ATRIUM RONQ

SPECIAL FOCUS

- High-quality downlight with automatic daylight sequence
- Functionality: Colour temperature 1,800 K to 16,000 K
- High colour stability from micro-controller controlled LED management with temperature compensation and factory calibration
- Soft light mixing and uniform light distribution
- Reflector, matt, with diffuser
- Three different construction sizes available
- Mounting: Flush-mounted

Environment friendly

Low consumption

Long service life

Tunable White

Brightness dimmable

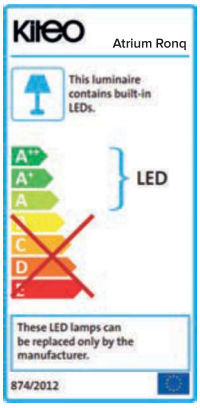
RGB adjustable

Excellent CRI

TECHNICAL DATA

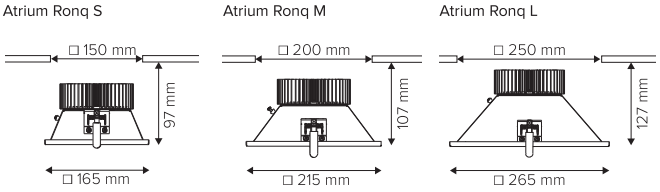
ATRIUM RONQ Recessed luminaire

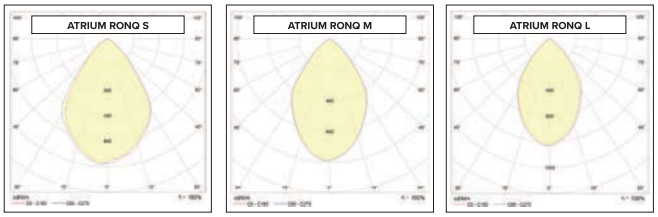
Luminous source	LED module PI-LED
Connected load S I M I L	20 W I 25 W I 35 W
Beam angle S I M I L	75 I 82 I 80
Luminous flux	S: 1,200 lm M: 2,000 lm L: 2,500 lm
Colour temperature	1,800 K–16,000 K
CRI	90
Protection category	IP 40 oder IP 54
Dimming range	CCT/CIE xy 5–100% RGB 0–100%
Service lifetime	L80/B10 50,000h
Tests / approvals	CE / RoHs Conformity
Weight S I M I L	1.4 kg I 1.5 kg I 1.7 kg
Operating voltage	230 VAC
Control mode	NeoLink/ZigBee DALI DT8
Protection class	II
Mounting	Flush mounted



IP40

Dimensions





ORDER DATA

Art.No.	Luminaire
AR SNLAIP40 01	Atrium Ronq S recessed luminaire / PI LED / NeoLink / IP40 / White (RAL 9003)
AR SNLAIP54 01	Atrium Ronq S recessed luminaire / PI LED / NeoLink / IP54 / White (RAL 9003)
AR MNLAIP40 01	Atrium Ronq M recessed luminaire / PI LED / NeoLink / IP40 / White (RAL 9003)
AR MNLAIP54 01	Atrium Ronq M recessed luminaire / PI LED / NeoLink / IP54 / White (RAL 9003)
AR LNLAIP40 01	Atrium Ronq L recessed luminaire / PI LED / NeoLink / IP40 / White (RAL 9003)
AR LNLAIP54 01	Atrium Ronq L recessed luminaire / PI LED / NeoLink / IP54 / White (RAL 9003)
AR SDT8IP40 01	Atrium Ronq S recessed luminaire / PI LED / DALI DT8 / IP40 / White (RAL 9003)
AR SDT8IP54 01	Atrium Ronq S recessed luminaire / PI LED / DALI DT8 / IP54 / White (RAL 9003)
AR MDT8IP40 01	Atrium Ronq M recessed luminaire / PI LED / DALI DT8 / IP40 / White (RAL 9003)
AR MDT8IP54 01	Atrium Ronq M recessed luminaire / PI LED / DALI DT8 / IP54 / White (RAL 9003)
AR LDT8IP40 01	Atrium Ronq L recessed luminaire / PI LED / DALI DT8 / IP40 / White (RAL 9003)
AR LDT8IP54 01	Atrium Ronq L recessed luminaire / PI LED / DALI DT8 / IP54 / White (RAL 9003)

CCT [K]	VISUAL DATA			MELANOPIC ACTION FACTOR
	Luminous flux [lm]			alpha (smel)
	S	M	L	
1,800	910	1515	1890	0.234
2,000	1065	1780	2220	0.260
2,500	1295	2160	2700	0.324
2,700	1250	2085	2605	0.359
3,000	1200	2000	2500	0.409
3,500	1150	1915	2390	0.489
4,000	1115	1860	2325	0.562
4,500	1100	1830	2285	0.629
5,000	1085	1805	2260	0.689
5,500	1075	1790	2240	0.743
6,000	1070	1785	2230	0.791
6,500	1070	1775	2220	0.835
7,000	1065	1775	2215	0.873
8,000	1060	1770	2215	0.938
9,000	1060	1770	2215	0.991
10,000	1020	1700	2125	1.034
12,000	925	1535	1920	1.100
14,000	860	1435	1795	1.147
16,000	785	1305	1630	1.194

* Required control on page 58 ff.

Notes
The photometric data of a tolerance of +/–15%, the electrical data of a tolerance of +/–5%. Unless otherwise specified, the values are based on 3,000K and an ambient temperature of 25–C. Permissible operating temperature 10–C –35–C. The manufacturer reserves the right to change any product specification without prior notice. CCT values outside the range 2.500–7.000K can be set in the CIE–xy mode. The coefficient alpha(smel) describes the melanopic effectiveness of the light source on humans and their circadian rhythm. To give the natural human biorhythm the best possible support, the melatonin production can be minimized by higher values of alpha(smel) throughout the day and stimulated by lower values in the evening. PI LED enables the implementation of an illumination that is not only visually but also biologically/melanopic effective. For a standard conforming lighting design, Lumitech recommends the document DIN SPEC 5031 100 to be taken as a basis. More documents can be found at www.kiteo.eu.

Last change: 07.03.2019