

Last information update: March 2025

Product configuration: RN79.R5

RN79.R5: Pendant-mounted luminaire - Ø114 - General Light - Black/Trasparent/White Transparent

**Product code**

RN79.R5: Pendant-mounted luminaire - Ø114 - General Light - Black/Trasparent/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/Trasparent/White Transparent (R5)

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.

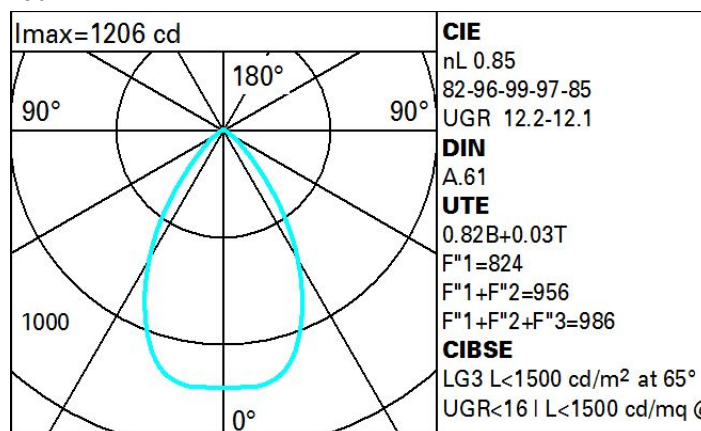
Complies with EN60598-1 and pertinent regulations



IP40

**Technical data**

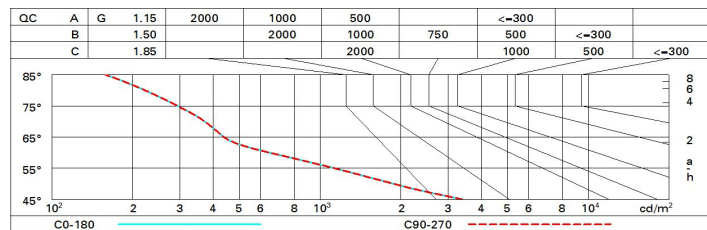
lm system:	1471	Colour temperature [K]:	4000
W system:	11	MacAdam Step:	2
lm source:	1730	Lamp code:	LED
W source:	11	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	133.7	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	43	LED current [mA]:	350
Light Output Ratio (L.O.R.) [%]:	85	Control:	DALI-2
CRI (minimum):	90		

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	63	59	56	62	58	58	54	65
1.0	73	68	64	61	67	63	63	59	71
1.5	79	75	72	69	73	71	69	66	80
2.0	82	79	77	75	77	75	74	70	85
2.5	84	82	80	78	80	78	77	73	89
3.0	86	84	82	80	82	80	79	75	92
4.0	87	86	84	83	84	83	81	78	94
5.0	88	87	86	85	85	84	82	79	95

Luminance curve limit



UGR diagram

Corrected UGR values (at 1730 lm bare lamp luminous flux)											
Reflect.: ceil/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	12.2	13.0	12.5	13.2	13.5	12.2	13.0	12.5	13.2	13.5
	3H	12.2	12.9	12.6	13.2	13.6	12.1	12.8	12.5	13.1	13.5
	4H	12.2	12.9	12.6	13.2	13.6	12.1	12.7	12.5	13.0	13.4
	6H	12.2	12.8	12.6	13.2	13.6	12.0	12.6	12.4	12.9	13.3
	8H	12.2	12.8	12.6	13.2	13.6	12.0	12.5	12.4	12.9	13.3
	12H	12.2	12.7	12.6	13.1	13.6	11.9	12.5	12.4	12.9	13.3
4H	2H	12.1	12.7	12.5	13.0	13.4	12.2	12.9	12.6	13.2	13.6
	3H	12.1	12.7	12.6	13.1	13.5	12.2	12.7	12.6	13.1	13.5
	4H	12.2	12.6	12.6	13.1	13.5	12.2	12.6	12.6	13.1	13.5
	6H	12.2	12.6	12.7	13.1	13.6	12.1	12.5	12.6	13.0	13.5
	8H	12.2	12.6	12.7	13.1	13.6	12.1	12.5	12.6	12.9	13.4
	12H	12.2	12.6	12.7	13.1	13.6	12.1	12.4	12.6	12.9	13.4
8H	4H	12.1	12.5	12.6	12.9	13.4	12.2	12.6	12.7	13.1	13.6
	6H	12.2	12.5	12.7	13.0	13.5	12.2	12.5	12.7	13.0	13.6
	8H	12.2	12.5	12.7	13.0	13.6	12.2	12.5	12.7	13.0	13.6
	12H	12.2	12.5	12.8	13.0	13.6	12.2	12.4	12.7	13.0	13.5
12H	4H	12.1	12.4	12.6	12.9	13.4	12.2	12.6	12.7	13.1	13.6
	6H	12.1	12.4	12.7	12.9	13.5	12.2	12.5	12.8	13.0	13.6
	8H	12.2	12.4	12.7	13.0	13.5	12.2	12.5	12.8	13.0	13.6
Variations with the observer position at spacing:											
S =		1.0H					2.8 / -3.1				
		1.5H					5.1 / -4.5				
		2.0H					7.0 / -4.9				