



BEKA SUPRANOVA

**BEKA**  
Schréder



# BEKA SUPRANOVA



With glass protector



With polycarbonate (or acrylic) protector



BEKA SUPRANOVA - Emergency

## APPLICATIONS

- Industrial plant lighting
  - Conveyor lighting
  - Furnace lighting
  - Security lighting
  - Hazardous area lighting
  - Tunnel lighting
- A silicone closed cell gasket is situated in the location channel of the body.
  - Internal fixing screws and brackets are corrosion-resistant electro-plated.
  - All external screws are made of stainless steel.

## KEY ADVANTAGES

- High-efficient reflector system
- Corrosion-resistant aluminium high-pressure die-casting (EN 1706 AC-44300)
- Exterior mounting lugs
- Ingress protection - IP 66
- Stainless steel clips and hinge for protector enclosure
- Lumen output efficiency of minimum 78%
- Borosilicate clear glass, high-impact acrylic or polycarbonate protector
- Available in emergency version
- Available for Zone 2, 21 and 22 applications
- T<sub>a</sub> rating of 40°C

## CONFORMITY TO STANDARDS

- SANS/IEC 60598-2-1 (Safety and Ingress Protection Mark)
- SANS/IEC 61421-1 (Zone 21/22 version)
- SANS/IEC 60079-2 (Zone 2 version)

## BODY

- The body is manufactured from high-pressure die-cast (EN 1706 AC-44300) aluminium.
- It is fitted with four stainless steel Grade 304 latches with hinge facility.
- The aluminium frame (EN 1706 AC-44300) retains the protector with hinge and wireguard fixing mechanism.
- The body incorporates two aluminium (EN 1706 AC-44300) mounting lugs and one M20 threaded gland entry.

## PROTECTOR

- The protector is fitted into an aluminium frame to facilitate the stainless steel latches and hinging of the protector when opened.
- Borosilicate clear glass (Boro 3,3), high-impact acrylic or polycarbonate protector versions are available.

## REFLECTOR SYSTEM

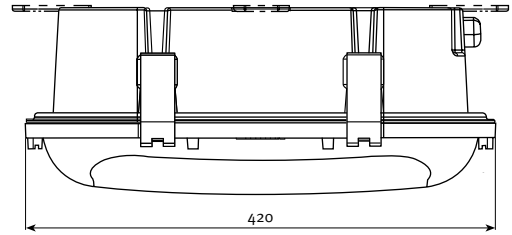
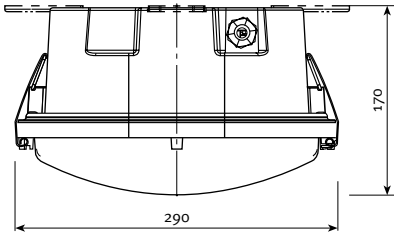
- The single-piece, high-performance bright aluminium faceted reflector is suitable for clear tubular lamps.

## ELECTRICAL COMPONENTS

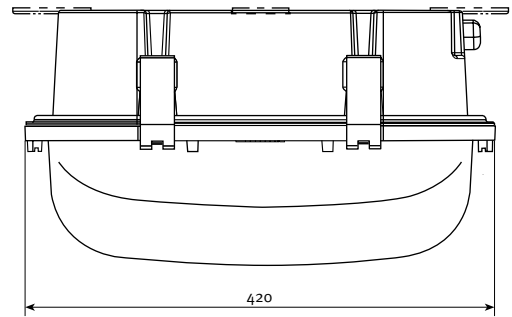
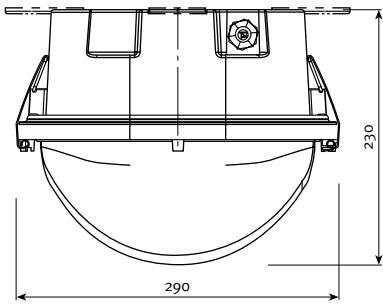
- All control gear is suited to 230V +3%/-10% 50Hz single phase supply, and power factor corrected to 0,9.
- All internal wiring is Teflon® coated.

## DIMENSIONS IN MM

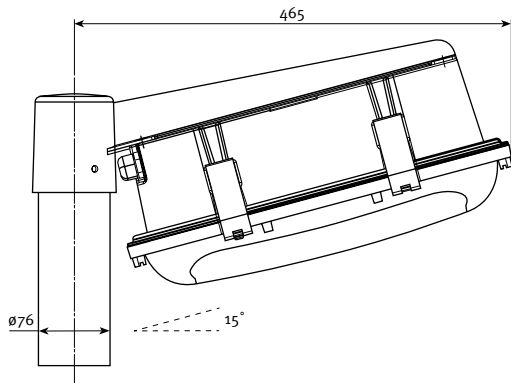
### BEKA SUPRANOVA with glass protector and mounting lugs



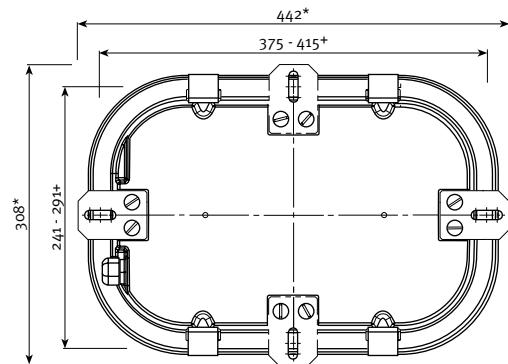
### BEKA SUPRANOVA with acrylic/polycarbonate protector and mounting lugs



