

serve

Industrial: Fluorescent low bay luminaire



APPLICATION

- Warehouses
- Factories
- Distribution centres
- Sports halls
- Tennis centres

SPECIFICATION

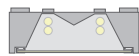
- Lamp option:
 - 4 x 55W TC-L
 - 4 x 54W T5
- Reflector: Symmetric or Asymmetric
- IP20 protection
- Body: Heavy gauge fabricated steel construction
- Finish: White epoxy polyester paint
- Surface mount or suspended
- Screw on front with wireguard standard
- Twin circuits for 50% switching
- High frequency or high frequency dimming control gear as standard
- Integral emergency option
- Fused terminal block
- Supplied without lamps

Options

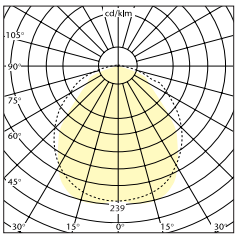
- High frequency dimming gear
-  Easytest – integral self test version available see page 181

PHOTOMETRY

Serve
SYMMETRIC
4 x 55W TC-L Lamps



- LOR = 59.2%
- SHR MAX = 1.55

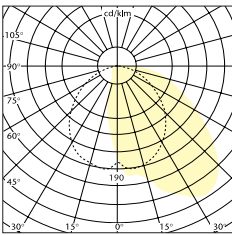


UTILISATION FACTORS UF(F)												
Room Reflectance Room Index												
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.40	0.45	0.49	0.52	0.55	0.58	0.59	0.62	0.63	
0.50	0.30	0.20	0.37	0.40	0.44	0.47	0.51	0.54	0.55	0.58	0.59	
0.00	0.00	0.00	0.32	0.36	0.40	0.42	0.46	0.48	0.50	0.52	0.53	

Serve
ASYMMETRIC
4 x 55W TC-L Lamps



- LOR = 47.7%
- SHR MAX = 1.68



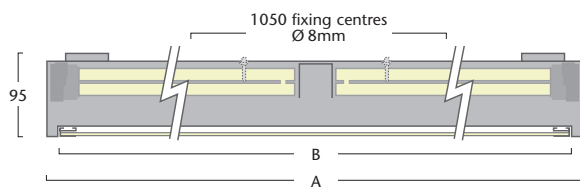
UTILISATION FACTORS UF(F)												
Room Reflectance Room Index												
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.30	0.35	0.39	0.42	0.45	0.48	0.50	0.52	0.54	
0.50	0.30	0.20	0.26	0.30	0.34	0.37	0.41	0.44	0.46	0.48	0.50	
0.00	0.00	0.00	0.22	0.25	0.29	0.32	0.36	0.38	0.40	0.43	0.44	

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 55W TC-L	4800	10,000
1 x 54W T5	4450	20,000

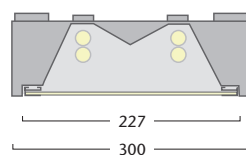
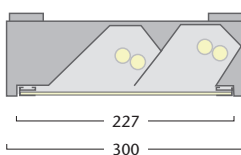


DIMENSIONS AND WEIGHT				
	A	B	WEIGHT KG	AMBIENT TEMP
4 x 55W TC-L	1150	1077	12.5	+5°C to +35°C
4 x 54W T5	1200	1127	13.0	+5°C to +35°C



Asymmetric

Symmetric



ORDER CODES – SERVE

FLUORESCENT LOW BAY LUMINAIRE

SUPPLIED LESS LAMPS	HIGH FREQUENCY	REFLECTOR
4 x 55W TC-L	SLB455HSWG	Symmetric
	SLB455HAWG	Asymmetric
4 x 54W T5	SLB454HSWG	Symmetric
	SLB454HAWG	Asymmetric

ANALOGUE DIMMING Replace H with **R** in part code

R High frequency analogue dimming gear, i.e. **SLB455RSWG**

EMERGENCY Add suffix to order codes above

EMIN 3 hour maintained integral emergency, i.e. **SLB455HSWGEMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. **SLB455HSWG/ET**

To specify state:

Surface/suspended 4 x 55W TC-L / 4 x 54W T5 fluorescent low bay luminaire with rigid steel body and screw fix wireguard access door. Switchable lamps for lower light levels with symmetric/asymmetric reflector – as Whitecroft Lighting SERVE