

Patriot 2



Strength, durability and ease of installation are amongst the key attributes designed into the latest version of our popular Patriot range. An all polycarbonate housing and diffuser provides a high level of vandal resistance and when coupled with the wide variety of finishes and lamp options available allows Patriot 2 to be used for most external and internal applications.

Rated at IP65 this dust tight and water jet proof luminaire can be accessed via rear or side cable entry points and installation is simplified through the use of quick release gear trays. 3 hour maintained emergency versions, which pass the 850°C glow wire test, are available as standard making this range suitable for use in defined escape routes as well as open areas. Energy saving models using high frequency control gear form our primary offer but a full complement of switch start versions remain available if required.

LED supplements the choice of the very latest energy efficient and long life technologies.

- Energy efficient bulkhead for interior and exterior use
- Vandal resistant polycarbonate construction for a durable long life
- IP65 dust tight and water jet proof for stay clean operation
- Black or white body colour suits most applications
- Prismatic or opal diffuser option offers maximum light output or a more diffuse lamp image
- Quick release geartray for easy installation
- Supplied with lamp (2D)
- LED version for a high efficacy, low maintenance option

Lamp Options

- 16W, 28W and 38W 2D compact fluorescent, 3500°K - GR 10q cap
- LED - 4000°K

**Materials**

- Base - polycarbonate, white or black (LED in round only)
- Diffuser - opal or clear polycarbonate (LED only opal)
- Geartray - sheet steel, white finish

Installation Notes

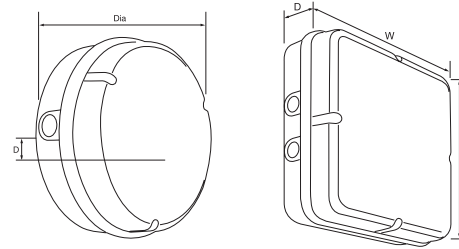
- Suitable for ceiling or wall mounting
- BESA drill points on rear, and alternative drill points for screw fixing
- Central cable entry point
- 3 way, 2 x 1.5mm² terminal block
- Diffuser retained by captive screws
- Supplied complete with lamp

Options

- Minor size (16W) major size (28, 38W and LED)
- Fully integral emergency conversion, 3 hour duration
- Suitable for use on defined escape routes

Specification

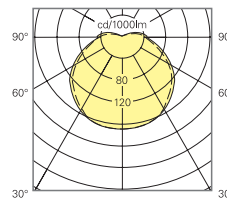
To specify state: Square/Round IP65 vandal resistant compact fluorescent/LED luminaire, black/white polycarbonate base, opal/prismatic polycarbonate diffuser and quick release geartray as Eaton's Patriot 2 range, part no. _____

Dimensions

Lamp Rating	L (mm)	W (mm)	Dia (mm)	D (mm)
Round Minor	-	-	200	85
Round Major	-	-	280	85
Round Major (LED)	-	-	280	95
Square Minor	200	200	-	85
Square Major	280	280	-	85

Photometric Data

Cat. No. P2SWP28Z



LOR: 0.74
ULOR: 0.10
DLOR: 0.64

SHR nom: 1.5:1
SHR max: 1.7:1

Utilisation factors / TM5

Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	37	43	48	52	58	61	64	68	70
	30		31	37	42	46	52	57	60	64	67
	10		27	32	38	42	48	52	56	61	64
50	50	20	35	40	45	49	54	57	60	63	65
	30		30	35	40	44	49	53	56	60	63
	10		26	31	36	40	46	50	53	57	60
30	50	20	33	38	43	46	50	53	56	59	61
	30		29	33	38	42	47	50	53	56	59
	10		25	30	35	38	43	47	50	54	57
0	0	0	23	27	31	35	39	43	45	49	51
BZ-class			6	6	6	6	6	6	6	6	6

See page 458 for design guide

Round 2D



Square 2D



Round LED



Catalogue Numbers

Lamp Rating	Gear Option	Body Colour	Diffuser Type	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
Patriot 2 Round							
1 x 16W	High Frequency	White	Opal	P2RWO16Z	0.8	-	-
1 x 28W	High Frequency	White	Opal	P2RWO28Z	1.0	EBP2RWO28Z	1.5
1 x 38W	High Frequency	White	Opal	P2RWO38Z	1.1	-	-
1 x 16W	High Frequency	White	Prismatic	P2RWP16Z	0.8	-	-
1 x 28W	High Frequency	White	Prismatic	P2RWP28Z	1.0	EBP2RWP28Z	1.5
1 x 38W	High Frequency	White	Prismatic	P2RWP38Z	1.1	-	-

Patriot 2 LED

LED	Fixed Output	White	Opal	P2RWO804KZ	1.0	ELP2RWO804KZ	1.4
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For black base versions, replace character **W** with **B**, e.g. P2RWO804KZ becomes P2RBO804KZ

Patriot 2 Square

1 x 16W	High Frequency	White	Opal	P2SWO16Z	0.8	-	-
1 x 28W	High Frequency	White	Opal	P2SWO28Z	1.0	EBP2SWO28Z	1.5
1 x 38W	High Frequency	White	Opal	P2SWO38Z	1.1	-	-
1 x 16W	High Frequency	White	Prismatic	P2SWP16Z	0.8	-	-
1 x 28W	High Frequency	White	Prismatic	P2SWP28Z	1.0	EBP2SWP28Z	1.5
1 x 38W	High Frequency	White	Prismatic	P2SWP38Z	1.1	-	-

For black base versions, replace character **W** with **B**, e.g. P2SWP28Z becomes P2SBP28Z

Note: LED version is not available in square base versions