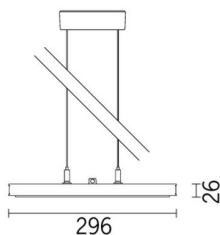


Last information update: April 2024

**Product configuration: N264**N264: iplan - warm white - UGR<19 L<3,000 cd/m<sup>2</sup> for  $\alpha \geq 65^\circ$  - DALI**Product code**N264: iplan - warm white - UGR<19 L<3,000 cd/m<sup>2</sup> for  $\alpha \geq 65^\circ$  - DALI**Technical description**

Direct and indirect emission pendant luminaire designed to use warm white 3000K high colour rendering LEDs. Extruded anodised aluminium perimeter profile. The down light LEDs are arranged inside the perimeter, while the up light LEDs are positioned in the upper section. The micro-prismatic diffuser screen, combined with an inner screen and diffusing film, allows optimum diffusion of the direct light and controlled luminance UGR<19 L<3,000 cd/m<sup>2</sup> for  $\alpha \geq 65^\circ$ . Luminaire set up for simultaneous switch on of both up/down light emission. Product complete with DALI driver, L=1500 mm supporting cables and special power supply base.

**Installation**

Pendant. System complete with power supply base and L= 1500 mm cables

**Colour**

Aluminium (12)

**Weight (Kg)**

10.2

**Mounting**

ceiling pendant

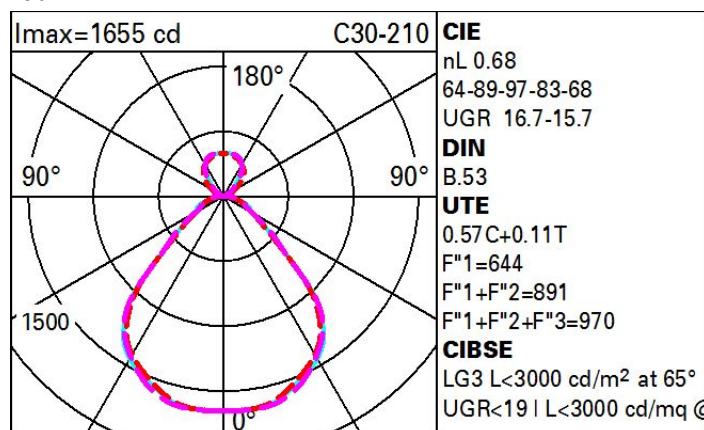
**Wiring**

Product complete with DALI electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

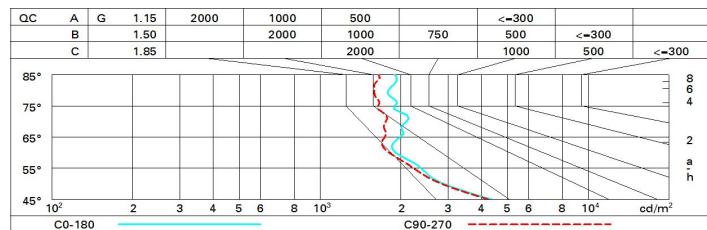
lm system:	4182	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W system:	41.3	Lamp code:	LED
lm source:	6150	Number of lamps for optical assembly:	1
W source:	37	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	101.3	Number of optical assemblies:	1
lm in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	705	Inrush current:	30 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	68	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 12 luminaires B16A: 20 luminaires C10A: 20 luminaires C16A: 34 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 2kV Differential mode
MacAdam Step:	3	Control:	DALI-2

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	47	41	37	34	39	35	34	29	52
1.0	51	45	41	38	43	40	38	33	59
1.5	56	52	49	46	49	47	45	39	70
2.0	60	56	53	51	53	51	49	44	77
2.5	62	59	57	54	56	54	51	46	82
3.0	63	61	59	57	57	56	53	48	85
4.0	65	63	61	60	59	58	55	50	88
5.0	66	64	63	61	61	59	56	51	90

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 6150 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		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
2H	2H	14.1	14.8	14.6	15.3	15.9	13.8	14.6	14.4	15.1	15.7
	3H	14.8	15.5	15.4	16.0	16.7	14.0	14.7	14.6	15.2	15.9
	4H	15.3	15.9	15.9	16.5	17.1	14.1	14.7	14.6	15.3	15.9
	6H	15.7	16.3	16.3	16.9	17.6	14.0	14.6	14.7	15.2	15.9
	8H	15.9	16.5	16.5	17.1	17.7	14.0	14.6	14.7	15.2	15.9
	12H	16.0	16.6	16.7	17.2	17.9	14.0	14.5	14.6	15.1	15.8
4H	2H	14.2	14.9	14.8	15.4	16.1	14.9	15.5	15.4	16.1	16.7
	3H	15.2	15.7	15.8	16.4	17.0	15.2	15.8	15.9	16.4	17.1
	4H	15.8	16.3	16.5	16.9	17.6	15.4	15.9	16.1	16.5	17.2
	6H	16.5	16.9	17.1	17.5	18.3	15.6	16.0	16.3	16.7	17.4
	8H	16.7	17.1	17.4	17.8	18.6	15.7	16.0	16.3	16.7	17.5
	12H	16.9	17.3	17.6	18.0	18.8	15.7	16.0	16.4	16.7	17.5
8H	4H	16.0	16.4	16.7	17.1	17.9	16.2	16.5	16.8	17.2	18.0
	6H	16.9	17.2	17.6	17.9	18.7	16.5	16.9	17.3	17.6	18.4
	8H	17.3	17.6	18.0	18.3	19.1	16.8	17.0	17.5	17.7	18.6
	12H	17.7	17.9	18.4	18.6	19.5	16.9	17.2	17.7	17.9	18.7
12H	4H	16.0	16.4	16.7	17.1	17.9	16.3	16.7	17.0	17.4	18.2
	6H	16.9	17.2	17.7	17.9	18.8	16.8	17.1	17.5	17.8	18.6
	8H	17.4	17.7	18.2	18.4	19.2	17.1	17.3	17.8	18.0	18.9
Variations with the observer position at spacing:											
S =	1.0H	0.3 / -0.4					0.4 / -0.5				
	1.5H	1.0 / -0.8					1.0 / -0.8				
	2.0H	1.8 / -0.9					1.9 / -1.1				