

TECHNICAL DATA SHEET

Organic Response G3 Circadian Rhythm Box

FAGERHULT

Art. no: 86489

External Organic Response G3 sensor incl. Stand alone box with DALI PSU & CDC unit



Stand alone sensor equipped with a CDC unit for changes in colour temperature through out the day. Default setting GMT +1 Organic Response IR Zone 1. Can be reconfigured with DALI interface and DALI Cockpit software. Can work with or without connected DT8 drivers (max 4 pcs).

TECHNICAL DATA	
MATERIALS	Plastic: LG LUPOY SR3108FT (WU153) Metal: Zincanneal 0.60 mm Spring: Music Wire 1.0 mm
CUT-OUT DIMENSIONS	Ø 63.5 mm + 5 mm / - 0 mm
CEILING THICKNESS	Up to 30 mm (max)
ELECTRICAL SAFETY COMPLIANCE	AS/NZS 61347.2.11:2003 AS/NZS 61347.1:2016 IEC/EN 61347-12-11:2001 IEC/EN 61347-1:2015
EMC COMPLIANCE	EN 55015: 2015 EN 61547: 2009 ETSI EN 301 489-1 V2.1.1 (2017-02) ETSI EN 301 489-17 V2.2.1 (2012-09) ETSI EN 301 489-1 V3.1.1 (2017-02)
COMPLIES WITH EC DIRECTIVES	EMC Directive 2014/30/EU Radio Equipment Directive 2014/53/EU RoHS2 Directive 2011/65/EU
DIMMING	Logarithmic
SENSOR NODE (tc)	0 °C ... 55 °C
NODE TO NODE COMMUNICATION PROTOCOL - CONTROL	Wireless Infrared eSense Organic
NODE TO NODE COMMUNICATION PROTOCOL - DATA	Wirepas - Wireless RF
RF FREQUENCY BAND	2.4 GHz
RF RANGE - NODE TO NODE	8 m - non LOS (max)
DETECTION AREA	2.7 m installation height - 5 m Ø on floor
SENSOR TYPE	PIR

DEFAULT SETTINGS	
TIME	Tc[k]
0 h	2700 K
1 h	2700 K
2 h	2700 K
3 h	2700 K
4 h	2700 K
5 h	2700 K
6 h	2700 K
7 h	3412 K
8 h	4101 K
9 h	4767 K
10 h	5318 K
11 h	5685 K
12 h	5800 K
13 h	5685 K
14 h	5318 K
15 h	4767 K
16 h	4101 K
17 h	3412 K
18 h	2700 K
19 h	2700 K
20 h	2700 K
21 h	2700 K
22 h	2700 K
23 h	2700 K