

Project · Reference number

Date

Product data sheet

Product description

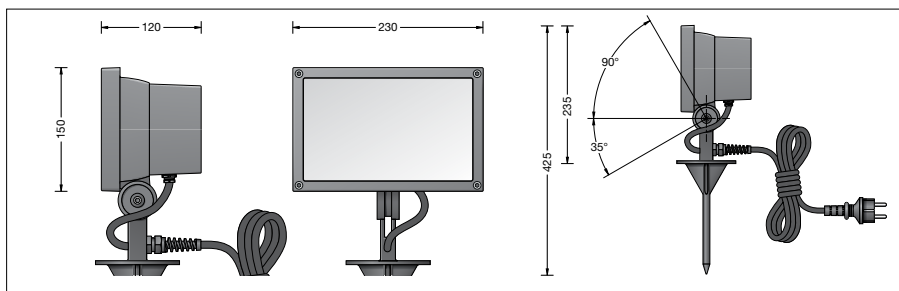
Luminaire made of aluminium alloy,
aluminium and stainless steel
Earth spike made of UV-resistant glass - fibre
reinforced polyamide synthetic
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Swivel range $-35^{\circ}/+90^{\circ}$
Factory pre-wired with
5 m connecting cable H05RN-F 3G 1[□]
and power plug
with integral ZigBee radio module.
Power level: +8 dBm
Radio frequency 2.4 GHz
Can be used as a router or coordinator in
ZigBee networks
Home Automation Profile 1.2.1
LED power supply unit
220-240 V \sim 50-60 Hz
Safety class I
Protection class safety plug IP X4
Protected against splash water
Protection class luminaire IP 65
Dusttight and protected against water jets
Impact strength IK08
Protection against mechanical
impacts < 5 joule
CE – Conformity mark
Weight: 3.1 kg

Inrush current

Inrush current: 24 A / 275 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 11 luminaires
B 16A: 18 luminaires
C 10A: 19 luminaires
C 16A: 31 luminaires

Light technique

Broad spread light distribution.
Half beam angle $85/95^{\circ}$.
Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
interior lighting as well as luminaire data in
EULUMDAT and IES format are available on the
BEGA website www.bega.com.



Lamp

Module connected wattage	19.4 W
Luminaire connected wattage	24 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^{\circ}\text{C}$

Module designation	LED-0347/RGBW
Luminaire luminous flux	1525 lm
Luminaire luminous efficiency	63,5 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000 h: L90 B10
– at 240,000 h: L70 B50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 140,000 h: L70 B50

max. ambient temperature $t_a = 35^{\circ}\text{C}$
– at 50,000 h: L80 B10
– at 95,000 h: L70 B50

Accessories

70 502 Shield
The attachable shield screens the light upwards
or downwards.
A separate instructions for use can be provided
upon request.