





Wavelite 2 harnesses the latest fluorescent technology, offering both T8 and T5 lamps with energy efficient HF control gear minimising running costs. The reeded diffuser is manufactured from UV stabilised polycarbonate which has good impact resistance making the luminaire ideal for public spaces. The opal material allows generous lumen output performance whilst softening the lamp image to provide a pleasing appearance.

- Elegant low profile design
- Energy efficient T5 HE and HO fluorescent lamp options with T8 options also available
- Surface or suspended mounting options to suit a variety of applications and minimise installation time
- Secure snap fit diffuser for ease of lamp replacement and maintenance
- Robust polycarbonate diffuser offers impact resistance and can be secured for tamper resistance if required
- Integral emergency versions available with automatic test functionality
- Integrated occupancy sensor option to maximise energy saving

# Surface and Suspended

## Wavelite 2

### Lamp and Control Gear Options

- 28W and 35W (HE), 49W and 54W (HO) T5 fluorescent 4000°K - G5 cap 
- 36W, 58W, 70W T8 fluorescent 4000°K - G13 cap 
- High frequency control gear as standard
- DSI digital dimming also available

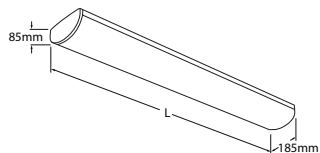
### Materials

- Body - sheet steel with RAL9016 white powder coat finish
- End cap - injection moulded ABS, colour matched
- Diffuser - opal UV stabilised polycarbonate

### Installation Notes

- Suitable for direct fix via BESA or embossed fixing points
- Suspension option via 2 x adjustable 1.5m drop wire suspension kits (ordered separately as an additional suspension kit WLTSKIT)  
Suspension height adjusted via simple clutch mechanism
- Terminal block with 2 x 2.5mm<sup>2</sup> cable capacity per termination
- BESA fixings on rear of housing at 600mm centres. (central cable entry hole in BESA may be covered on some versions depending on control gear, outer fixing holes remain accessible)
- Supplied less lamps
- IP40 rating applies when fitted flush to a flat mounting surface

### Dimensions



Lamp Rating		L (mm)
<b>T5 lamps</b>	<b>T8 lamps</b>	
1/2 x 28W	1/2 x 36W	1245
1/2 x 35/49W	1/2 x 58W	1545
-	1/2 x 70W	1809

BESA feature is at 600mm centres. On all T5 and 36W T8 emergency versions one 20mm cable entry hole is covered by the battery, however the fixing holes of the BESA feature are still accessible.

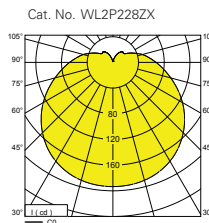
### Options

- Fully integral emergency conversion, 3 hour duration
- Emergency with automatic test functionality available
- Surface or suspended mounting - suspended via kit available separately
- Integrated microwave occupancy sensor option -'IM' prefix - for use with switched HF control gear or 'Corridor-function' via appropriate dimming ballast

### Specification

To specify state: Curved, low profile, surface T5/T8 fluorescent HF luminaire with robust reeded prismatic opal polycarbonate diffuser, steel housing in RAL9016 powder coat finish, injection moulded snap fit end caps with anti-tamper provision, (Suspended option via separate suspension kit with simple clutch mechanism height adjustment) as Eaton's Wavelite 2 range, part no. \_\_\_\_\_

### Photometric Data



LOR: 0.775  
ULOR: 0.11.6  
DLOR: 0.659

SHR nom: 1:1.5  
SHR max: 1:1.69

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	40	46	52	56	61	65	68	71	74
70	30	20	34	40	46	50	56	60	63	68	70
70	10	20	30	36	41	45	52	56	59	64	69
50	50	20	38	43	48	52	57	60	63	66	68
50	30	20	33	38	43	47	53	56	59	63	66
50	10	20	29	34	39	43	49	53	56	60	63
30	50	20	36	41	45	49	53	56	58	61	63
30	30	20	31	36	41	45	50	53	56	59	61
30	10	20	28	33	38	41	46	50	53	57	59
0	0	0	25	30	34	37	42	45	48	51	53
BZ-class			5	5	5	5	5	5	5	5	5

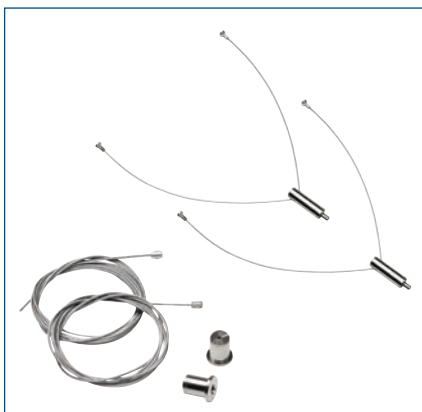
See page 514 for Design Guide

## Catalogue Numbers

Lamp Rating/Type	Gear Type	Controller	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
<b>Wavelite 2</b>						
1x28 T5 HE Lamp	High Frequency	Opal reeded	WL2P128ZX	2.7	EBWL2P128ZX	3.0
2x28 T5 HE Lamps	High Frequency	Opal reeded	WL2P228ZX	3.3	EBWL2P228ZX	4.6
1x54 T5 HO Lamp	High Frequency	Opal reeded	WL2P154ZX	2.7	EBWL2P154ZX	4.0
2x54 T5 HO Lamps	High Frequency	Opal reeded	WL2P254ZX	3.3	-	-
1x35 T5 HE Lamp	High Frequency	Opal reeded	WL2P135ZX	3.1	EBWL2P135ZX	4.4
2x35 T5 HE Lamps	High Frequency	Opal reeded	WL2P235ZX	3.6	EBWL2P235ZX	4.9
1x49 T5 HO Lamp	High Frequency	Opal reeded	WL2P149ZX	3.1	EBWL2P149ZX	4.4
2x49 T5 HO Lamps	High Frequency	Opal reeded	WL2P249ZX	3.6	EBWL2P249ZX	4.9
1x36 T8 Lamp	High Frequency	Opal reeded	WL2P136ZX	2.5	EBWL2P136ZX	3.8
2x36 T8 Lamps	High Frequency	Opal reeded	WL2P236ZX	3.1	EBWL2P236ZX	4.4
1x58 T8 Lamp	High Frequency	Opal reeded	WL2P158ZX	3.5	EBWL2P158ZX	4.8
2x58 T8 Lamps	High Frequency	Opal reeded	WL2P258ZX	4.2	EBWL2P258ZX	5.5
1x70 T8 Lamp	High Frequency	Opal reeded	WL2P170ZX	4.5	EBWL2P170ZX	6.1
2x70 T8 Lamps	High Frequency	Opal reeded	WL2P270ZX	5.5	EBWL2P270ZX	7.1
1.5m	1.5 Suspension Wire Kit		WLTSKIT	0.1		

For DSI Dimming option, replace part number character **Z** with **RD**, e.g. WL2P135ZX becomes WL2P135RDX

Emergency versions available with automatic test functionality – see page 235 for system features



Suspension wire kit