

## Howden Plus

**Category:** Howden Plus

**Part Number:** 431770-E3

**Description:** Howden Plus 450mm Bulkhead 18W/22W/26W/30W  
3CCT IP65 White Emergency



### Product Features:

- Tough and durable polycarbonate housing
- Push-fit terminals with loop in and loop out
- 300lm emergency option
- 3CCT switchable
- IK08 impact rated
- X4 20mm conduit entry points
- Ideal for stairwells



### General information:

Wattage (W)	18 / 22 / 26 / 30
Lumens (lm)	2,350 / 2,850 / 3,750 / 3,900
Efficacy (lm/W)	130
Colour Temperature (K)	3000 / 4000 / 6000
CCT	3CCT
IP Rating	65
IK Rating	8
Class Rating	2
Energy Rating	C
Flicker	Flicker Free
Dimmable	0-10V / PWM
L70 Hours	60000
L90 Hours	52000
Paint Finish (RAL)	9016

### Technical information:

Application Location	Internal
Emergency Output (lm)	300
Beam Angle	140
CRI	80
Input Type	220-240V AC
Driver Type	CC
Operating Temperature From	-20
Operating Temperature To	40
Product Warranty (Years)	5
Driver Brand	Boke
Socket	N/A
Frequency (Hz)	50   60
Diffuser Material	Polycarbonate
Install Options	BESA/Conduit
Install Type	Push Terminal
Replaceable Driver	Professional
Replaceable LED	Professional
Body Material	Polycarbonate
Maintained	Non-Maintained
Emergency Wattage (W)	3.5

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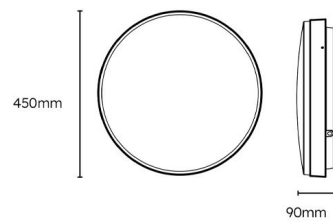
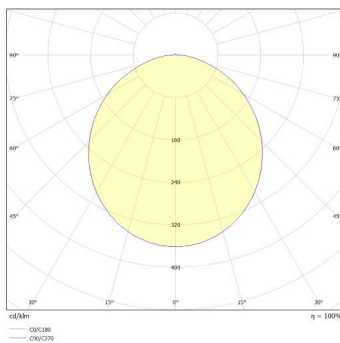
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## Technical information:

Emergency IP Rating	20
Cell Type	IFR18650 - LiFePO4
Capacity (mAh)	3200
Recharge Time (Hours)	24
Emergency Duration (Hours)	3
Emergency Output (Standalone lm)	400
Charge Current (mA)	250
Battery Size (V/Ah)	3.2 / 3.2
Battery Temperature (To) (°C)	30
Module Length (mm)	170
Module Width (mm)	54
Module Height (mm)	32
Battery Length (mm)	1300
Battery Width (mm)	20
Battery Height (mm)	20
Battery Discharge (mA)	130



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## Compatible Products:



431346

Alwen Linear Microwave/SD  
Sensor 12V DC Plug & Play

431771

Howden Plus 450mm Black  
Bezel

430904

Step-Dim Remote Control for  
431346