

Last information update: March 2025

**Product configuration: RN79.G2**

RN79.G2: Pendant-mounted luminaire - Ø114 - General Light - Black/White Transparent



**Product code**

RN79.G2: Pendant-mounted luminaire - Ø114 - General Light - Black/White Transparent

**Technical description**

Direct light luminaire - pendant-mounted installation. LED lamp with high color rendering index - high efficiency emission for general lighting uses. The light emission unit is made of PMMA and consists of a transparent prismatic reflector combined with a flux enhancer and diffuser screen - an internal polycarbonate cover defines the optical assembly visually. The twin-part external structure of the lighting body is made of machined aluminium - with a uniform or combined paint finish. The practical bayonet coupling system allows the two sections to be separated in order to perform all the preliminary pendant operations. The upper part of the lighting body is designed to adjust the length, wiring and locking of the pendant/power cables supplied with the accessory base that is indispensable for completing the product. DALI dimmable power supply driver integrated in the base. The PURE version of the luminaire stands out for its textured translucent external lower ring.

**Installation**

pendant-mounted installation with accessory base to be ordered separately.

**Colour**

Black/White Transparent (G2)

**Weight (Kg)**

0.37

**Mounting**

ceiling pendant

**Wiring**

Driver integrated in accessory base - wiring terminal block and safety cable clamps positioned in the upper section of the structure.

Complies with EN60598-1 and pertinent regulations



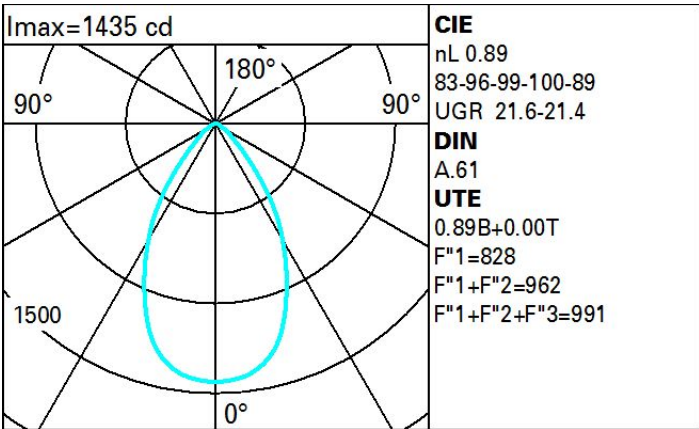
IP40



**Technical data**

Im system:	1566	Colour temperature [K]:	4000
W system:	13.2	MacAdam Step:	2
Im source:	1760	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	11	Lamp code:	LED
Luminous efficiency (Im/W, real value):	118.7	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	89	LED current [mA]:	350
CRI (minimum):	90	Control:	DALI-2

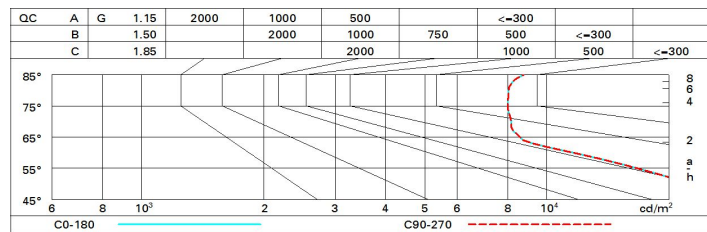
**Polar**



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	67	63	60	66	63	62	58	66
1.0	78	72	69	66	71	68	68	64	72
1.5	84	80	77	74	79	76	75	71	80
2.0	87	84	82	80	83	81	80	76	86
2.5	90	87	85	83	86	84	83	80	89
3.0	91	89	87	86	87	86	85	82	92
4.0	92	91	90	88	89	88	87	84	94
5.0	93	92	91	90	90	89	88	85	96

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1760 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	20.9	21.7	21.2	21.9	22.2	20.9	21.7	21.2	21.9	22.2
	3H	21.1	21.7	21.4	22.0	22.3	20.9	21.6	21.3	21.9	22.2
	4H	21.2	21.8	21.5	22.1	22.4	20.9	21.5	21.2	21.8	22.1
	6H	21.3	21.9	21.6	22.2	22.5	20.9	21.4	21.2	21.8	22.1
	8H	21.3	21.9	21.7	22.2	22.6	20.8	21.4	21.2	21.7	22.1
	12H	21.4	21.9	21.7	22.2	22.6	20.8	21.3	21.2	21.7	22.0
4H	2H	20.9	21.5	21.2	21.8	22.1	21.2	21.8	21.5	22.1	22.4
	3H	21.2	21.7	21.5	22.0	22.4	21.3	21.8	21.7	22.2	22.5
	4H	21.3	21.8	21.7	22.2	22.6	21.3	21.8	21.7	22.2	22.6
	6H	21.5	22.0	22.0	22.4	22.8	21.4	21.8	21.8	22.2	22.6
	8H	21.6	22.0	22.1	22.4	22.9	21.4	21.7	21.8	22.2	22.6
	12H	21.7	22.0	22.2	22.5	22.9	21.3	21.7	21.8	22.1	22.6
8H	4H	21.4	21.7	21.8	22.2	22.6	21.6	22.0	22.1	22.4	22.9
	6H	21.7	22.0	22.1	22.4	22.9	21.7	22.1	22.2	22.5	23.0
	8H	21.8	22.1	22.3	22.5	23.0	21.8	22.1	22.3	22.5	23.0
	12H	21.9	22.2	22.4	22.7	23.2	21.8	22.1	22.3	22.6	23.1
12H	4H	21.3	21.7	21.8	22.1	22.6	21.7	22.0	22.2	22.5	22.9
	6H	21.7	21.9	22.1	22.4	22.9	21.9	22.1	22.3	22.6	23.1
	8H	21.8	22.1	22.3	22.6	23.1	21.9	22.2	22.4	22.7	23.2
Variations with the observer position at spacing:											
S =		1.0H					1.5 / -1.6				
		1.5H					3.3 / -2.6				
		2.0H					4.9 / -2.9				