

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

www.Luminairdesigncompany.com

DLV-R 3" Downlight



Applications:



Retail



Public
Facilities



Hospitality



Commercial



Residential

Product Overview

Dimensions:

Trim ring diameter: 92mm
Height: 76mm
Cut-out: 82mm
Total weight (CKD): 0.189Kg

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:

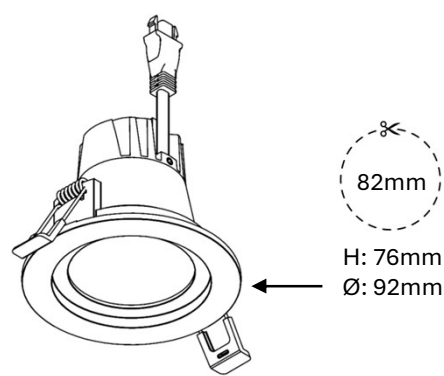
Type: COB + D35 COB holder required
Mounting distance: 19 and 25mm
COB LES: 10mm
COB height: 3.5mm
Max LED wattage: 13W

Features:

Distributions: 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



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DLV-R 3" Downlight CKD format

1011 1 060 XX X XX 13W

Product Code

Colour
1 - White
2 - Black
0 - Other

Distribution
XXX - No reflector
036 - 36°
045 - 45°
060 - 60°

LED Brand
XX - Na in CKD format

CRI
X - Na in CKD format

CCT
XX - Na in CKD format

Max Nominal Wattage

DLV-R 3" Downlight CKD format

Colour	Distribution (°)	Code
White	No Reflector	10111XXXXXXXX13W
Black	No Reflector	10112XXXXXXXX13W
White	36	10111036XXXXX13W
Black	36	10112036XXXXX13W
White	45	10111045XXXXX13W
Black	45	10112045XXXXX13W
White	60	10111060XXXXX13W
Black	60	10112060XXXXX13W

Complete knock-down kit – excludes LED component

DLV-R 3" Downlight reflector

Distribution (°)	Code
36	101/R036/0
45	101/R045/0
60	101/R060/0

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DLV-R 3" Downlight populated format

1011 1 060 BR 8 40 13W

Product Code
 1011 - DLV-R 3"

Colour
 1 - White
 2 - Black
 0 - Other

Distribution
 XXX - No reflector
 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)	36	6.3	250	25.3	829	133	4.4
		9.1	350	25.8	1 136	128	6.1
		13.3	500	26.6	1 563	120	7.8
	45	6.3	250	25.3	823	132	5.0
		9.1	350	25.8	1 128	127	6.7
		13.3	500	26.6	1 556	119	8.2
	60	6.3	250	25.3	853	136	9.4
		9.1	350	25.8	1 155	129	9.9
		13.3	500	26.6	1 592	121	11.2
4000 (Gen8)	36	6.3	250	25.3	858	135	4.6
		9.1	350	25.8	1 173	129	6.2
		13.3	500	26.6	1 615	121	7.7
	45	6.3	250	25.3	874	138	4.7
		9.1	350	25.8	1 197	132	6.4
		13.3	500	26.6	1 655	124	8.1
	60	6.3	250	25.3	881	139	9.3
		9.1	350	25.8	1 192	132	9.6
		13.3	500	26.6	1 641	123	11.0

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.

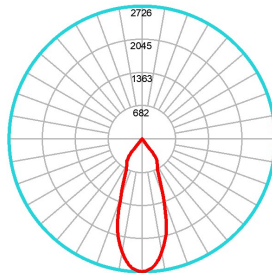
Please note: Data may be rounded up/down for illustrative purposes. We reserve the right to amend or change details without prior notification. E&OE

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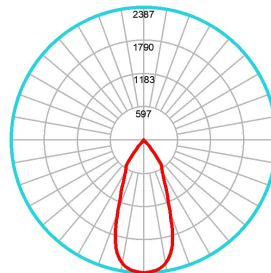
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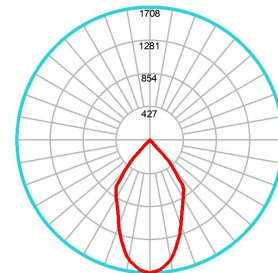
DLV-R 3" Downlight distributions



36°



45°



60°

DLV-R 3" Downlight parts

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

DLV-R 3" Downlight packaging CKD Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	12.5 x 12.5 x 10.5	0.189	0.250	1
Carton Size	52.0 x 39.2 x 34.0	7	10	36

