0	9.126	11.548	18

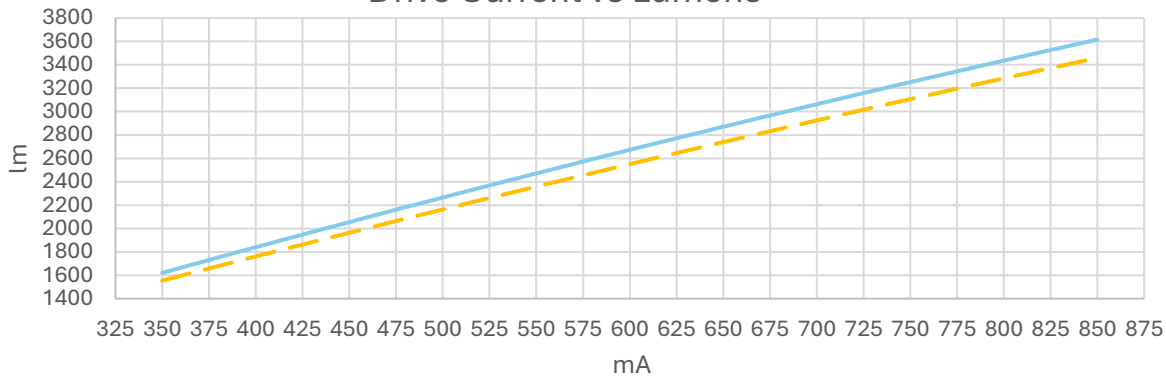
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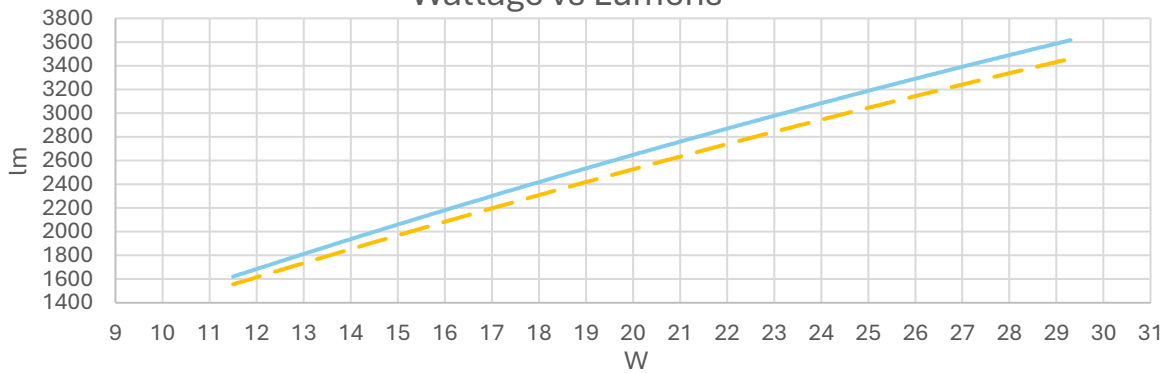
DLV-R 4.5" Tilt Downlight Performance Curve

CRI > 80 / 60° 3000K 4000K

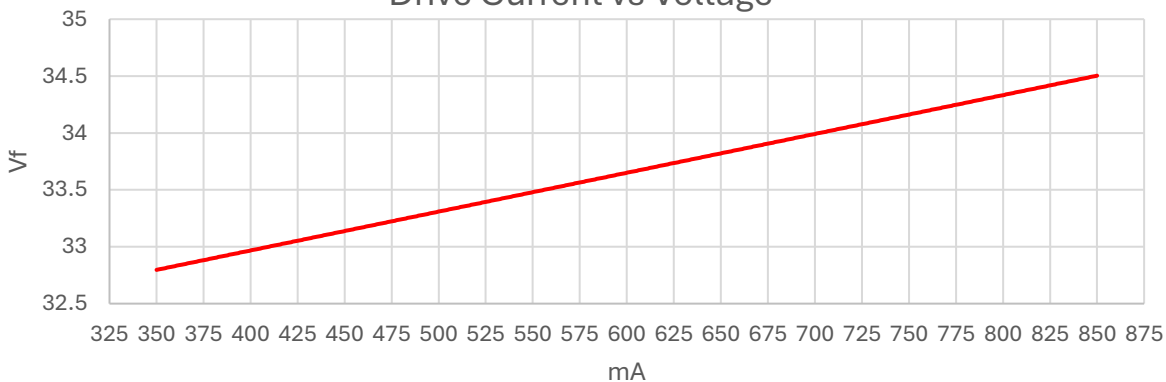
Drive Current vs Lumens



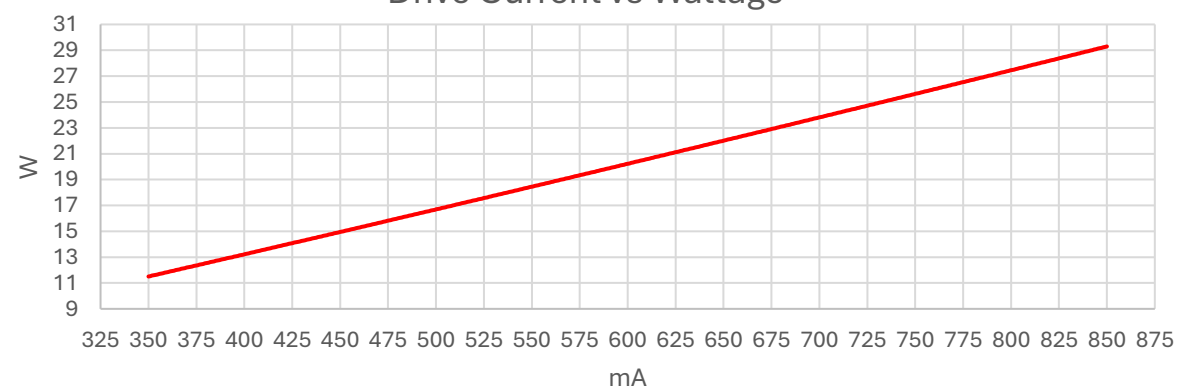
Wattage vs Lumens



Drive Current vs Voltage



Drive Current vs Wattage



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DLV-R 4.5" Tilt Downlight compatibility products

Image	Compatible attachment:
1	DLV-R 4" ring
2	DLV-R 5" ring
3	DLV-R gimbal round
4	DLV-R gimbal

(1)



H: 116mm
Ø: 116mm

(2)



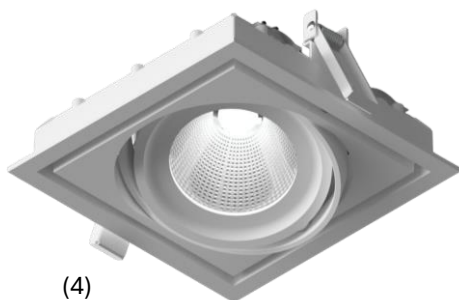
H: 125mm
Ø: 145mm

(3)

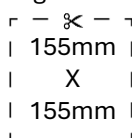


H: 116mm
Ø: 170mm

(4)

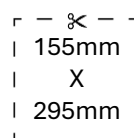


Single Config.



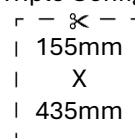
H: 116mm
L x W: 170 x 170mm

Double Config.



H: 116mm
L x W: 170 x 315mm

Triple Config.



H: 116mm
L x W: 170 x 435mm