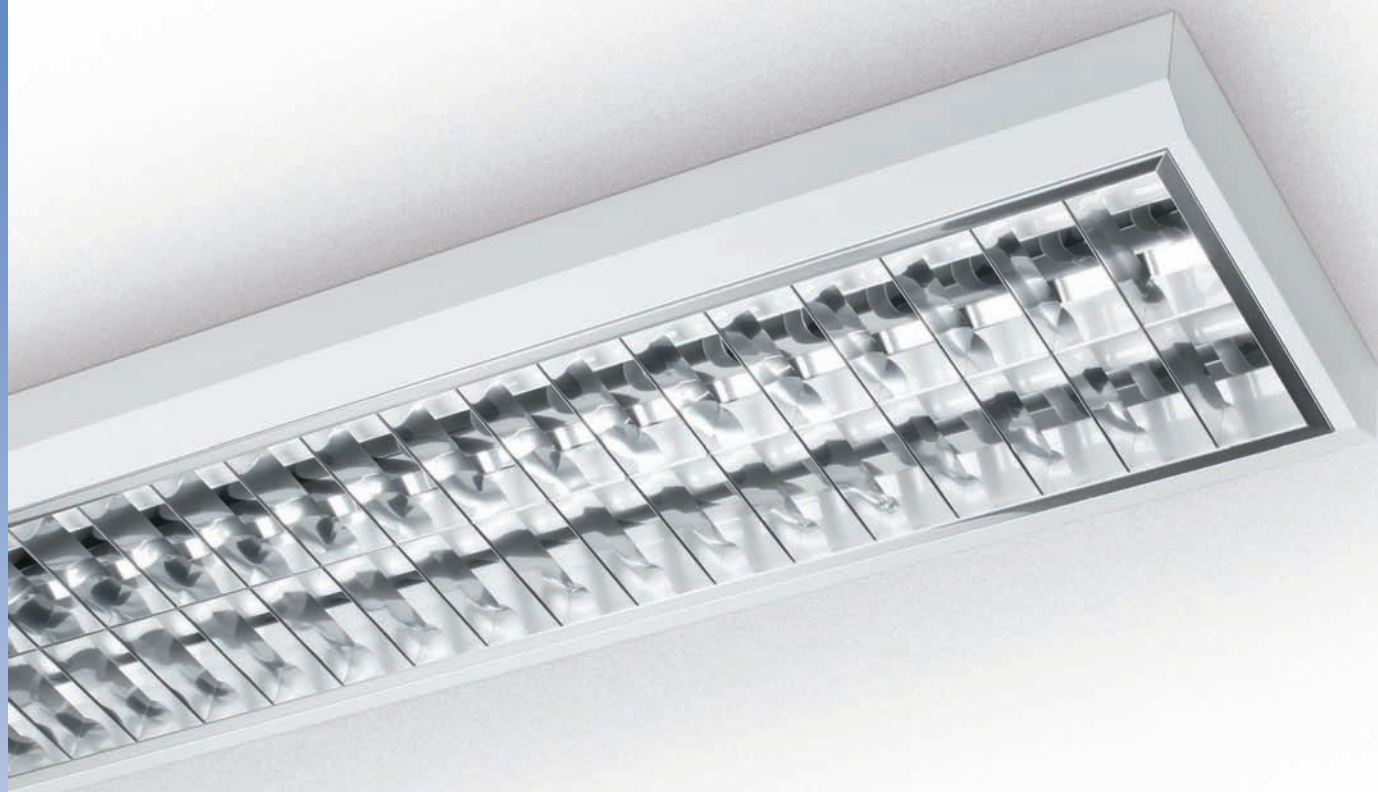


WAFER T8

- Attractive, shallow bevel-edged profile
- Suspended direct/indirect option
- Excellent optical performance
- Mirror and satin finish 65°-200cd/m² and general purpose louvres
- Positive wishbone spring louvre retention
- Intellect light & energy management options

Available for surface mounting or wire suspension, Wafer T8 has an attractive bevel-edged profile, lending it a slender appearance. Carefully designed, high reflectance louvres combined with high output triphosphor lamps yields efficient illumination. Intellect options improve energy efficiency still further and provides effective lighting management. Satin louvres are offered alongside the standard mirror finish, providing visual interest, whilst a balanced lighting effect is possible thanks to the suspended options, creating a softly illuminated ceiling in addition to efficient task lighting. Wafer T8 is therefore ideal for inclusion in designs for VDT office applications.



