

WAVEFORM T5

- Distinctive and attractive architectural profile
- Comfortable, soft lighting effect
- Excellent vertical to horizontal luminance balance
- 65°-1500cd/m² satin louvre for VDT areas
- Perforated diffuser for general illumination
- Choice of high efficiency or high output T5 lamps

Re-engineered and restyled, the new Waveform T5 offers enhanced levels of visual comfort and a contemporary, attractive profile. Designed exclusively for use with T5 lamps, Waveform T5 is now available with a 65°-1500cd/m² satin louvre attachment in addition to a perforated diffuser, the former being ideal for VDT office applications. Both attachments are suspended below a distinctive wing profile reflector, providing soft and wide light distribution, illuminating the ceiling and vertical surfaces to create an improved visual environment. Waveform T5 is also easy to install, with a first fix body spine providing a mechanical and electrical base onto which the wing reflector and selected optical attachment is rapidly assembled.

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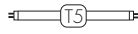
WHERE TO USE WAVEFORM T5

- Offices
- VDT working areas
- Reception areas
- Board rooms
- Conference rooms
- Lecture/study areas
- Universities, schools and colleges
- Libraries
- Retail

WAVEFORM T5

LAMP OPTIONS

- 28W, 35W (HE), 49W 54W (HO)
T5 fluorescent, 4000°K - G5 cap



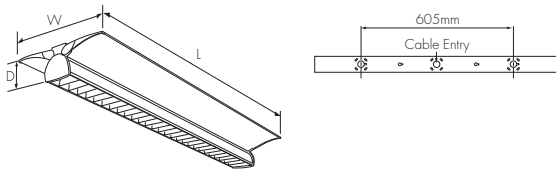
MATERIALS

- Body spine/wing reflector - steel, powder coated in RAL 9016 finish
- End caps - Injection moulded polycarbonate, colour matched
- Louvre - Xenoptic grade satin finish, zero iridescence anodised aluminium
- Perforated diffuser - curved steel profile, powder coated in RAL 9016 finish
- Diffusing overlay - flame retardant diffusing medium

INSTALLATION NOTES

- Suitable for direct fix
- Body spine fitted first. BESA entries at 600mm fixing centres and central cable entry
- 3 way, 2 x 2.5mm² terminal block
- Fused as standard
- Wing reflector retained on spine by screws via key hole slots
- Flying lampholders fitted to location inside end caps
- Louvre attachment retained by positive location shootbolts and fitted with hanging straps for hands free re-lamping
- Perforated diffuser attachment clips around end caps
- Supplied complete with lamps

DIMENSIONS



Lamp Rating	With louvre attachment			With diffuser attachment		
	L (mm)	W (mm)	D (mm)	L (mm)	W (mm)	D (mm)
1/2 x 28/54W	1236	380	117	1236	380	108
1/2 x 35/49W	1536	380	117	1536	380	108

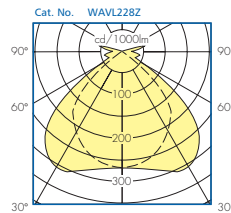
OPTIONS

- High frequency control gear as standard
- HF regulating versions on request
- Fully integral emergency conversion (remote batteries on 28/54W versions) 3 hour duration
- Intellem self test emergency versions available
- Suitable for use on defined escape routes

SPECIFICATION

To specify state: Architectural, F marked surface luminaire, with dispersive wing reflector and 65°-1500 cd/m² Xenoptic satin zero iridescence louvre, retained by shootbolts/clip-on, curved perforated diffuser, as Crompton Waveform T5 range, part no _____

PHOTOMETRIC DATA



LOR: 0.71
ULOR: 0.04
DLOR: 0.67
SHR nom: 1.75
SHR max: 1.84

Utilisation factors / TMS

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	-	56	59	62	66	68	70	72	73
30	-	-	52	55	58	62	65	67	70	71	-
10	-	-	48	52	55	60	62	65	68	70	-
50	50	20	-	54	57	60	63	65	67	69	70
30	-	-	50	54	57	60	63	64	67	68	-
10	-	-	48	51	54	58	60	62	65	67	-
30	50	20	-	52	55	58	60	62	64	65	67
30	-	-	49	53	55	58	60	62	64	65	-
10	-	-	47	50	53	56	59	60	63	64	-
0	0	0	-	45	48	50	53	55	57	59	60
BZ-class			-	1	2	2	2	2	2	3	3

See page 422 for Design Guide

**IP20****CATALOGUE NUMBERS**

Lamp Rating	Gear Option	Attachment	Cat. No.	Weight (kg)	Emergency Cat. No.	Weight (kg)
Waveform T5 - with high efficiency (HE) lamps						
1 x 28W	High frequency	Louvre	WAVL128Z	5.30	EMWAVL128Z	6.62
2 x 28W	High frequency	Louvre	WAVL228Z	5.54	EMWAVL228Z	6.84
1 x 35W	High frequency	Louvre	WAVL135Z	6.60	EBWAVL135Z	7.90
2 x 35W	High frequency	Louvre	WAVL235Z	6.92	EBWAVL235Z	8.22
1 x 28W	High frequency	Perforated diffuser	WAVP128Z	5.82	EMWAVP128Z	7.10
2 x 28W	High frequency	Perforated diffuser	WAVP228Z	6.04	EMWAVP228Z	7.34
1 x 35W	High frequency	Perforated diffuser	WAVP135Z	7.30	EBWAVP135Z	8.62
2 x 35W	High frequency	Perforated diffuser	WAVP235Z	7.55	EBWAVP235Z	8.85
Waveform T5 - with high output (HO) lamps						
1 x 54W	High frequency	Louvre	WAVL154Z	5.30	EMWAVL154Z	6.62
2 x 54W	High frequency	Louvre	WAVL254Z	5.54	EMWAVL254Z	6.84
1 x 49W	High frequency	Louvre	WAVL149Z	6.60	EBWAVL149Z	7.90
2 x 49W	High frequency	Louvre	WAVL249Z	6.92	EBWAVL249Z	8.22
1 x 54W	High frequency	Perforated diffuser	WAVP154Z	5.82	EMWAVP154Z	7.10
2 x 54W	High frequency	Perforated diffuser	WAVP254Z	6.04	EMWAVP254Z	7.34
1 x 49W	High frequency	Perforated diffuser	WAVP149Z	7.30	EBWAVP149Z	8.62
2 x 49W	High frequency	Perforated diffuser	WAVP249Z	7.55	EBWAVP249Z	8.55

Emergency versions available with automatic testing functionality - see page 188 for system features
 Contact our Technical Support and Application department for further details, telephone 01302 303350

Remote emergency battery pack



Waveform T5 with louvre attachment

WAVEFORM T5