

Product Specification



LED Down Light
RDL Integral Driver Series



Product Features

- Integral Driver
- 3 Colour Adjustable (3000K/4000K/5000K)
- Ø85, Ø115, Ø145, Ø170, Ø190 and Ø225mm size options available
- Dimmable
- IP54 (front only)
- 0.6m Flex cable and plug included

Options:

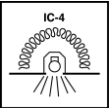


Black Trim
(In some models)



Brushed Chrome Trim
(In some models)

Specification Overview



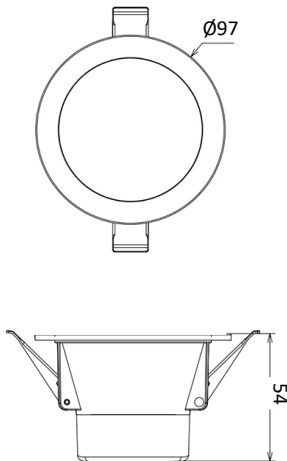
Model	Power	Input	Colour Temp	Lumens	Beam Angle	Trim Colour	Dimensions
RDL-0770-3C-W	7W	220~240VAC	3000K/4000K/5000K	560~650lm	90°	White	Ø97 x 54mm
RDL-1090-3C-W	10W	220~240VAC	3000K/4000K/5000K	971~1139lm	100°	White	Ø115 x 58mm
RDL-13125-3C-W	13W	220~240VAC	3000K/4000K/5000K	1050~1320lm	100°	White	Ø145 x 62.5mm
RDL-16145-3C-W	16W	220~240VAC	3000K/4000K/5000K	1536~1728lm	100°	White	Ø170 x 66mm
RDL-20165-3C-W	20W	220~240VAC	3000K/4000K/5000K	1917~2129lm	100°	White	Ø190 x 75.5mm
RDL-20200-3C-W	20W	220~240VAC	3000K/4000K/5000K	2102~2434lm	100°	White	Ø225 x 84mm

Integral Driver Down Light

7w Ø97mm

Model	Power	Lumens	CCT	Cut-Out	Dimension (Dia x H)	Weight
RDL-0770-3C-W	7w	560~650lm	3000K/4000K/5000K	Ø70 – 80mm	Ø97 x 54mm	200g

Specification				Dimensions	
CCT	3000K/4000K/5000K	Housing	Polycarbonate		
Efficacy	>80lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	White		
Beam Angle	90°	Lifespan	>40,000 hours		
Power Input	220~240VAC	Operation Temperature	-20 °C to +45°C		
Dimmable	Yes, (with LED, Universal or Trailing Edge Dimmers)				
Impact Rating	IK08				
Protection Rating	IP54 (front), IP20 (rear)	Warranty	3 Years		



Options



Black Trim
RDL-70-TBLK



Brushed Chrome Trim
RDL-70-TBC

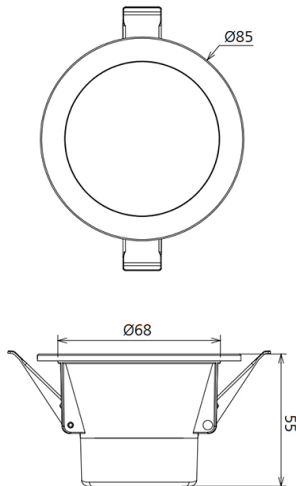
Integral Driver Down Light

10w Ø115mm

Model	Power	Lumens	CCT	Cut-Out	Dimension (Dia x H)	Weight
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RDL-1090-3C-W	10w	971~1139lm	3000K/4000K/5000K	Ø90 – 95mm	Ø115 x 58mm	250g
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Specification				Dimensions	
CCT	3000K/4000K/5000K	Housing	Polycarbonate		
Efficacy	>97lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	White		
Beam Angle	100°	Lifespan	>40,000 hours		
Power Input	220~240VAC	Operation Temperature	-20 °C to +45°C		
Dimmable	Yes, (with LED, Universal or Trailing Edge Dimmers)				
Impact Rating	IK08				
Protection Rating	IP54 (front), IP20 (rear)	Warranty	3 Years		



Technical drawing of the RDL-1090-3C-W downlight. The top view shows a circular housing with a diameter of Ø85 and two mounting tabs. The side view shows a cylindrical housing with a diameter of Ø68 and a height of 55. The housing is white and made of polycarbonate.