WHERE TO USE WAFER T8

- Offices
- VDT working areas
- Reception areas
- Conference rooms
- Universities, schools and colleges
- Retail
- Corridors





LAMP OPTIONS

- 36W, 58W, 70W T8 fluorescent, triphosphor 4000°K - G13 cap



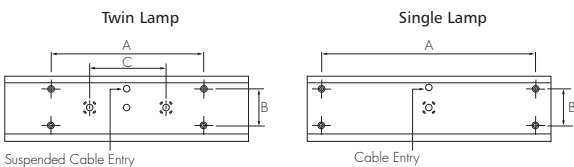
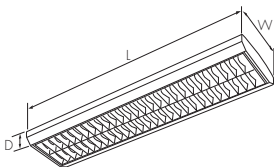
MATERIALS

- Body - sheet steel, powder coated in Permawhite finish
- Louvre - Xenoptic grade, satin or mirror finish, zero iridescence, anodised aluminium. General purpose louvre has ribbed cross blades

INSTALLATION NOTES

- Suitable for direct fix, or suspension via 2 x adjustable wire mounting kit (supplied with suspended version)
- BESA entries at 600mm fixing centres (twin lamp versions only) and central cable entry
- 3 way, 2 x 2.5mm² terminal block
- Fused as standard
- Suspension kit top plate secured to ceiling by single screw
- Suspension centres: 36W, 58W - 900mm, 70W - 1200mm
- Wires clip into body, via anti-displacement slots
- Height adjusted at yoke via simple clutch mechanism
- Louvres retained by wishbone springs for secure and optically accurate location. Hangs for hands free re-lamping
- Intellect versions require simple set-up. See page 21
- Supplied complete with lamps

DIMENSIONS



Lamp Rating	L (mm)	W (mm)	D (mm)	A	B	C
1 x 36W	1242	204	83	450	35	-
2 x 36W	1242	320	83	900	175	600
1 x 58W	1542	204	83	900	70	-
2 x 58W	1542	320	83	900	175	600
1 x 70W	1805	204	83	1200	70	-
2 x 70W	1805	320	83	1200	175	600

Suspended version has adjustable suspension height of 150mm - 1575mm

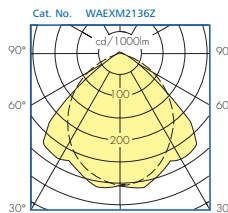
OPTIONS

- High frequency and switch start control gear as standard
- HF regulating and electronic starter switch versions on request
- Intellect technology detailed on page 21
- Fully integral emergency conversion, 3 hour duration
- Intellem self test emergency versions available
- Suitable for use on defined escape routes

SPECIFICATION

To specify state: High performance, bevel-edged profile, F marked surface/suspended luminaire, 83mm deep with 65°-200cd/m² or general purpose high reflectance, zero iridescence louvre retained by wishbone springs, suspended option with easy to operate clutch mechanism adjustment, as Crompton Wafer T8 range, part no. _____

PHOTOMETRIC DATA



LOR: 0.68
ULOR: 0.00
DLOR: 0.68
SHR nom: 1.75
SHR max: 1.77

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	-	55	59	62	65	68	69	71	73
30	-	51	55	58	62	65	67	69	71	-	-
10	-	48	52	55	60	63	65	68	70	-	-
50	50	20	-	54	57	60	63	65	67	69	70
30	-	50	54	57	61	63	65	67	69	-	-
10	-	48	52	55	59	61	63	66	67	-	-
30	50	20	-	52	56	58	61	63	65	66	67
30	-	50	53	56	59	62	63	65	66	-	-
10	-	47	51	54	58	60	62	64	65	-	-
0	0	0	-	46	49	52	55	58	59	61	62
BZ-class			-	1	1	1	1	1	1	1	1

See page 422 for Design Guide



Single lamp Wafer T8



Intellect Wafer T8

WAFER T8

CATALOGUE NUMBERS

Lamp Rating	Gear Option	Cat. No c/w 65°-200cd/m ² louvre	Cat. No c/w general purpose louvre	Weight (kg)	Emergency c/w 65°-200cd/m ² louvre	Emergency c/w general purpose louvre	Weight (kg)
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Surface Wafer T8 with Xenoptic mirror finish

1 x 36W	Switch start	WAEXM2136S	WAEXMR136S	4.68	EBWAEXM2136S	EBWAEXMR136S	5.84
2 x 36W	Switch start	WAEXM2236S	WAEXMR236S	5.40	EBWAEXM2236S	EBWAEXMR236S	6.90
1 x 58W	Switch start	WAEXM2158S	WAEXMR158S	5.62	EBWAEXM2158S	EBWAEXMR158S	6.99
2 x 58W	Switch start	WAEXM2258S	WAEXMR258S	6.66	EBWAEXM2258S	EBWAEXMR258S	7.93
1 x 70W	Switch start	WAEXM2170S	WAEXMR170S	6.55	EBWAEXM2170S	EBWAEXMR170S	8.08
2 x 70W	Switch start	WAEXM2270S	WAEXMR270S	7.90	EBWAEXM2270S	EBWAEXMR270S	10.40

