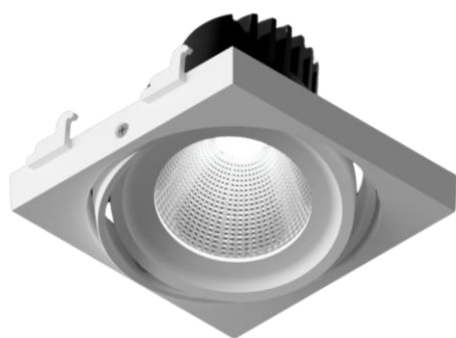


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DLV-R Gimbal Insert Downlight

Product Overview



Dimensions:

Trim ring diameter: refer to line drawings
Height: 116mm
Cut-out: refer to line drawings (According to frame)
Total weight (CKD): 0.610 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: 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

155mm
X
155mm

Single
Conf.

155mm
X
295mm

Double
Conf.

155mm
X
435mm

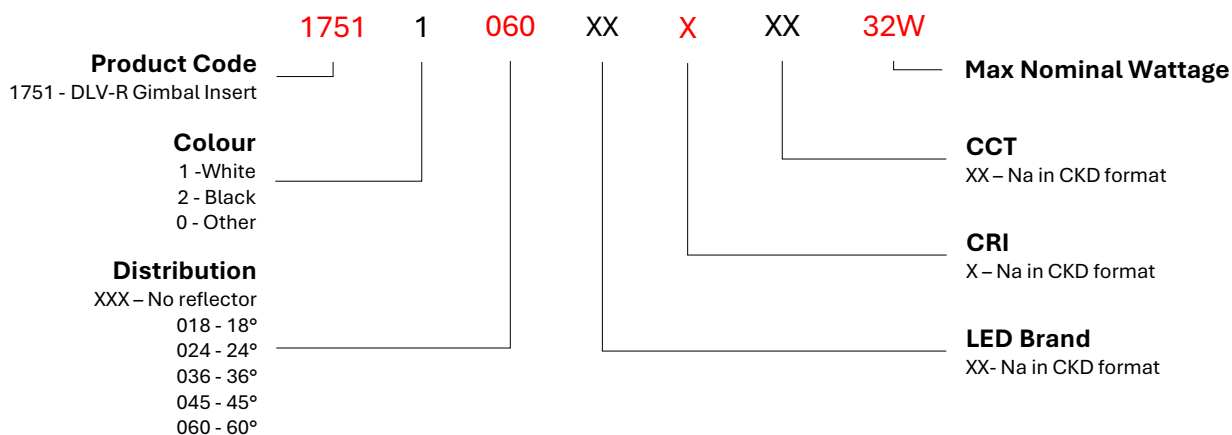
Triple
Conf.



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DLV-R Gimbal Insert Downlight CKD format



DLV-R Gimbal Insert Downlight CKD format

Colour	Distribution (°)	Code
White	No Reflector	17511XXXXXXXX32W
Black	No Reflector	17512XXXXXXXX32W
White	18	17511018XXXXX32W
Black	18	17512018XXXXX32W
White	24	17511024XXXXX32W
Black	24	17512024XXXXX32W
White	36	17511036XXXXX32W
Black	36	17512036XXXXX32W
White	45	17511045XXXXX32W
Black	45	17512045XXXXX32W
White	60	17511060XXXXX32W
Black	60	17512060XXXXX32W

Complete knock-down kit – excludes LED component

DLV-R Gimbal Insert 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 Gimbal Insert Downlight populated format

1751 1 060 BR 8 30 32W

Product Code

1751 - DLV-R Gimbal Insert

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 Gimbal Insert Downlight populated format

1751 1 060 BR 8 40 32W

Product Code

1751 - DLV-R Gimbal Insert

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

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

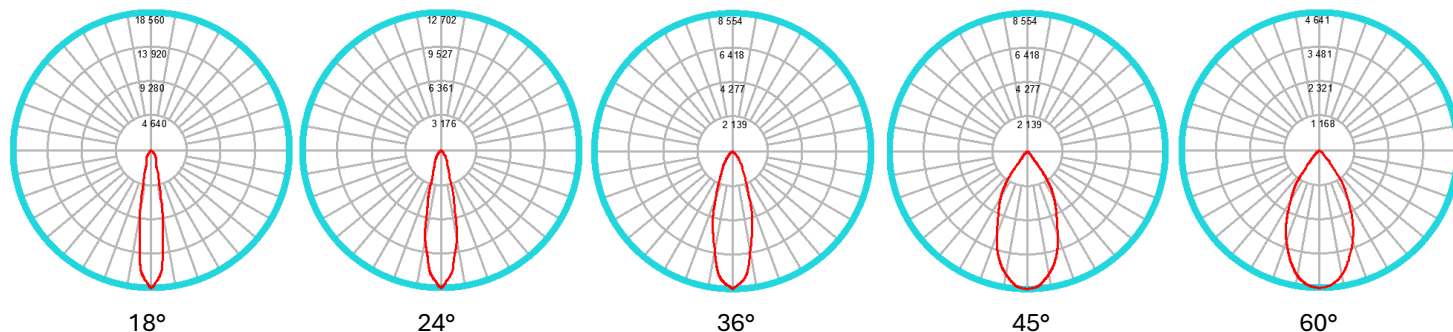
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DLV-R Gimbal Insert Downlight distributions



