

# ECLIPSE JUNIOR

Ex n WELL-GLASS

The Eclipse Junior is a well-glass luminaire suitable for high pressure discharge lamps up to 70W and GLS lamps up to 150W.

It has a lightweight corrosion resistant aluminium body and heat resistant glass cover with stainless steel fasteners.

It is tested to IP66 and is suitable for use in harsh environments. The protection is Ex nAR incorporating a restricted breathing lamp chamber and an unrestricted control gear and terminal housing. This removes the need for special cable or glands.

The lamp-glass has a screwed thread for quick access. The main enclosure containing the control gear hinges on the mounting part but is not fastened to it. This allows ready access to the terminals and the easy removal of the control gear and lamp enclosure if maintenance is needed.

There is a range of wall, surface and stanchion mountings integrated into the designs. This small well-glass offers a compact lighting solution for use where all round lighting is needed in positions having limited space and access.



## Standard Specification

## Features

Type of Protection	Ex nA nR (Non-sparking, Restricted Breathing)
ATEX Classification	Group II Category 3 G
Area Classification	Zone 2 areas to EN 60079-10 with installation to EN 60079-14
Apparatus Standard	EN 60079-15
Certificate	EC Type Examination Certificate BAS04ATEX0393X
Coding	⊕ II 3 G EEx nAR II (refer to table for T class and Ambient)
Enclosure	Painted aluminium body with glass lens. Silicone rubber gasket. Stainless steel fasteners
Entry	2 x M20 cable entries
Termination	3 core 6mm <sup>2</sup> max. conductor with looping
Installation	Ceiling mounting
Control Gear	Internal copper/iron ballast with ignitor and PFC correction capacitor
Relamping	Access via sealed lamp chamber
Lampholder	E27 or G24q
Lamp Type	HPS, Metal Halide, Mercury Vapour, CF or GLS
Burning Position	Up to 25° off vertical
Ingress Protection	IP66 to EN 60529
Electrical Supply	220, 230, 240, 254V 50Hz - 70 & 80W (HID) 220, 230, 240V 50Hz - 50, 100 & 125W (HID) 240V 50Hz - CF, 250Vmax. 150W GLS

Compact size and low weight

Easy access for wiring and control gear

Unrestricted breathing gear enclosure removes the need for special glands or cable

Corrosion resistant

Excellent light distribution

Suitable for a wide range of ambient temperatures from -45°C to +55°C, dependant on lamp type and wattage

CEPEL Approved

GOST Approved

# ATEX CATEGORY 3 ZONE 2 & 22 APPLICATIONS

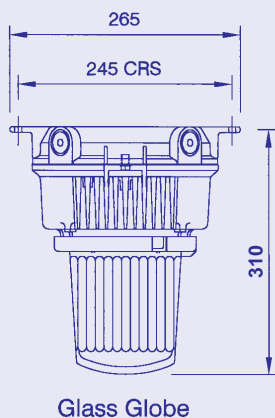
Std. Cat No.	Wattage	Lamp	Lampholder	T Class	Ambient °C	Weight
ECJN/050/HS	50W	HPS	E27	T4	50	5.5kg
ECJN/070/MS	70W	HPS/Metal Halide	E27	T4	50	6.0kg
ECJN/080/MV	80W	MBFU	E27	T3	50	6.0kg
ECJN/125/MV	125W	MBFU	E27	T3	40	6.5kg
ECJN/113/CF	1x13W	CFL	G24q	T4	50	5.0kg
ECJN/118/CF	1x18W	CFL	G24q	T4	50	5.0kg
ECJN/126/CF	1x26W	CFL	G24q	T4	50	5.0kg
ECJN/150/GL	150W	GLS	E27	T4	55	5.0kg

## Options - Suffix to Catalogue No.

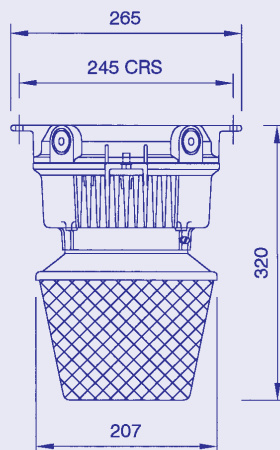
/___	Specific voltage (220,230,254)
/60	60Hz
/R	Prismatic glass refractor
/WM	Wall mounted version
/ST	Stanchion mounted version
/PE	Pendant mounted version
/NC	No capacitors
/D	Zone 22 Dust applications

## Applications

Zone 2 hazardous areas  
 Low temperature environments  
 Medium low bay lighting  
 Gantry and walkway lighting  
 Road tanker loading facilities  
 Stairwells  
 Meter reading areas  
 Sewage treatment plants  
 Distilleries



Glass Globe



Glass Refractor

## Accessories (Should be ordered separately)

## Catalogue Order Code

Cast Guard	CECJ7-0007
Dome Reflector	SECL0-0001
30° Angled Reflector	SECL0-0002
Guard for Glass Refractor	HECJ4-0001

Product design and specifications are subject to change without notice, please check the Chalmit website for latest specifications.



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