Design iGuzzini

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Last information update: April 2025

#### Product configuration: R626

R626: Adjustable 2 x 10 - cell Recessed frame - LED Neutral white - DALI dimmable power supply - Beam 48°





R626: Adjustable 2 x 10 - cell Recessed frame - LED Neutral white - DALI dimmable power supply - Beam 48°

#### Technical description

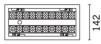
Recessed rectangular luminaire with LEDs. Shaped steel sheet structural compartment with outer rim. The two linear elements with 10 lighting cells, in die-cast aluminium and independently adjustable, can be used to direct the emission with a tilting adjustability of +/- 30°. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with DALI dimmable control gear connected to the luminaire. Neutral white LED.

#### netallation

recessed with mechanical blocking system for false ceilings from 1 to 25 mm; can be installed on cealings and walls (vertical + horizontal) - preparation slot  $135 \times 295$ 









#### Colour

Black / Black (43) | Black / White (47) | Grey / Black (74)\*

Weight (Kg)

2.8

### Mounting

wall recessed|ceiling recessed

# Wiring

on power box: screw connections

## Notes

dimming function with pushbutton (TOUCH DIM/PUSH): for this option consult the instructions included in the package

Complies with EN60598-1 and pertinent regulations



Technical data











Control:







Im system:	3726
W system:	44.3
Im source:	2300
W source:	20
Luminous efficiency (lm/W, real value):	84.1
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	81
Beam angle [°]:	47° / 46°
CRI (minimum):	90
CRI (typical):	92
Colour temperature [K]:	4000

MacAdam Step: Life Time LED 1: > 50,000h - L90 - B10 (Ta 25°C) LED Lamp code: Number of lamps for optical assembly: ZVEI Code: LED Number of optical 2 assemblies: See installation instructions Power factor: Inrush current: 10 A / 200 μs Maximum number of luminaires of this type per B10A: 18 luminaires B16A: 30 luminaires miniature circuit breaker: C10A: 31 luminaires C16A: 51 luminaires Minimum dimming %: 4kV Common mode & 4kV Overvoltage protection:

Differential mode

DALI-2

# Polar

Imax=3567 cd	CIE	Lux			
90°   180°   90°	nL 0.81 100-100-100-100-81	h	d	Em	Emax
	UGR <10-<10 DIN A.61 UTE	2	1.7	725	892
	0.81A+0.00T F"1=1000	4	3.5	181	223
4000	F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	6	5.2	81	99
α=47° / 46°	LG3 L<1500 cd/m² at 65° UGR<10   L<1500 cd/mq @	<sub>65°</sub> 8	7	45	56

<sup>\*</sup> Colours on request

# **Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	70	67	65	69	66	66	64	78
1.0	76	73	71	69	72	70	70	67	83
1.5	80	78	76	74	77	75	74	72	89
2.0	83	81	79	78	80	78	78	75	93
2.5	84	83	82	81	82	81	80	78	96
3.0	85	84	83	83	83	82	81	79	98
4.0	86	85	85	84	84	84	82	81	99
5.0	87	86	86	86	85	84	83	81	100