DLV-R 3" Downlight packaging Populated Format

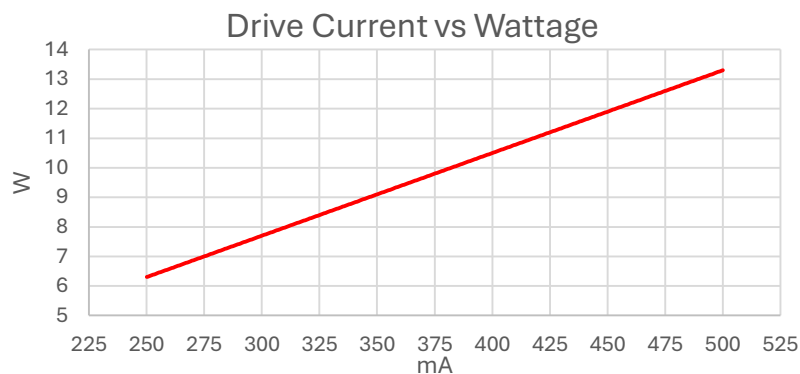
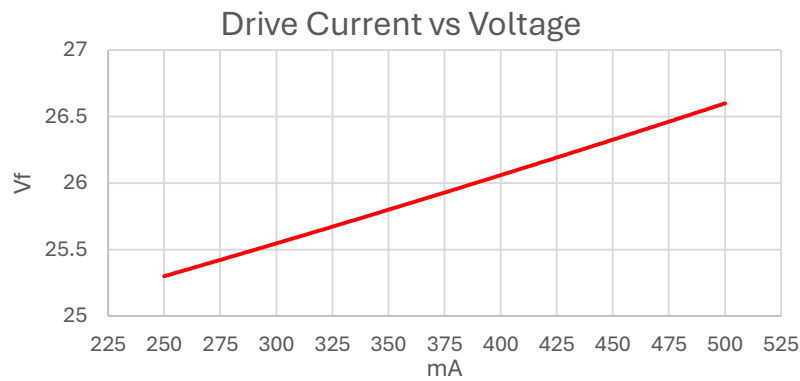
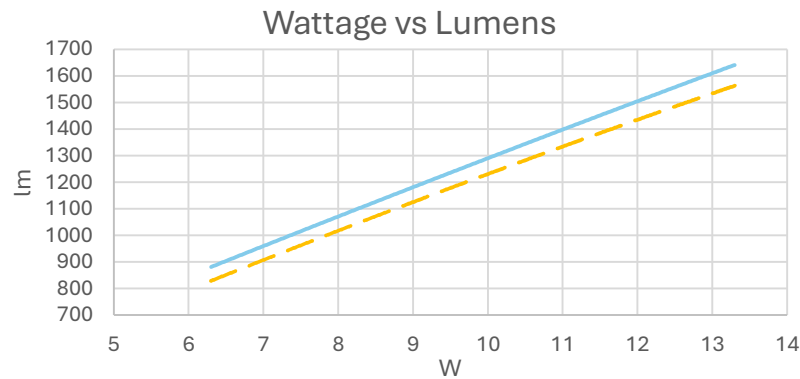
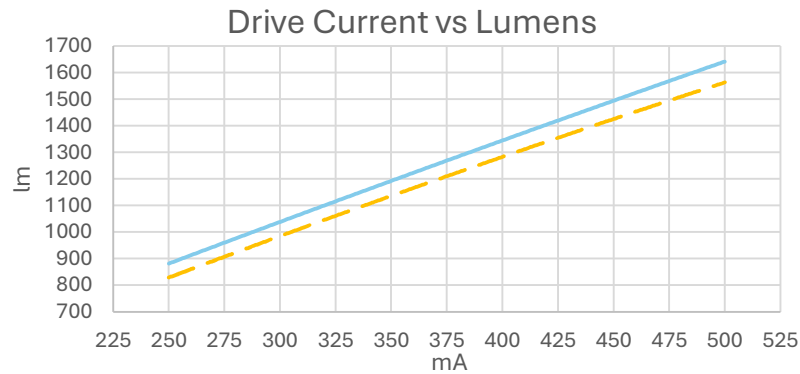
Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	12.5 x 12.5 x 10.5	0.195	0.256	1
Carton Size	52.0 x 39.2 x 34.0	7	10	36

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DLV-R 3" Downlight Performance Curve

CRI > 80 / 60° 3000K 4000K



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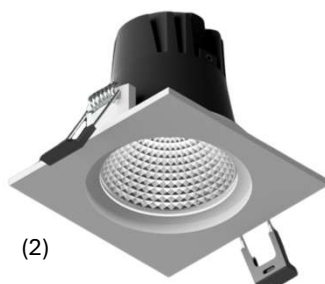
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DLV-R 3" Downlight compatibility products

Image	Compatible attachment:
1	DLV-R 3.5" tilt ring
2	DLV-R 3" SQ ring



H: 76mm
Ø: 103mm



H: 76mm
L x W: 90 x 90mm