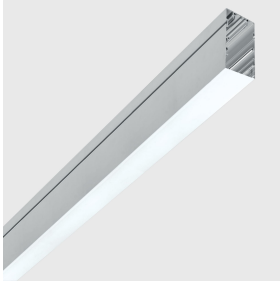


Last information update: April 2024

**Product configuration: Q430+Q454.12**

Q430: Minimal Continuous Line ModuleDown Office / Working UGR < 19L 898

Q454.12: Plate - Down Office / Working UGR < 19 - Warm LED - DALI - L 896 - 11.9W 1368lm - 3000K - Aluminium

**Product code**

Q430: Minimal Continuous Line ModuleDown Office / Working UGR < 19L 898

**Technical description**

Minimal (frameless) version extruded aluminium intermediate profile for flush with ceiling mounting; this allows continuous lines to be created with other intermediate profiles and an initial profile (required). Microprismatic screen for controlled luminance emission UGR < 19 - 3000 cd/m<sup>2</sup> (working lighting); screen set up for connecting several lengths by overlapping.

**Installation**

Installation can be recessed, surface, ceiling and pendant-mounted using suitable accessories to be ordered separately; mechanical systems for connecting modules included in the package.

**Colour**

White (01) | Aluminium (12)\*

**Weight (Kg)**

2

\* Colours on request

**Mounting**

ceiling recessed|wall surface|ceiling surface|ceiling pendant

**Wiring**

Set up to house the LED modules required by the system.

**Notes**

Take care with the system configuration. To complete a continuous line correctly there must always be an initial module at the start or end of the composition.

Complies with EN60598-1 and pertinent regulations

**Product code**

Q454.12: Plate - Down Office / Working UGR < 19 - Warm LED - DALI - L 896 - 11.9W 1368lm - 3000K - Aluminium

**Technical description**

LED module set up for housing in initial or intermediate system profiles with screen for controlled luminance - down emission. DALI dimmable control gear integrated in the luminaire. Extruded aluminium heat sink; high emission yield flux enhancer. Warm LED.

**Installation**

Module insertion on profiles facilitated by a quick coupling system.

**Colour**

Indeterminate (00)

**Weight (Kg)**

1.2

**Wiring**

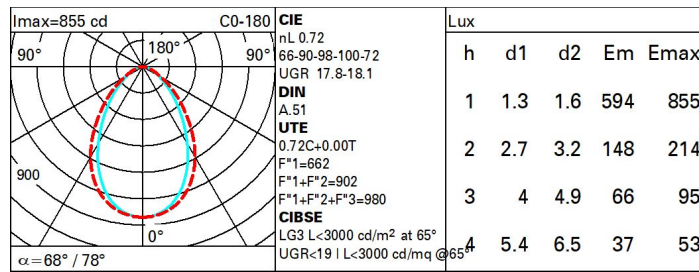
Quick coupling terminal block connection to simplify connections between the luminaires. LED module complete with integrated dimmable DALI control gear.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	1368	Colour temperature [K]:	3000
W system:	11.9	MacAdam Step:	3
lm source:	1900	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
W source:	10	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	115	Lamp code:	LED
lm 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.) [%]:	72	Number of optical assemblies:	1
CRI (minimum):	80		

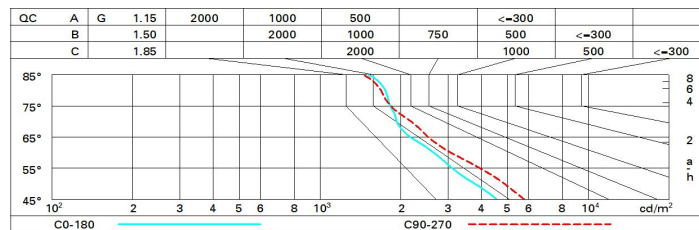
# Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	54	47	43	40	47	43	42	38	53
1.0	58	52	48	45	51	48	47	43	60
1.5	64	60	56	53	59	56	55	51	71
2.0	68	64	61	59	63	61	60	56	78
2.5	70	67	65	63	66	64	63	60	83
3.0	71	69	67	65	68	66	65	62	86
4.0	73	71	70	68	70	68	67	64	89
5.0	74	72	71	70	71	70	69	66	91

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 1900 lm bare lamp luminous flux)											
Reflect.: ceiling/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	15.5	16.5	15.8	16.7	17.0	16.6	17.6	16.9	17.8	18.1
	3H	16.2	17.1	16.6	17.4	17.7	16.8	17.7	17.1	18.0	18.3
	4H	16.6	17.4	16.9	17.7	18.0	16.8	17.7	17.2	18.0	18.3
	6H	16.9	17.6	17.2	17.9	18.3	16.8	17.6	17.2	17.9	18.2
	8H	17.0	17.7	17.3	18.0	18.4	16.8	17.5	17.2	17.9	18.2
	12H	17.0	17.7	17.4	18.1	18.4	16.8	17.5	17.2	17.8	18.2
4H	2H	15.9	16.7	16.3	17.0	17.4	17.5	18.3	17.8	18.6	18.9
	3H	16.8	17.5	17.2	17.8	18.2	17.8	18.5	18.2	18.9	19.2
	4H	17.2	17.8	17.6	18.2	18.6	18.0	18.6	18.4	19.0	19.4
	6H	17.6	18.2	18.1	18.6	19.0	18.1	18.6	18.5	19.0	19.4
	8H	17.8	18.3	18.2	18.7	19.1	18.1	18.6	18.5	19.0	19.4
	12H	17.9	18.3	18.3	18.8	19.2	18.1	18.5	18.5	18.9	19.4
8H	4H	17.4	17.9	17.8	18.3	18.7	18.4	18.9	18.8	19.3	19.7
	6H	17.9	18.3	18.4	18.8	19.3	18.6	19.0	19.0	19.4	19.9
	8H	18.2	18.5	18.6	19.0	19.5	18.7	19.0	19.1	19.5	20.0
	12H	18.3	18.6	18.8	19.1	19.6	18.7	19.0	19.2	19.5	20.0
12H	4H	17.4	17.8	17.8	18.3	18.7	18.4	18.9	18.9	19.3	19.8
	6H	18.0	18.3	18.5	18.8	19.3	18.7	19.0	19.2	19.5	20.0
	8H	18.2	18.5	18.7	19.0	19.5	18.8	19.1	19.3	19.6	20.1
Variations with the observer position at spacing:											
S =		1.0H	0.4 / -0.5		0.3 / -0.4						
		1.5H	0.5 / -1.0		0.7 / -1.2						
		2.0H	1.1 / -1.4		1.6 / -1.6						