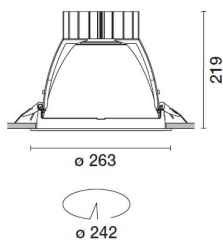


Last information update: April 2025

**Product configuration: N019**

N019: Fixed circular recessed luminaire - Ø242 mm - warm white - flood optic - UGR&lt;19

**Product code**N019: Fixed circular recessed luminaire - Ø242 mm - warm white - flood optic - UGR<19 **Attention! Code no longer in production****Technical description**

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Structure with die-cast aluminium perimeter frame, black, zinc-plated sheet steel brackets and extruded aluminium dissipater painted black. Passive dissipation system. Product complete with LED lamp in warm white colour tone (3000K). General light emission, with controlled luminance UGR<19 1500 cd/m<sup>2</sup>  $\alpha$ >65° flood optic.

**Installation**

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

**Colour**

White / Aluminium (39)

**Weight (Kg)**

2.46

**Mounting**

ceiling recessed

**Wiring**

product complete with an electronic ballast

**Notes**

TPa rated

Complies with EN60598-1 and pertinent regulations



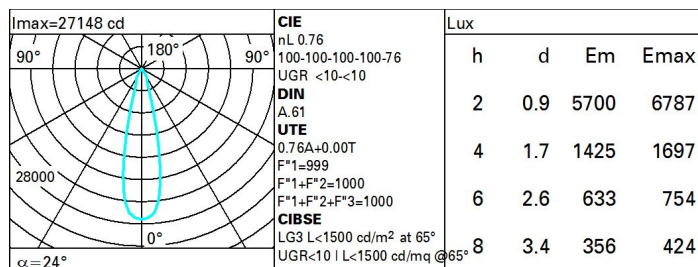
IP20

IP23

On the visible part of the product once installed

**Technical data**

Im system:	6214	CRI (minimum):	80
W system:	57.6	Colour temperature [K]:	3000
Im source:	8200	MacAdam Step:	2
W source:	51	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	107.9	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	76	Number of optical assemblies:	1
Beam angle [°]:	24°		

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	64	62	62	59	78
1.0	71	68	66	64	68	66	65	63	83
1.5	75	73	71	69	72	70	69	67	89
2.0	77	76	74	73	75	73	73	70	93
2.5	79	77	76	76	76	75	75	73	96
3.0	80	79	78	77	78	77	76	74	98
4.0	81	80	79	79	79	78	77	75	99
5.0	81	81	80	80	79	79	78	76	100

# UGR diagram

Corrected UGR values (at 8200 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	9.7	11.7	10.1	12.0	12.3	9.7	11.7	10.1	12.0	12.3
	3H	9.6	11.0	9.9	11.4	11.7	9.6	11.0	9.9	11.4	11.7
	4H	9.5	10.7	9.9	11.1	11.4	9.5	10.7	9.9	11.1	11.4
	6H	9.4	10.5	9.8	10.8	11.2	9.4	10.5	9.8	10.8	11.2
	8H	9.4	10.4	9.8	10.8	11.1	9.4	10.4	9.8	10.8	11.1
	12H	9.3	10.4	9.7	10.7	11.1	9.3	10.4	9.7	10.7	11.1
4H	2H	9.5	10.7	9.9	11.1	11.4	9.5	10.7	9.9	11.1	11.4
	3H	9.3	10.4	9.7	10.7	11.1	9.3	10.4	9.7	10.7	11.1
	4H	9.2	10.2	9.6	10.6	11.0	9.2	10.2	9.6	10.6	11.0
	6H	8.9	10.4	9.4	10.9	11.3	8.9	10.4	9.4	10.9	11.3
	8H	8.8	10.5	9.2	11.0	11.5	8.8	10.5	9.2	11.0	11.5
	12H	8.6	10.5	9.1	11.0	11.5	8.6	10.5	9.1	11.0	11.5
8H	4H	8.8	10.5	9.2	11.0	11.5	8.8	10.5	9.2	11.0	11.5
	6H	8.6	10.3	9.1	10.8	11.3	8.6	10.3	9.1	10.8	11.3
	8H	8.6	10.1	9.1	10.6	11.1	8.6	10.1	9.1	10.6	11.1
	12H	8.7	9.7	9.3	10.2	10.8	8.7	9.7	9.3	10.2	10.8
12H	4H	8.6	10.5	9.1	11.0	11.5	8.6	10.5	9.1	11.0	11.5
	6H	8.6	10.1	9.1	10.6	11.1	8.6	10.1	9.1	10.6	11.1
	8H	8.7	9.7	9.3	10.2	10.8	8.7	9.7	9.3	10.2	10.8
Variations with the observer position at spacing:											
S =		1.0H	6.7 / -29.8				6.7 / -29.8				
		1.5H	9.5 / -30.3				9.5 / -30.3				
		2.0H	11.5 / -30.5				11.5 / -30.5				