### Spigot mounting



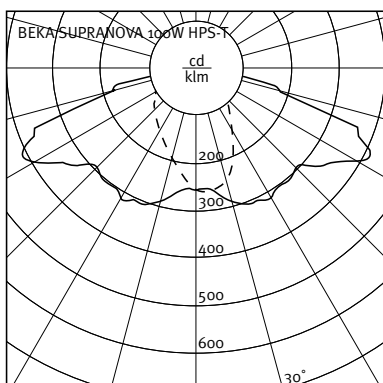
### Mounting lugs - long axis or short axis



\* Overall dimension including mounting lugs  
+ Distance of centre hole

## LIGHT DISTRIBUTION

### INTENSITY DISTRIBUTION



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

## ORDERING DATA

DESCRIPTION	LAMP	LAMP HOLDER	LUMEN	MASS (KG)
<b>PROTECTOR OPTION - GLASS</b>				
BEKA SUPRANOVA/GL 1*32W CFL	Dulux T/E 32W	Gx24q-3	2 400	5.2
BEKA SUPRANOVA/GL 1*42W CFL	Dulux T/E 42W	Gx24q-4	3 200	5.2
BEKA SUPRANOVA/GL 2*18W CFL	TC-L 18W	Gx24q-2	1 200	7
BEKA SUPRANOVA/GL 2*26W CFL	TC-TEL 26W	Gx24q-3	1 800	7
BEKA SUPRANOVA/GL 50W HPS-T	HST-X4 50W	E27	4 400	7.1
BEKA SUPRANOVA/GL 70W HPS-T	HST 70W	E27	6 000	7.2
BEKA SUPRANOVA/GL 100W HPS-T	HST 100W	E40	9 000	7.4
BEKA SUPRANOVA/GL 150W HPS-T	HST 150W	E40	15 000	7.9
BEKA SUPRANOVA/GL 70W MH-T	HIT 70W	E27	5 300	7.2
BEKA SUPRANOVA/GL 100W MH-T	HIT 100W	E40	9 000	7.4
BEKA SUPRANOVA/GL 150W MH-T	HIT 150W	E40	14 000	7.9
<b>PROTECTOR OPTION - ACRYLIC</b>				
BEKA SUPRANOVA/AC 1*32W CFL	Dulux T/E 32W	Gx24q-3	2 400	5.2
BEKA SUPRANOVA/AC 1*42W CFL	Dulux T/E 42W	Gx24q-4	3 200	5.2
BEKA SUPRANOVA/AC 2*18W CFL	TC-L 18W	Gx24q-2	1 200	5.2
BEKA SUPRANOVA/AC 2*26W CFL	TC-TEL 26W	Gx24q-3	1 800	5.2
BEKA SUPRANOVA/AC 50W HPS-T	HST-X4 50W	E27	4 400	5.3
BEKA SUPRANOVA/AC 70W HPS-T	HST 70W	E27	6 000	5.4
BEKA SUPRANOVA/AC 100W HPS-T	HST 100W	E40	9 000	5.6
BEKA SUPRANOVA/AC 150W HPS-T	HST 150W	E40	15 000	6.1
BEKA SUPRANOVA/AC 70W MH	HIT 70W	E27	5 300	5.4
BEKA SUPRANOVA/AC 100W MH	HIT 100W	E40	9 000	5.6
BEKA SUPRANOVA/AC 150W MH-T	HIT 150W	E40	14 000	6.1
<b>PROTECTOR OPTION - POLYCARBONATE</b>				
BEKA SUPRANOVA/PC 1*32W CFL	Dulux T/E 32W	Gx24q-3	2 400	5.2
BEKA SUPRANOVA/PC 1*42W CFL	Dulux T/E 42W	Gx24q-4	3 200	5.2
BEKA SUPRANOVA/PC 2*18W CFL	TC-L 18W	Gx24q-2	1 200	5.2
BEKA SUPRANOVA/PC 2*26W CFL	TC-TEL 26W	Gx24q-3	1 800	5.2
BEKA SUPRANOVA/PC 50W HPS-T	HST-X4 50W	E27	4 400	5.3
BEKA SUPRANOVA/PC 70W HPS-T	HST 70W	E27	6 000	5.4
BEKA SUPRANOVA/PC 100W HPS-T	HST 100W	E40	9 000	5.6
BEKA SUPRANOVA/PC 150W HPS-T	HST 150W	E40	15 000	6.1
BEKA SUPRANOVA/PC 70W MH	HIT 70W	E27	5 300	5.4
BEKA SUPRANOVA/PC 100W MH	HIT 100W	E40	9 000	5.6
BEKA SUPRANOVA/PC 150W MH-T	HIT 150W	E40	14 000	6.1

Standard colour: Natural aluminium

## OPTIONS AND ACCESSORIES

<b>ELECTRICAL</b>	
<b>Switching control</b>	Miniature daylight switch, recessed
<b>Emergency</b>	12W/1/620lm LED emergency light with remote module Emergency version of the 2*26W CFL model, one lamp, maintained at 27% light output, one hour
<b>MECHANICAL</b>	
<b>Mounting</b>	Spigot mount Anti-vibration mounting
<b>Colour</b>	Black (RAL 9017) Painted version, specify RAL colour
<b>Extras</b>	Wireguard (for glass protector only)
<b>EXPLOSION PROOF</b>	
<b>Classification</b>	Zone 2 (only for glass or polycarbonate protector version) Zone 21/22 (only for glass or polycarbonate protector version)

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

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