

Last information update: March 2025

**Product configuration: RP13.R5**

RP13.R5: Pendant-mounted luminaire - UP/DOWN - Ø234 - UGR &lt; 19 - Black/Trasparent/White Transparent

**Product code**

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**Technical description**

Direct and indirect lighting luminaire - pendant installation. LED source with high colour rendering index - lower component with controlled luminance emission  $L < 3000 \text{ cd/m}^2$  -  $UGR < 19$  - ideal for environments with video screen use. PMMA emission unit made up of a transparent PMMA prismatic reflector in combination with the flow recovery unit and diffuser screen - an internal polycarbonate cover visually defines the optics unit. Indirect light with diffused emission - PMMA screen with superficial texture. External structure of the light unit with double element in machined aluminium - finished with an even or combined painting. The practical bayonet coupling system allows for the two sections to be separated to perform all the operations prior to hanging. The upper part of the light unit is set up to be adjusted lengthwise, wired and to block the suspension cables/accessory power supply unit provided that is essential for completing the product. Two dimmable DALI power supplies are included in the base (to be ordered separately) that allow the Luce UP and Luce DOWN to be used separately.

**Installation**

Pendant installation with accessory base unit to be ordered separately.

**Colour**

Black/Trasparent/White Transparent (R5)

**Weight (Kg)**

1.84

**Mounting**

ceiling pendant

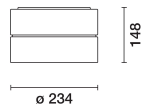
**Wiring**

Driver integrated into the accessory base unit - cabling terminal board and safety cable clamp positioned in the upper section of the structure.

Complies with EN60598-1 and pertinent regulations

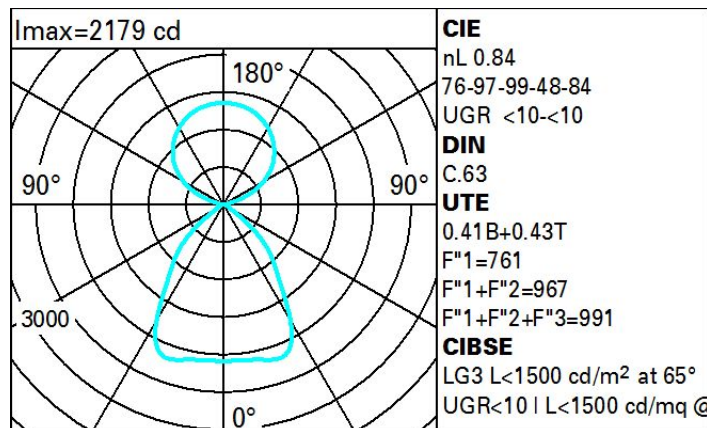


IP40

**Technical data**

lm system:	7367
W system:	64
lm source:	8770
W source:	64
Luminous efficiency (lm/W, real value):	115.1
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	3804
Light Output Ratio (L.O.R.) [%]:	84
CRI (minimum):	90

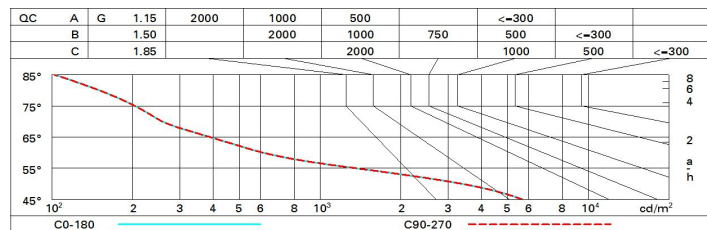
Colour temperature [K]:	3000
MacAdam Step:	2
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
LED current [mA]:	950
Control:	DALI-2

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	51	45	40	37	39	36	32	25	61
1.0	56	50	45	42	44	40	36	27	67
1.5	62	57	53	50	50	47	41	31	77
2.0	66	62	59	56	54	51	45	34	84
2.5	68	65	62	60	56	54	47	36	88
3.0	69	67	64	62	58	56	48	37	90
4.0	71	69	67	65	60	58	50	38	93
5.0	72	70	69	67	61	60	51	38	94

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 8770 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.5	11.0	11.4	11.9	13.1	10.5	11.0	11.4	11.9	13.1
	3H	10.3	10.8	11.2	11.7	12.9	10.3	10.8	11.2	11.7	12.9
	4H	10.2	10.6	11.1	11.6	12.8	10.2	10.6	11.1	11.5	12.8
	6H	10.1	10.5	11.0	11.4	12.7	10.0	10.4	11.0	11.4	12.6
	8H	10.0	10.4	11.0	11.4	12.6	10.0	10.4	10.9	11.3	12.6
	12H	9.9	10.3	10.9	11.3	12.5	9.9	10.3	10.9	11.2	12.5
4H	2H	10.2	10.6	11.1	11.5	12.8	10.2	10.6	11.1	11.6	12.8
	3H	10.0	10.3	10.9	11.3	12.6	10.0	10.4	11.0	11.3	12.6
	4H	9.8	10.2	10.8	11.2	12.4	9.8	10.2	10.8	11.2	12.4
	6H	9.8	10.0	10.8	11.0	12.3	9.7	10.0	10.7	11.0	12.3
	8H	9.7	10.0	10.7	11.0	12.3	9.7	9.9	10.7	10.9	12.2
	12H	9.6	9.9	10.7	10.9	12.2	9.6	9.8	10.6	10.8	12.2
8H	4H	9.7	9.9	10.7	10.9	12.2	9.7	10.0	10.7	11.0	12.3
	6H	9.6	9.8	10.6	10.8	12.2	9.6	9.8	10.6	10.8	12.2
	8H	9.5	9.7	10.6	10.7	12.1	9.5	9.7	10.6	10.7	12.1
	12H	9.5	9.6	10.5	10.7	12.0	9.4	9.6	10.5	10.7	12.0
12H	4H	9.6	9.8	10.6	10.8	12.2	9.6	9.9	10.7	10.9	12.2
	6H	9.5	9.7	10.5	10.7	12.1	9.5	9.7	10.6	10.7	12.1
	8H	9.4	9.6	10.5	10.7	12.0	9.5	9.6	10.5	10.7	12.0
Variations with the observer position at spacing:											
S =		1.0H					1.7 / -4.9				
		1.5H					3.9 / -7.6				
		2.0H					5.8 / -8.7				