DLV-R Gimbal Insert Downlight parts

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

DLV-R Gimbal Insert Downlight packaging CKD Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	16.5 x 16.5 x 12.3	0.610	0.711	1
Carton Size	51.5 x 51.5 x 27.0	11	14	18

DLV-R Gimbal Insert Downlight packaging Populated Format

Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Box Size	16.5 x 16.5 x 12.3	0.617	0.718	1
Carton Size	51.5 x 51.5 x 27.0	11	14	18

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DLV-R Gimbal Insert Frames

Configuration	Colour	Code
Single	White	175/Frame1/1
	Black	175/Frame1/2
Double	White	175/Frame2/1
	Black	175/Frame2/2
Triple	White	175/Frame3/1
	Black	175/Frame3/2

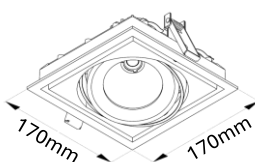
Frames are supplied separately / Single: 1 x Gimbal insert / Double: 2 x Gimbal inserts / Triple: 3 x Gimbal inserts

DLV-R Gimbal frame packaging

Frame	Packaging	Dimensions (cm)	Net weight (Kg)	Gross Weight (Kg)	Units
Single	Box Size	20.5 x 18.5 x 7.5	0.28	0.34	1
	Carton Size	43.0 x 39.0 x 40.5	5.6	7.5	20
Double	Box Size	32.5 x 21.5 x 8.0	0.46	0.58	1
	Carton Size	66.0 x 34.5 x 66.0	11.04	15.32	24
Triple	Box Size	46.5 x 20.5 x 9.0	0.50	0.78	1
	Carton Size	63.5 x 48.5 x 38.0	6.0	10.66	12

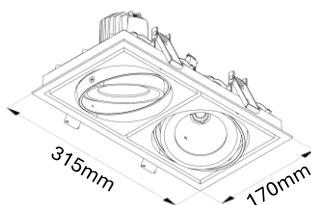
DLV-R Gimbal illustrations with insert(s) and frame

Single
Conf.



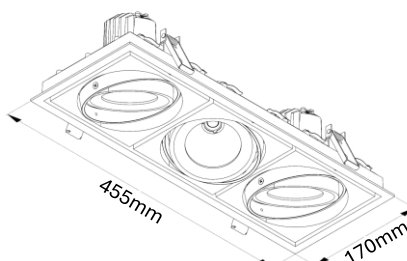
155mm
X
155mm

Double
Conf.



155mm
X
295mm

Triple
Conf.



155mm
X
435mm

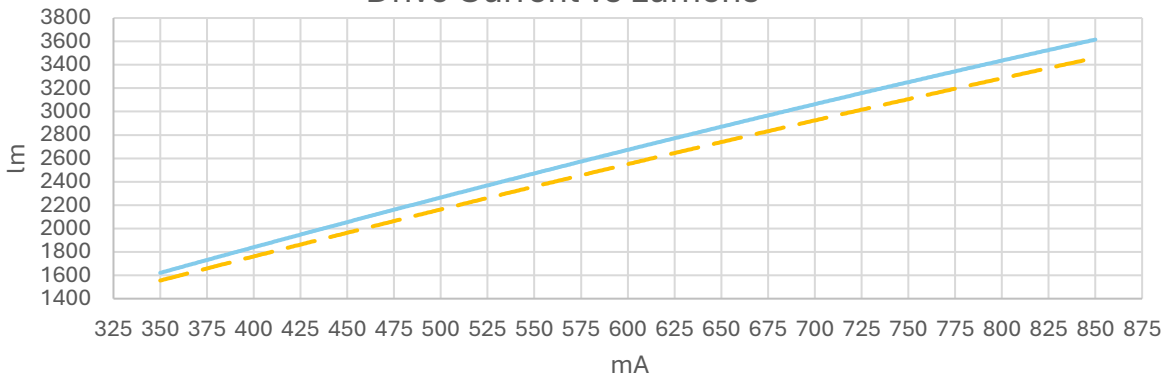
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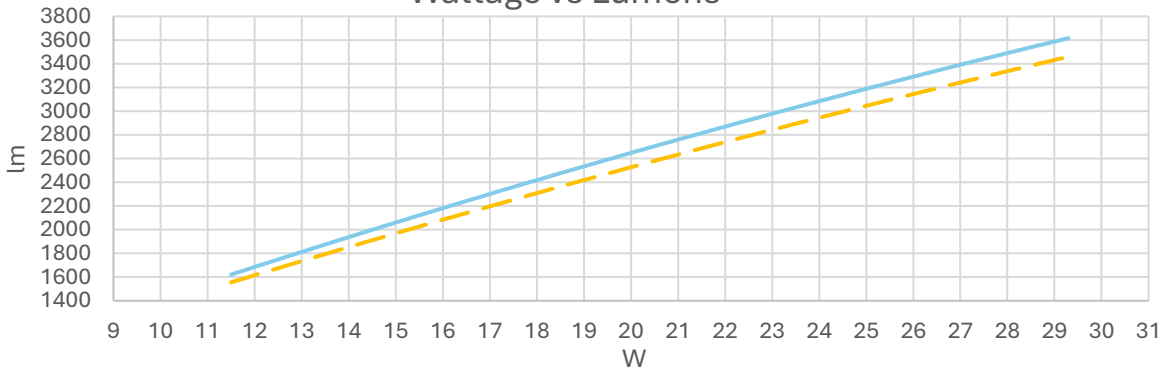
DLV-R Gimbal Insert Downlight Performance Curve

