

# Qr10 LED Range

Fire Rated Downlights

Data Sheet



## Product Information

The FireBreak Qr range of IP65 LED downlights are the perfect for downlighting any areas including bathrooms. They are 3000K or 4000K CCT and Dimmable as standard using a range of compatible dimmers. Complete with a 3 year warranty for your peace of mind.



## Product Features

- 3 year warranty
- IP65
- Instant on
- Energy savings up to 90% vs 50W Halogen Lamps
- High efficiency Up to 97lm/w
- CRI: Ra84
- Dimmable see [www.ksrlighting.com](http://www.ksrlighting.com) for compatible dimmer lists
- Tested for Solid Timber Joists for 30, 60 and 90 minute fire rated ceilings
- Colour rim options available
- Emergency options available to order
- Heads can be loosely covered in (Driver must be kept free of insulation)
- L70/B10 – 60,000hrs

# Product Specification

Product Code	Product Description	Wattage (W)	CCT (K)	Lumens (lm)	CRI (Ra)	Energy Efficiency Class 2021	Protection Class
KSRFRD350	Fire Rated LED Dimmable Downlight	8.8	3000	825	83	F	II
KSRFRD350EM	Fire Rated LED Dimmable Emergency Downlight	8.8	3000	825	83	F	II
KSRFRD351	Fire Rated LED Dimmable Downlight	8.8	4000	855	84	F	II
KSRFRD351EM	Fire Rated LED Dimmable Emergency Downlight	8.8	4000	855	84	F	II
<b>Accessories</b>							
KSRFRD352	FireBreak Qr Chrome Detachable Bezel						
KSRFRD353	FireBreak Qr Satin Chrome Detachable Bezel						
KSRFRD354	FireBreak Qr Brass Detachable Bezel						
KSRFRD355	FireBreak Qr Black Detachable Bezel						
KSRFRD356	FireBreak Qr Converter Plate White						
KSRFRD357	FireBreak Qr Converter Plate Chrome						
KSRFRD358	FireBreak Qr Converter Plate Satin Chrome						
KSRFRD367	FireBreak Qr Satin Brass Detachable Bezel						
KSRFRD368	FireBreak Qr Copper Detachable Bezel						
KSRFRD369	FireBreak Qr Antique Brass Detachable Bezel						
KSRFRD390	FireBreak Qr Square White Detachable Bezel						
KSRFRD391	FireBreak Qr Square Chrome Detachable Bezel						
KSRFRD392	FireBreak Qr Square Satin Chrome Detachable Bezel						
KSRFRD393	FireBreak Qr Square Black Detachable Bezel						
KSRFRD394	FireBreak Qr Square Satin Brass Detachable Bezel						

Nominal voltage	220~240V
Operating frequency	50-60Hz
Ambient temperature range	-20°C~+40°C
Start time	< 0.5 sec
Beam angle	66°
IP rating	65

Product Code	Circuit Current (A)	Driver (mA)	Power Factor (PF)	In Rush Current
KSRFRD350	0.04	200	0.90	TBC
KSRFRD350EM	0.04	200	0.90	TBC
KSRFRD351	0.04	200	0.90	TBC
KSRFRD351EM	0.04	200	0.90	TBC

## Standards

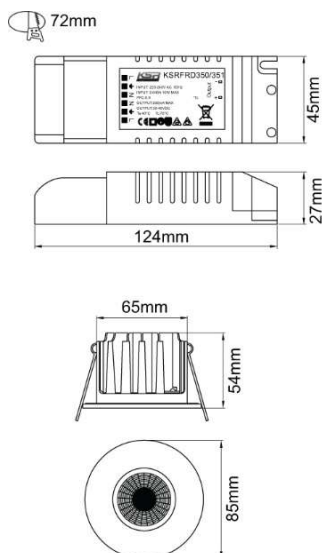
BSEN60598-1:2021      Luminaires – Part 1: General requirements and tests

## In Conformity with

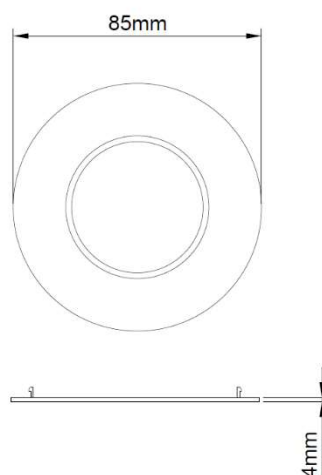
LVD	Low voltage directive 2014/35/EU
EMC	Electromagnetic compatibility directive 2014/30/EU
ERP	Energy related products directive 2019/2020/EU
RoHS	Restriction of hazardous substances 2015/863/EU
Part E	Acoustic performance
Part B	Fully tested for 30, 60 and 90 minute ceiling types using Solid timber joists and 30 minute rated for I-Joist and 250mm/300mm Metal web joists to meet Part B of Building Regulations, specifically Fire Resistance Performance of a load bearing floor with downlighters BS476 : Part 21: 1987 Clause 7
Part C	Air & moisture transfer

## Product Dimensions

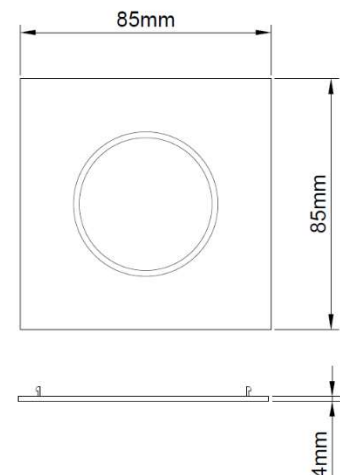
### KSRFRD350-351



### KSRFRD352-355 / KSRFRD367-369



### KSRFRD390-394



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