

# Chieti AR111 LED Light Box

*Commercial Lighting*



Data Sheet

## Product Information

The AR111 LED Light Box fittings are ideal for Retail and Commercial applications. This fitting comes with two output options 15w and 24w.

The light boxes are available in 4 variants to meet your requirements Single, Twin, Triple and Quad.

Single



Twin



Triple



## Product Features

- 2 year warranty
- IP20
- Instant on
- 60° Beam angle for wide and even distribution
- High efficiency up to 94lumens per watt
- 4 box styles to choose from
- Gimble heads enable greater flexibility for you installation

Quad



# Product Specification

Product Code	Product Description	Wattage (W)	CCT (K)	Lumens (lm)	CRI (Ra)	Energy Efficiency Class	Protection Class
KSR8230	Chieti AR111 Single Light Box with 24w 60° LED Non-dimmable lamp	1x24	4000	2260	81	F	II
KSR8231	Chieti AR111 Twin Light Box with 24w 60° LED Non-dimmable lamps	2x24	4000	4520	81	F	II
KSR8232	Chieti AR111 Triple Light Box with 24w 60° LED Non-dimmable lamps	3x24	4000	6780	81	F	II
KSR8233	Chieti AR111 Quad Light Box with 24w 60° LED Non-dimmable lamps	4x24	4000	9040	81	F	II
KSR8235	Chieti AR111 Single Light Box with 15w 60° LED Non-dimmable lamp	1x15	4000	1560	92	F	II
KSR8236	Chieti AR111 Twin Light Box with 15w 60° LED Non-dimmable lamps	2x15	4000	3120	92	F	II
KSR8237	Chieti AR111 Triple Light Box with 15w 60° LED Non-dimmable lamps	3x15	4000	4680	92	F	II
KSR8238	Chieti AR111 Quad Light Box with 15w 60° LED Non-dimmable lamps	4x15	4000	6240	92	F	II

## 24w version

Technical Data	Chieti AR111 Single	Chieti AR111 Twin	Chieti AR111 Triple	Chieti AR111 Quad
Nominal voltage	100~240VAC	100~240VAC	100~240VAC	100~240VAC
Operating frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Circuit Wattage	24w including Driver	48w including Drivers	72w including Drivers	96w including Drivers
Circuit Current	0.31A	0.62A	0.93A	1.24A
Driver Current Rating	530mA	530mA (per lamp)	530mA (per lamp)	530mA (per lamp)
PFC	0.9	0.9	0.9	0.9
In Rush Current	TBC	TBC	TBC	TBC
Start Time	< 0.5 Sec	< 0.5 Sec	< 0.5 Sec	< 0.5 Sec
Ambient temperature range	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
IP rating	20	20	20	20

## 15w version

Technical Data	Chieti AR111 Single	Chieti AR111 Twin	Chieti AR111 Triple	Chieti AR111 Quad
Nominal voltage	100~240VAC	100~240VAC	100~240VAC	100~240VAC
Operating frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Circuit Wattage	15w including Driver	30w including Drivers	72w including Drivers	96w including Drivers
Circuit Current	0.16A	0.32A	0.48A	0.64A
Driver Current Rating	530mA	530mA (per lamp)	530mA (per lamp)	530mA (per lamp)
PFC	0.9	0.9	0.9	0.9
In Rush Current	0.35A Max Peak	0.35A Max Peak (per lamp)	0.35A Max Peak (per lamp)	0.35A Max Peak (per lamp)
Start Time	< 0.5 Sec	< 0.5 Sec	< 0.5 Sec	< 0.5 Sec
Ambient temperature range	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
IP rating	20	20	20	20

## Construction

Body: Aluminium

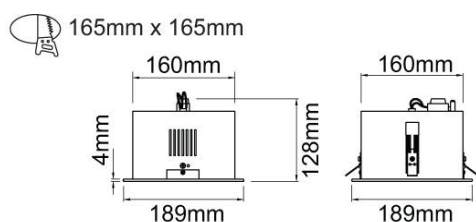
## Standards

BSEN60598-1:2021      Luminaires – Part 1: General Requirements and tests

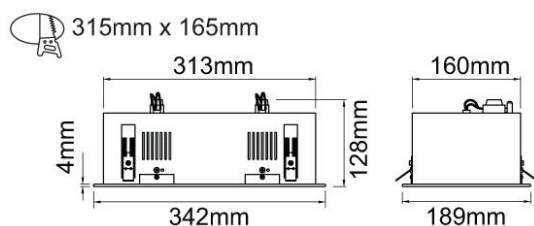
## In Conformity with

LVD	Low voltage directive 2014/35/EU
EMC	Electromagnetic compatibility directive 2014/30/EU
ERP	Energy related products directive 2019/2020/EU
RoHS	Restriction of hazardous substances 2015/863/EU

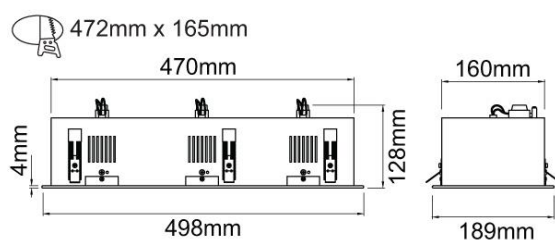
# Product Dimensions



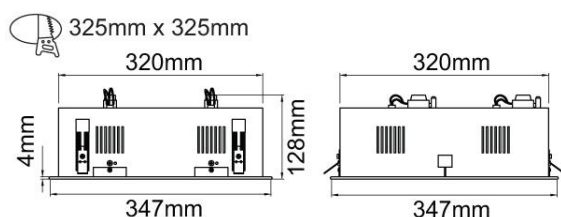
**KSR8230/35**



**KSR8231/36**



**KSR8232/37**



**KSR8233/38**

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