

# Newton Aluminium Mini Bulkhead 12W

8" >960lm



## Features

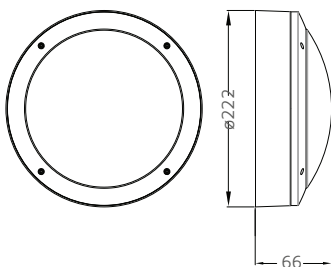
- IP65 rated housing - protected against dust and water
- Shatterproof polycarbonate diffuser
- Maintained or non-maintained Emergency operation



## Compatible Accessories

Mini Half Moon Cover [NET-11-06-95](#) Page 124

Photocell Kit for Outdoor Lighting [NET-51-04-59](#) Page 155



All units are in mm

## KEY DATA

Power	12W
Luminous Flux	>960lm
Colour Temperature	3000K/4000K/5500K
IP Rating	IP65
IK Rating	IK10
Dimensions	ø222 x 66mm
Warranty	3 Years

Part Number STD

[NET-11-06-91](#)

Part Number EM

[NET-11-06-93](#)

## TECHNICAL SPECIFICATIONS

Input Voltage AC	220-240V
Power Factor	>0.95
Luminaire Efficacy	80lm/W
LED Manufacturer	Yuanlei
LED Type	SMD 2835
No. of LEDs	104
Driver Manufacturer	BOKE
Driver Output Voltage DC	28-42V
Total Circuit Power (W)	12W +/- 1.5W
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	115°
Dimmable	No
Operating Temp.	-15°C to +45°C
Lifespan <sub>LM80</sub>	30,000 Hours
Fire Rating	V2
UGR Rating	More than 19
Diffuser Material	Polycarbonate
Housing Material	Aluminium
Housing Colour	Black
Weight	0.98Kg
Manufacturer	Toppo Lighting

## EMERGENCY SPECIFICATIONS

Emergency Operation	>3H
Battery Pack	Li-on 3.7V
Emergency Pack	KREAT
Emergency Kit	1 Year Warranty
Operating Temp.	0°C to +45°C
Luminous Flux Factor	10%

## Typically Replaces

- 1 x 16W fluorescent 2D Standard or Emergency Bulkhead