 BEKA LEDFLARE

## CHARACTERISTICS – LUMINAIRE

Optical compartment tightness level:	IP 66
Control gear tightness level:	IP 66
Nominal voltage:	185-265V - 50Hz
Electrical class:	I
Weight (total):	13,7kg
Correlated colour temperature (CCT):	Neutral white light (5000K)
Materials:	Body: Stainless steel (3cr12) Protector: High-impact clear glass
Standard colour:	White (RAL 9016)

## APPLICATIONS

- Commercial areas
- Fuel station canopies
- Warehouses & workshops
- Industrial areas
- Multi-purpose halls

## KEY ADVANTAGES

- Reliable LED engine, using Osram LEDs
- LED compartment - IP 66
- Designed to operate LED light sources of up to 160W in an ambient temperature environment of up to 35°C, without reducing the LED lifetime of 60 000 operating hours, at a lumen depreciation of not more than 20% (L80)
- Designed for easy and reliable canopy and ceiling or suspension installations
- Easily accessible power supply/driver compartment
- Glare-reduced light distribution
- Multiple lighting distributions for customized projects, with efficiency and visual comfort

## ORDERING DATA

DESCRIPTION	LEDS	CURRENT (mA)	LUMEN	MASS (KG)
BEKA LEDflare 85W	36	700	9 100	12.6
BEKA LEDflare 114W	48	700	12 100	12.6
BEKA LEDflare 142W	60	700	15 100	13.7
BEKA LEDflare 160W	72	600	16 390	13.7

Standard optic: 2100 - symmetric beam for low mounting heights

## OPTIONS

ELECTRICAL	
<b>Switching/dimming control</b>	Pre-programmable stand-alone dimming device Dimmable - DALI
MECHANICAL	
<b>Mounting</b>	Eyebolt mounting assembly
<b>Colour</b>	Other RAL colours available on request
PHOTOMETRICS	
<b>Optics</b>	2100 - symmetric beam for low mounting heights 2200 - asymmetric beam for low mounting heights 2400 - symmetric beam for high mounting heights

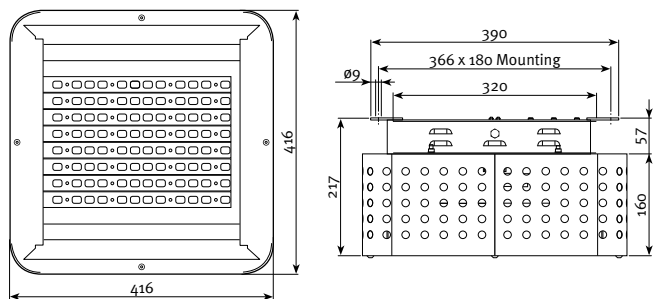
- Available in neutral white light, 5000K
- Colour rendering index >70
- Optional dimming
- Instant hot and cold restrike
- Fused surge protection of 10kA/10kV
- Thermal feedback to preserve the lifetime in ambient temperature environments of more than 35°C
- Fully designed and manufactured in South Africa

## CONSTRUCTION DETAILS

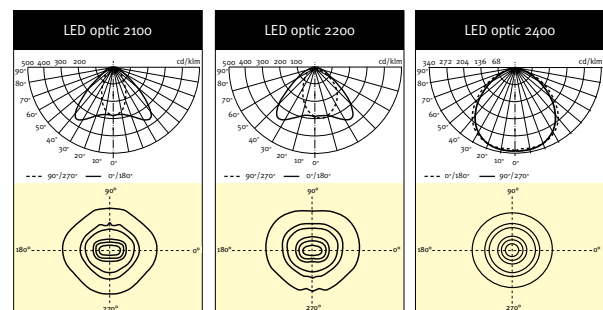
The luminaire consists of an IP 66 protected LED engine, which is thermally separated from the power supply/driver compartment. The ease of installation is facilitated by the external mounting lugs and a hingeable connector plate.

The luminaire housing is manufactured from stainless steel (3cr12), epoxy powder coated to BEKA Schröder's renowned specification for harsh interior or exterior finishes.

## DIMENSIONS IN MM



## LIGHT DISTRIBUTIONS



Electronic data files can be downloaded from [www.beka.co.za/knowledge-base](http://www.beka.co.za/knowledge-base)

Designed and manufactured by BEKA (Pty) Ltd - South Africa  
Manufacturers of Luminaires and Glass Fibre Poles

03/14



BEKA (Pty) Ltd | 13 West View Road | P.O. Box 120 | Olifantsfontein | 1665 | South Africa  
Tel: +27 11 238 0000 | Fax: +27 11 238 0180  
info@beka-schreder.co.za | www.beka-schreder.co.za

