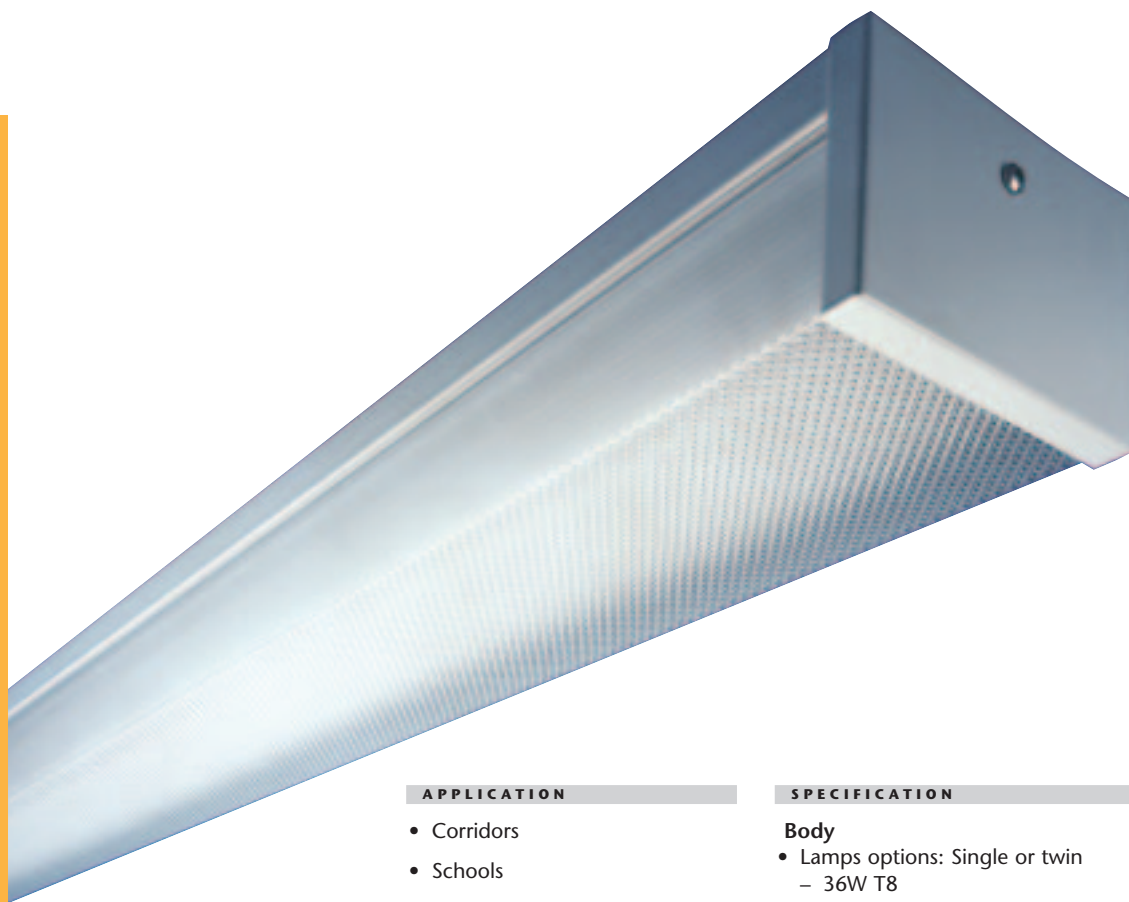


classic

Surface fluorescent: Surface T5 or T8 diffuser luminaire



APPLICATION

- Corridors
- Schools
- Universities and colleges

SPECIFICATION

Body

- Lamps options: Single or twin
 - 36W T8
 - 58W T8
 - 28W T5
 - 35W T5
 - 54W T5
- Fabricated steel construction
- White polyester powder paint finish
- Fully removable gear tray
- Fused jack plug connector
- IP40 construction when fully assembled
- BESA fixings to rear
- Fully integral emergency options
- High frequency control gear as standard
- Supplied less lamps

Diffuser

- Acrylic or polycarbonate diffusers (order separately)
- Retained along entire length by rolled body profile
- One fixed and one removable steel end cap

