

LED Downlights Datasheet

9 models with full published specifications

Company	C&R Technology Co., Limited
Manufacturing	Shenzhen Chiclits Technology Co., Ltd.
Registered	Hong Kong, April 2010 (52075396-000-04-13-A)
Address	Floor 6, Bantian Business Building, Banxuegang Road, Bantian Street, Longgang District, Shenzhen, Guangdong Province 518129, China
Email	info@group-cr.com
Telephone	+86 755 81467599
Certification	CE (LVD) BST1703508020002Y-1SC-2 and RoHS BST1703508020001Y-1RC-4, issued by Shenzhen BST Technology Co., Ltd. for the LED bulb line

Every figure in this datasheet is taken from the manufacturer's specification for the model shown. Where a value is not listed it is not published; ask us and we will confirm it against current production before you order.

LED Downlights

Recessed ceiling downlights, from fixed-output cans to app-controlled tunable white.

Downlights are the highest-count fitting in most interiors, which makes unit cost and cut-out size the two numbers that decide a project. This range runs from 1W through 8W in the standard recessed series - each offered in a 1W-per-LED or 3W-per-LED build - up to 6W and 12W smart WiFi versions with tunable white and RGBW.

Models In This Range

12W WWCW Smart WiFi LED Downlight

Part number: **CRDL-WF-01**



P/N	CRDL-WF-01
LED Power	12W
LED Quantity	5630 48PCS
Luminous Flux	1100lm Max
Color Temperature	2700~6500K Adjustable
Brightness	100lm~1100lm Adjustable
Color Rendering Index	Ra>85
Power Factor	>0.9
Material Of Case	Aluminum
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Telecontrol Distance	20-30meters
Radio Frequency	2.4GHz
Hole Size	125~140mm
Unit Dimension	145x78mm
Inner Box Size	190x190x120mm
Packing Quantity	48PCS/CTN
Warranty	2 Years

1W Recessed LED Downlight

Part number: **CRDL-1W; CRDL-3W**



Item No	CRDL-1W; CRDL-3W
Input Voltage	12VAC/DC; 100-240VAC 50-60Hz
Output Current	350-700mA
Light Source	LED
Power	1x1W/1x3W
Color	WW/CW/Y/R/B/G/RGB
Beam Angle	30°, 45°
Operation Temperature	-20°-+50°
Fixture Material	Aluminium
Life Span	50000Hours
Surface Color	Silver/Brass/Shining White/Matt White

6W WWCW Smart WiFi LED Downlight

Part number: **CRDL-WF-02**



P/N	CRDL-WF-02
LED Power	6W
LED Quantity	5630 24PCS
Luminous Flux	560lm Max
Color Temperature	2700~6500K Adjustable
Brightness	60lm~560lm Adjustable
Color Rendering Index	Ra>85
Power Factor	>0.9
Material Of Case	Aluminum
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Telecontrol Distance	20-30meters
Radio Frequency	2.4GHz
Hole Size	78~95mm
Unit Dimension	100X65mm
Inner Box Size	140X140X110mm
Packing Quantity	60PCS/CTN
Warranty	2 Years

3W Recessed LED Downlight

Part number: **CRDL-3W; CRDL-9W**



Item No	CRDL-3W; CRDL-9W
Input Voltage	12VAC/DC 100-240VAC 50-60Hz
Output Current	350-700mA
Light Source	LED
Power	3x1W/3x3W
Color	WW/CW/Y/R/B/G/RGB
Beam Angle	8° 15° 30° 45° 60°
Operation Temperature	-20°-+50°
Fixture Material	Aluminium
Life Span	50000Hours
Surface Color	Silver/Brass/Shining White/Matt White

12W RGBW Smart WiFi LED Downlight

Part number: **CRDL-WF-03**



P/N	CRDL-WF-03
LED Power	12W
LED Quantity	5630 48PCS
Luminous Flux	1100lm Max
Working Mode	RGBW
Color Adjustable	16million colors changing
Brightness	100lm~1100lm Adjustable
Color Rendering Index	Ra>85
Power Factor	>0.9
Material Of Case	Aluminum
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Telecontrol Distance	20-30meters
Radio Frequency	2.4GHz
Hole Size	125~140mm
Unit Dimension	145X78mm
Inner Box Size	190X190X120mm
Packing Quantity	48PCS/CTN
Warranty	2 Years

5W Recessed LED Downlight

Part number: **CRDL-5w; CRDL-15W**



Item No	CRDL-5w; CRDL-15W
Input Voltage	24VAC/DC 100-240VAC 50-60Hz
Output Current	350-700mA
Light Source	LED
Power	5x1W/5x3W
Color	WW/CW/Y/R/B/G
Beam Angle	8° 15° 30° 45° 60°
Operation Temperature	-20°-+50°
Fixture Material	Aluminium
Life Span	50000Hours
Surface Color	Silver/Brass/Shining White/Matt White

6W Recessed LED Downlight

Part number: CRDL-6W; CRDL-18W



Item No	CRDL-6W; CRDL-18W
Input Voltage	24VAC/DC 100-240VAC 50-60Hz
Output Current	350-700mA
Light Source	LED
Power	6x1W/6x3W
Color	WW/CW/Y/R/B/G/RGB
Beam Angle	8° 15° 30° 45° 60°
Operation Temperature	-20°-+50°
Fixture Material	Aluminium
Life Span	50000Hours
Surface Color	Silver/Brass/Shining White/Matt White

7W Recessed LED Downlight

Part number: CRDL-7W; CRDL-21W



Item No	CRDL-7W; CRDL-21W
Input Voltage	100-240VAC 50-60Hz
Output Current	350-700mA
Light Source	LED
Power	7x1W/7x3W
Color	WW/CW/Y/R/B/G
Beam Angle	8° 15° 30° 45° 60°
Operation Temperature	-20°-+50°
Fixture Material	Aluminium
Life Span	50000Hours
Surface Color	Silver/Brass/Shining White/Matt White

8W Recessed LED Downlight

Part number: CRDL-8W; CRDL-24W



Item No	CRDL-8W; CRDL-24W
Input Voltage	100-240VAC 50-60Hz
Output Current	350-700mA
Light Source	LED
Power	8x1W/8x3W
Color	WW/CW/Y/R/B/G
Beam Angle	8° 15° 30° 45° 60°
Operation Temperature	-20°-+50°
Fixture Material	Aluminium
Life Span	50000Hours
Surface Color	Silver/Brass/Shining White/Matt White