Riflect. ceii/cav walls work p Room x 2H	v ol.	0.70 0.50 0.20 0.9 0.8 0.7 0.6 0.6 0.5	0.70 0.30 0.20 1.4 1.2 1.1 1.0 0.9 0.9	0.50 0.50 0.20 viewed crosswis 1.1 1.1 1.0 0.9 0.9		0.30 0.30 0.20 1.8 1.7 1.7 1.6 1.6 1.6	0.70 0.50 0.20 0.9 0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9 0.9	0.50 0.50 0.20 viewed endwise 1.1 1.1 1.0 0.9 0.9		1.8 1.7 1.6 1.6	
walls work p Room x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	0.50 0.20 0.9 0.8 0.7 0.6 0.6 0.5	0.30 0.20 1.4 1.2 1.1 1.0 0.9 0.9	0.50 0.20 viewed crosswis 1.1 1.0 0.9 0.9	0.30 0.20 e 1.6 1.4 1.3 1.2	1.8 1.7 1.7 1.6 1.6	0.50 0.20 0.9 0.8 0.7 0.6 0.6 0.5	0.30 0.20 1.4 1.2 1.1 1.0 0.9	0.50 0.20 viewed endwise 1.1 1.1 1.0 0.9 0.9	0.30 0.20 1.6 1.4 1.4 1.3 1.2	1.8 1.7 1.6 1.6	
work p Room o x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	0.20 0.9 0.8 0.7 0.6 0.6 0.5 0.7	1.4 1.2 1.1 1.0 0.9 0.9	0.20 viewed crosswis 1.1 1.1 1.0 0.9 0.9 0.9	0.20 e 1.6 1.4 1.4 1.3 1.2	1.8 1.7 1.7 1.6 1.6	0.20 0.9 0.8 0.7 0.6 0.6	1.4 1.2 1.1 1.0 0.9 0.9	0.20 viewed endwise 1.1 1.1 1.0 0.9 0.9	1.6 1.4 1.4 1.3 1.2	1.8 1.7 1.7 1.6	
Room x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	0.9 0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9 0.9	1.1 1.1 1.0 0.9 0.9	1.6 1.4 1.4 1.3 1.2	1.8 1.7 1.7 1.6 1.6	0.9 0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9	1.1 1.1 1.0 0.9	1.6 1.4 1.4 1.3	1.8 1.5 1.5 1.6	
2H 4H	y 2H 3H 4H 6H 8H 12H 2H 3H 4H	0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9 0.9	1.1 1.1 1.0 0.9 0.9 0.9	1.6 1.4 1.4 1.3 1.2	1.7 1.7 1.6 1.6 1.6	0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9 0.9	1.1 1.1 1.0 0.9 0.9	1.6 1.4 1.4 1.3	1.5 1.5 1.6 1.6	
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H	0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9 0.9	1.1 1.0 0.9 0.9 0.9	1.6 1.4 1.4 1.3 1.2	1.7 1.7 1.6 1.6 1.6	0.8 0.7 0.6 0.6 0.5	1.4 1.2 1.1 1.0 0.9 0.9	1.1 1.1 1.0 0.9	1.6 1.4 1.4 1.3	1.5 1.5 1.6 1.6	
4Н	3H 4H 6H 8H 12H 2H 3H 4H	0.8 0.7 0.6 0.6 0.5	1.2 1.1 1.0 0.9 0.9	1.1 1.0 0.9 0.9 0.9	1.4 1.4 1.3 1.2	1.7 1.7 1.6 1.6 1.6	0.8 0.7 0.6 0.6 0.5	1.2 1.1 1.0 0.9 0.9	1.1 1.0 0.9 0.9	1.4 1.4 1.3 1.2	1.5 1.5 1.6 1.6	
	4H 6H 8H 12H 2H 3H 4H	0.7 0.6 0.6 0.5 0.7 0.5	1.1 1.0 0.9 0.9	1.0 0.9 0.9 0.9	1.4 1.3 1.2 1.2	1.7 1.6 1.6 1.6	0.7 0.6 0.6 0.5	1.1 1.0 0.9 0.9	1.0 0.9 0.9	1.4 1.3 1.2	1.6 1.6	
	6H 8H 12H 2H 3H 4H	0.6 0.6 0.5 0.7 0.5	1.0 0.9 0.9	0.9 0.9 0.9	1.3 1.2 1.2	1.6 1.6 1.6	0.6 0.6 0.5	1.0 0.9 0.9	0.9	1.3 1.2	1.0	
	8H 12H 2H 3H 4H	0.6 0.5 0.7 0.5	0.9 0.9	0.9 0.9	1.2 1.2	1.6 1.6	0.6 0.5	0.9 0.9	0.9	1.2	1.0	
	12H 2H 3H 4H	0.5 0.7 0.5	0.9	0.9	1.2	1.6	0.5	0.9				
	2H 3H 4H	0.7 0.5	1.1	1.0	2000	100000	20000	1000	0.9	1.2	1.0	
	3H 4H	0.5			1.4	1.7	0.7	1000				
8Н	4H	0.73070	0.9	0.0			0.7	1.1	1.0	1.4	1.	
8Н		0.4		0.9	1.2	1.6	0.5	0.9	0.9	1.2	1.0	
8н	бН	0.4	0.7	8.0	1.1	1.5	0.4	0.7	8.0	1.1	1.5	
8Н		0.3	0.6	8.0	1.0	1.4	0.3	0.6	8.0	1.0	1.	
вн	HS	0.3	0.5	0.7	1.0	1.4	0.3	0.5	0.7	1.0	1.	
ВН	12H	0.2	0.5	0.7	0.9	1.4	0.2	0.5	0.7	0.9	1.	
	4H	0.3	0.5	0.7	1.0	1.4	0.3	0.5	0.7	1.0	1.	
	бН	0.2	0.4	0.7	8.0	1.3	0.2	0.4	0.7	8.0	1.	
	HS	0.1	0.3	0.6	8.0	1.3	0.1	0.3	0.6	8.0	1.	
	12H	0.1	0.2	0.6	0.7	1.2	0.1	0.2	0.6	0.7	1.2	
12H	4H	0.2	0.5	0.7	0.9	1.4	0.2	0.5	0.7	0.9	1.	
	бН	0.1	0.3	0.6	8.0	1.3	0.1	0.3	0.6	8.0	1.	
	H8	0.1	0.2	0.6	0.7	1.2	0.1	0.2	0.6	0.7	1.	
Variation	ions wi	th the ol	bserverp	osition	at spacir	ng:						
	1.0H		6	.8 / -21	.9		6.8 / -21.9					
	1.5H		9.7 / -22.0					9.7 / -22.0				