



## RDL G2

IP65

IK12 (62.5J)

Downlights

Class II

Recessed

HT40°C

HT50°C

Community and Public

Custodial

Secure Healthcare

RDL G2 is a vandal resistant downlight specifically designed for challenging environments, such as custodial and secure healthcare facilities, transport applications and community and public installations.

Standard Colours

Matt Black

Smooth White

### Product Information

RDL G2's uniform light distribution reduces glare and provides focused illumination for specific areas or objects. Incorporating a removable gear tray ensures RDL G2 is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Community and Public applications include the interior communal spaces of buildings. Secure Health applications include corridors and circulation spaces. Transport applications include public toilets and waiting rooms.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using [TM66](#) and measure embodied carbon (kgCO<sub>2</sub>e) in accordance with [TM65.2](#).

**Impact Resistance Rating:** IK12 (62.5J). [What is IK Rating?](#)

**Ingress Protection Rating:** IP65 (from below only). [What is IP Rating?](#)

**Housing:** Zinc coated steel body with machined aluminium bezel ring.

**Paint:** Polyester powder coat. [All Colour Options Available Here.](#)

**Diffuser:** Clear polycarbonate diffuser in frame secured with tamperproof screws.

**Driver:** Remote electronic driver.

**Mounting:** Ceiling, recessed.

**Cable Entry:** Provision for cable entry in remote driver.

**Design Life:** 30+ years. [What is Design Life?](#)

■ **Technical Information**

RDLG2	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Clear				
RDL-G2-1100N-C-MB	995	10	100	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	50	L80B10>50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	310	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-1500N-C-MB	1448	14.5	100	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	50	L80B10>50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	310	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-2000N-C-MB	1795	18.3	98	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	50	L80B10>50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	310	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-2500N-C-MB	2224	21.7	102	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	40	L80B10>50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	310	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-3000N-C-MB	2614	26.1	100	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	40	L80B10>50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	310	-
	Dimensions			
	Ø230mm, 121mm			

RDLG2	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Clear				
RDL-G2-1100W-C-MB	951	10	95	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	50	L <sub>80B10</sub> >50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	296	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-1500W-C-MB	1384	14.5	95	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	50	L <sub>80B10</sub> >50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	296	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-2000W-C-MB	1715	18.3	94	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	50	L <sub>80B10</sub> >50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	296	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-2500W-C-MB	2149	21.7	99	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	40	L <sub>80B10</sub> >50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	295	-
	Dimensions			
	Ø230mm, 121mm			
RDL-G2-3000W-C-MB	2525	26.1	97	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	1	CRI>80	40	L <sub>80B10</sub> >50,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	E	296	-
	Dimensions			
	Ø230mm, 121mm			

RDLG2	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>Opal</b>				
RDL-G2-1100N-X-MB	914	10.2	89	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	50	L <sub>80</sub> B <sub>100</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	266	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-1500N-X-MB	1328	14.9	89	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	50	L <sub>80</sub> B <sub>100</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	266	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-2000N-X-MB	1668	18.6	90	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	50	L <sub>80</sub> B <sub>100</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	266	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-2500N-X-MB	2268	24.9	91	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	40	L <sub>80</sub> B <sub>100</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	266	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-3000N-X-MB	2431	26.5	92	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	40	L <sub>80</sub> B <sub>100</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	266	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			

RDLG2	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>Opal</b>				
RDL-G2-1100W-X-MB	873	10.2	86	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	50	L <sub>80B10</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	254	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-1500W-X-MB	1269	14.9	85	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	50	L <sub>80B10</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	254	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-2000W-X-MB	1594	18.6	86	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	50	L <sub>80B10</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	254	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-2500W-X-MB	2191	24.9	88	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	40	L <sub>80B10</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	254	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			
RDL-G2-3000W-X-MB	2349	26.5	89	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	1	CRI>80	40	L <sub>80B10</sub> >50,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	E	254	-
	<b>Dimensions</b>			
	Ø230mm, 121mm			

## Fitting Options

Front Access	-FA
Maintained Emergency 3 Hour, Self Test	-ES
Change Over Relay, 240V Relay Supplied	-ER
Central Battery Maintained 110V	-EV
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Matt Black	-MB
Smooth White	-SW
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

- For paint colour options, please replace -MB with required paint code.
- HT Applies for standard version. For any options (e.g. -E3), please contact technical sales on +44 (0)20 8254 2022 or email [technical@designplan.co.uk](mailto:technical@designplan.co.uk).
- -EV option fitting is Electrical Class I.
- -ER option fitting is Electrical Class I.