Options



Black Trim
RDL-TRIM-BLK



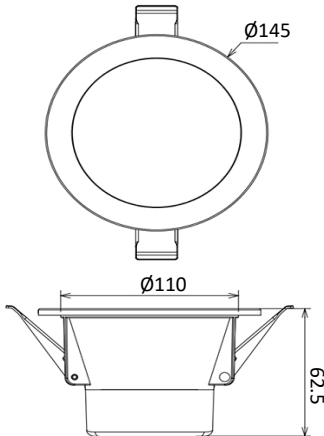
Brushed Chrome Trim
RDL-TRIM

Integral Driver Down Light

13w Ø145mm

Model	Power	Lumens	CCT	Cut-Out	Dimension (Dia x H)	Weight
RDL-13125-3C-W	13w	1050~1320lm	3000K/4000K/5000K	Ø120 – 130mm	Ø145 x 62.5mm	400g

Specification				Dimensions	
CCT	3000K/4000K/5000K	Housing	Polycarbonate		
Efficacy	>80lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	White		
Beam Angle	100°	Lifespan	>40,000 hours		
Power Input	220~240VAC	Operation Temperature	-20 °C to +45°C		
Dimmable	Yes, (with LED, Universal or Trailing Edge Dimmers)				
Impact Rating	IK08				
Protection Rating	IP54 (front), IP20 (rear)	Warranty	3 Years		



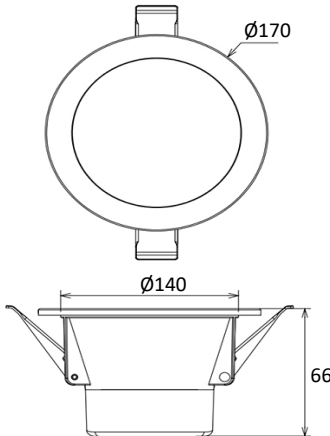
Integral Driver Down Light

16w Ø170mm

Model	Power	Lumens	CCT	Cut-Out	Dimension (Dia x H)	Weight
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RDL-16145-3C-W	16w	1536~1728lm	3000K/4000K/5000K	Ø140 – 160mm	Ø170 x 66mm	400g
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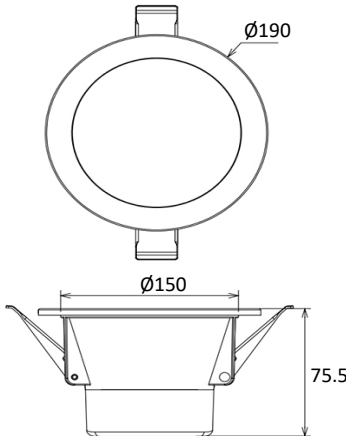
Specification				Dimensions	
CCT	3000K/4000K/5000K	Housing	Polycarbonate		
Efficacy	>96lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	White		
Beam Angle	100°	Lifespan	>40,000 hours		
Power Input	220~240VAC	Operation Temperature	-20 °C to +45°C		
Dimmable	Yes, (with LED, Universal or Trailing Edge Dimmers)				
Impact Rating	IK08				
Protection Rating	IP54 (front), IP20 (rear)	Warranty	3 Years		



Integral Driver Down Light
20w Ø190mm

Model	Power	Lumens	CCT	Cut-Out	Dimension (Dia x H)	Weight
RDL-20165-3C-W	20w	1917~2129lm	3000K/4000K/5000K	Ø160 – 170mm	Ø190 x 75.5mm	510g

Specification				Dimensions	
CCT	3000K/4000K/5000K	Housing	Polycarbonate		
Efficacy	>95lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	White		
Beam Angle	100°	Lifespan	>40,000 hours		
Power Input	220~240VAC	Operation Temperature	-20 °C to +45°C		
Dimmable	Yes, (with LED, Universal or Trailing Edge Dimmers)				
Impact Rating	IK08				
Protection Rating	IP54 (front), IP20 (rear)	Warranty	3 Years		

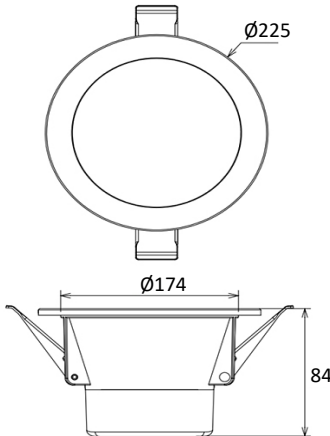


Integral Driver Down Light
20w Ø225mm

Model	Power	Lumens	CCT	Cut-Out	Dimension (Dia x H)	Weight
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RDL-20200-3C-W	20w	2102~2434lm	3000K/4000K/5000K	Ø200 – 210mm	Ø225 x 84mm	635g
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Specification				Dimensions	
CCT	3000K/4000K/5000K	Housing	Polycarbonate		
Efficacy	>105lm/w	Lens	Polycarbonate		
CRI (%)	≥80	Housing Colour	White		
Beam Angle	100°	Lifespan	>40,000 hours		
Power Input	220~240VAC	Operation Temperature	-20 °C to +45°C		
Dimmable	Yes, (with LED, Universal or Trailing Edge Dimmers)				
Impact Rating	IK08				
Protection Rating	IP54 (front), IP20 (rear)	Warranty	3 Years		



Technical drawing of the RDL-20200-3C-W downlight. The top view shows a circular housing with a diameter of Ø225. The side view shows a trapezoidal profile with a top diameter of Ø174 and a height of 84. The drawing includes mounting brackets and a central lens area.