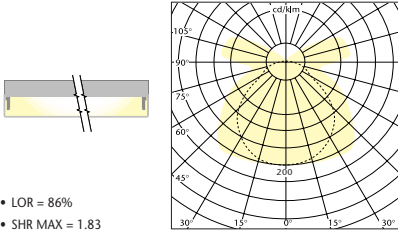
Options

-  Easytest – integral self test version available see page 181

PHOTOMETRY

Classic

SURFACE LUMINAIRE – ACRYLIC DIFFUSER
1 x 36W T8 Lamp



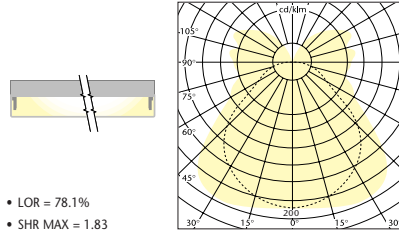
UTILISATION FACTORS UF(F)												
Room Reflectance Room Index												
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	SHR NOM=1.75
0.70	0.50	0.20	N/A	0.53	0.59	0.63	0.68	0.72	0.75	0.78	0.81	
0.50	0.30	0.20	N/A	0.44	0.49	0.53	0.58	0.62	0.64	0.68	0.71	
0.00	0.00	0.00	N/A	0.33	0.37	0.40	0.44	0.47	0.48	0.51	0.54	

CONVERSION TERMS

Lamp Length	1.2m	1.5m
Lamp wattage	36W	58W
UF and PC	1.0	1.01

Classic

SURFACE LUMINAIRE – ACRYLIC DIFFUSER
2 x 36W T8 Lamps



UTILISATION FACTORS UF(F)												
Room Reflectance Room Index												
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	SHR NOM=1.75
0.70	0.50	0.20	N/A	0.49	0.54	0.57	0.62	0.66	0.68	0.71	0.74	
0.50	0.30	0.20	N/A	0.41	0.45	0.48	0.53	0.56	0.58	0.62	0.65	
0.00	0.00	0.00	N/A	0.31	0.34	0.37	0.40	0.42	0.44	0.46	0.49	

CONVERSION TERMS

Lamp Length	1.2m	1.5m
Lamp wattage	36W	58W
UF and PC	1.0	1.01

LAMP PERFORMANCE MATRIX

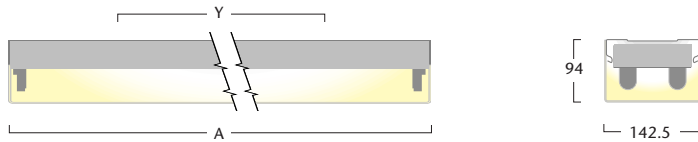
WATTAGE	IL@25°C	LAMP LIFE
1 x 28W T5	2600	20,000
1 x 35W T5	3300	20,000
1 x 54W T5	4450	20,000
1 x 36W T8	3350	15,000
1 x 58W T8	5200	15,000

CONVERSION FACTORS

ACRYLIC TO POLYCARBONATE

WATTAGE	FACTOR
1 x 36W T8	0.57
2 x 36W T8	0.60
1 x 35W T5	0.57
2 x 35W T5	0.60

DIMENSIONS AND WEIGHT



LAMP WAYS	LONGITUDINAL DIMENSIONS A	BESA FIXING DETAILS Y	WEIGHT KG
1 x 36W T8	1233	610	3.0
1 x 58W T8	1533		3.5
2 x 36W T8	1233		3.5
2 x 58W T8	1533		4.0
1 x 28W T5	1233		3.0
1 x 35W T5	1533		3.5
1 x 54W T5	1233		3.0
2 x 28W T5	1233		3.0
2 x 35W T5	1533		3.5
2 x 54W T5	1233		3.0

ORDER CODES – CLASSIC

SURFACE FLUORESCENT DIFFUSER LUMINAIRE

SUPPLIED LESS LAMPS	HIGH FREQUENCY BODY	POLYCARBONATE DIFFUSER	ACRYLIC DIFFUSER
1 x 36W T8	CLAH136BD	AP4	AC4
1 x 58W T8	CLAH158BD	AP5	AC5
2 x 36W T8	CLAH236BD	AP4	AC4
2 x 58W T8	CLAH258BD	AP5	AC5
1 x 28W T5	CLAH128BD	AP4	AC4
1 x 35W T5	CLAH135BD	AP5	AC5
1 x 54W T5	CLAH154BD	AP4	AC4
2 x 28W T5	CLAH228BD	AP4	AC4
2 x 35W T5	CLAH235BD	AP5	AC5
2 x 54W T5	CLAH254BD	AP4	AC4

ANALOGUE DIMMING Substitute **R** for **H** in body code

R High frequency analogue dimming gear, i.e. **CLAR154BD**

EMERGENCY Add suffix to body codes above

EMIN 3 hour integral emergency, i.e. **CLAH136EMINBD**

EASYTEST OPTION Add suffix to body codes above

/ET Integral self autotest, i.e. **CLAH136BD/ET**

Note: Complete luminaire consists of body and separate diffuser

To specify state:

Surface mounted IP40, steel bodied, fluorescent luminaire with polycarbonate/acrylic refractor retained along full length by rolled body profile. One fixed and one removable end cap. Fully removable gear tray with jack plug connector – as Whitecroft Lighting CLASSIC

QuickLink

CLAS

Go