1 x 36W	High frequency	WAEXM2136Z	WAEXMR136Z	4.36	EBWAEXM2136Z	EBWAEXMR136Z	5.61
2 x 36W	High frequency	WAEXM2236Z	WAEXMR236Z	4.95	EBWAEXM2236Z	EBWAEXMR236Z	7.05
1 x 58W	High frequency	WAEXM2158Z	WAEXMR158Z	5.50	EBWAEXM2158Z	EBWAEXMR158Z	6.90
2 x 58W	High frequency	WAEXM2258Z	WAEXMR258Z	5.80	EBWAEXM2258Z	EBWAEXMR258Z	7.93
1 x 70W	High frequency	WAEXM2170Z	WAEXMR170Z	5.95	EBWAEXM2170Z	EBWAEXMR170Z	7.20
2 x 70W	High frequency	WAEXM2270Z	WAEXMR270Z	6.45	EBWAEXM2270Z	EBWAEXMR270Z	8.82

Surface Wafer T8 with Xenoptic satin finish

1 x 36W	Switch start	WAEXS2136S	WAEXSR136S	4.68	EBWAEXS2136S	EBWAEXSR136S	5.84
2 x 36W	Switch start	WAEXS2236S	WAEXSR236S	5.40	EBWAEXS2236S	EBWAEXSR236S	6.90
1 x 58W	Switch start	WAEXS2158S	WAEXSR158S	5.62	EBWAEXS2158S	EBWAEXSR158S	6.99
2 x 58W	Switch start	WAEXS2258S	WAEXSR258S	6.66	EBWAEXS2258S	EBWAEXSR258S	7.95
1 x 70W	Switch start	WAEXS2170S	WAEXSR170S	6.55	EBWAEXS2170S	EBWAEXSR170S	8.08
2 x 70W	Switch start	WAEXS2270S	WAEXSR270S	7.90	EBWAEXS2270S	EBWAEXSR270S	10.40

1 x 36W	High frequency	WAEXS2136Z	WAEXSR136Z	4.36	EBWAEXS2136Z	EBWAEXSR136Z	5.61
2 x 36W	High frequency	WAEXS2236Z	WAEXSR236Z	4.95	EBWAEXS2236Z	EBWAEXSR236Z	7.05
1 x 58W	High frequency	WAEXS2158Z	WAEXSR158Z	5.50	EBWAEXS2158Z	EBWAEXSR158Z	6.90
2 x 58W	High frequency	WAEXS2258Z	WAEXSR258Z	5.80	EBWAEXS2258Z	EBWAEXSR258Z	7.95
1 x 70W	High frequency	WAEXS2170Z	WAEXSR170Z	5.95	EBWAEXS2170Z	EBWAEXSR170Z	7.20
2 x 70W	High frequency	WAEXS2270Z	WAEXSR270Z	6.45	EBWAEXS2270Z	EBWAEXSR270Z	8.82

Suspended Wafer T8 with Xenoptic mirror finish

2 x 36W	High frequency	WAESXM2236Z	WAESXMR236Z	4.95	EBWAESXM2236Z	EBWAESXMR236Z	7.05
2 x 58W	High frequency	WAESXM2258Z	WAESXMR258Z	5.80	EBWAESXM2258Z	EBWAESXMR258Z	7.93
2 x 70W	High frequency	WAESXM2270Z	WAESXMR270Z	6.45	EBWAESXM2270Z	EBWAESXMR270Z	8.82

Suspended Wafer T8 with Xenoptic satin finish

2 x 36W	High frequency	WAESXS2236Z	WAESXSR236Z	4.95	EBWAESXS2236Z	EBWAESXSR236Z	7.05
2 x 58W	High frequency	WAESXS2258Z	WAESXSR258Z	5.80	EBWAESXS2258Z	EBWAESXSR258Z	7.93
2 x 70W	High frequency	WAESXS2270Z	WAESXSR270Z	6.45	EBWAESXS2270Z	EBWAESXSR270Z	8.82

Cat. No c/w mirror
65°-200cd/m² louvre

Cat. No c/w satin
65°-200cd/m² louvre

Emergency c/w mirror
65°-200cd/m² louvre

Emergency c/w satin
65°-200cd/m² louvre

Intellect Digital

2 x 36W	HF regulating	ILDWAEXM2236R	ILDWAEXS2236R	8.03	EBILDVAEXM2236R	EBILDVAEXS2236R	9.23
2 x 58W	HF regulating	ILDWAEXM2258R	ILDWAEXS2258R	9.68	EBILDVAEXM2258R	EBILDVAEXS2258R	10.88

Intellect Regulator

2 x 36W	HF regulating	ILRWAEXM2236R	ILRWAEXS2236R	8.03	EBILRWAEXM2236R	EBILRWAEXS2236R	9.23
2 x 58W	HF regulating	ILRWAEXM2258R	ILRWAEXS2258R	9.68	EBILRWAEXM2258R	EBILRWAEXS2258R	10.88

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