CRI > 80 / 60° 3000K 4000K

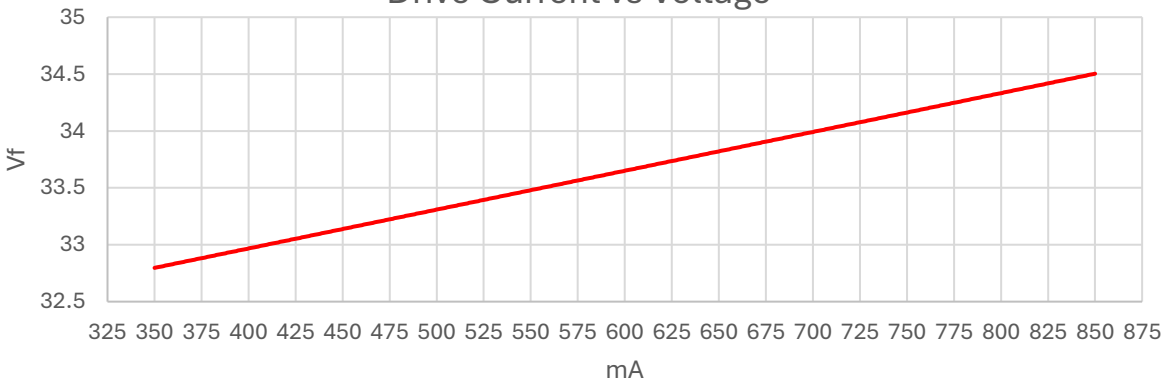
Drive Current vs Lumens



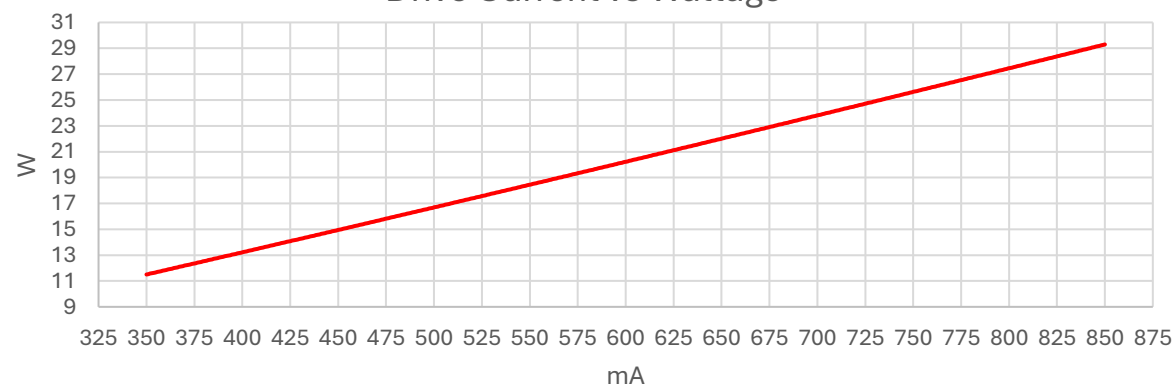
Wattage vs Lumens



Drive Current vs Voltage



Drive Current vs Wattage



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DLV-R Gimbal Insert Downlight compatibility products

Image	Compatible attachment:
1	DLV-R 4" ring
2	DLV-R 4.5" tilt ring
3	DLV-R 5" ring
4	DLV-R gimbal round

(1)



H: 116mm
Ø: 116mm

(2)



H: 116mm
Ø: 130mm

(3)



H: 125mm
Ø: 145mm

(4)



H: 116mm
Ø: 170mm