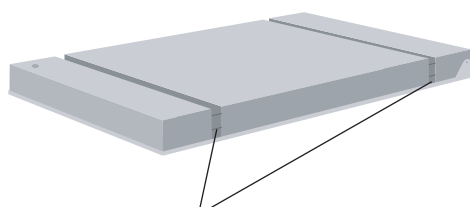


serve 6

Industrial: High output sports hall luminaire

Serve 6 meets the demand for increased output from sports hall luminaires thereby minimising the number of installed points. With a resilient punched cover and lockable lamp holders Serve 6 is strong enough to withstand impact from the hardest hit balls. The luminaire meets CIBSE LG4 sports hall lighting recommendations.



Thermal Bridge minimises heat transfer from lamp compartment and prolongs control gear life.



APPLICATION

- Sports Halls
- Warehouses
- Factories
- Retail
- Exhibition Centres

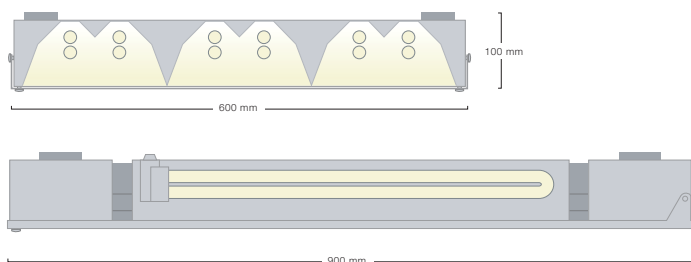
SPECIFICATION

- Lamp options:
6 x 55W TC-L
- Resilient steel body painted white
- High frequency gear housed in separate side pods, with a thermal bridge from the lamp housing, enables operation at an ambient temperature of 35°C
- Separately switched, inner pair, and outer four, to provide three different lighting levels
- Punched steel cover prevents damage from projectiles and is designed to stop shuttlecocks becoming trapped. Cover is hinged, opening fully for complete access to gear and lamps from below
- Lockable lamp holders and clipsprings ensure lamps remain in place after impact by a ball
- Specular MIRO 4 reflectors
- LOR of 69% enables minimisation of installed points
- Suitable for surface, suspended or trunking mounting
- IP20 ingress protection
- Integral 3 hour emergency version available
- Lamps to be ordered separately

Options

-  Easytest - Integral self test emergency
- COMET - Centralised addressable emergency test system
- Dimming gear, analogue DSI or DALI on request

DIMENSIONS



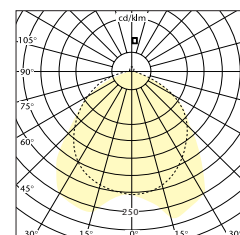
LAMP PERFORMANCE MATRIX

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

PHOTOMETRY

SERVE 6

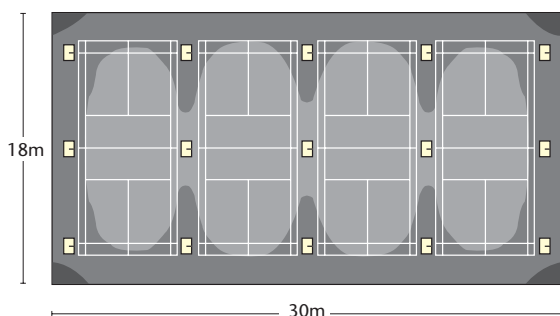
1 x 55W TC-L Lamp



UTILISATION FACTORS UF(F)										SHR NOM 1.50	
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	0.39	0.46	0.52	0.55	0.60	0.64	0.66	0.69	0.71
0.50	0.30	0.20	0.33	0.40	0.46	0.49	0.55	0.58	0.61	0.64	0.66
0.00	0.00	0.00	0.28	0.35	0.39	0.43	0.48	0.52	0.54	0.57	0.59

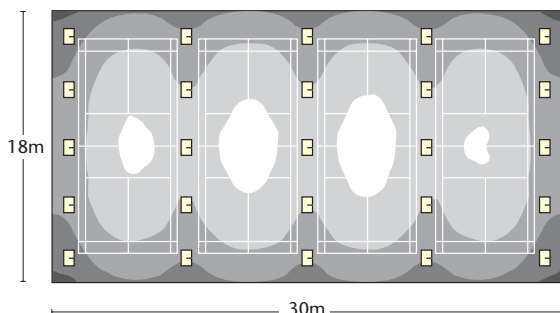
LIGHTING PLOTS

15 Luminaire configuration - Serve 6

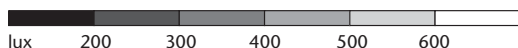


Average Illuminance: 300 lux Mounting Height: 7.6m

25 Luminaire configuration - Serve 6



Average Illuminance: 500 lux Mounting Height: 7.6m



ORDER CODES - SERVE 6

HIGH OUTPUT SPORTS HALL LUMINAIRE

SUPPLIED LESS LAMP

6 x 55W TC-L

HIGH FREQUENCY

SLBH655G

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. SLBH655G**EMIN**

EASYTEST OPTION Add suffix to luminaire order codes above

/ET Easytest self test emergency i.e. SLBH655G**/ET**

Dimming Replace **H** with

R Analogue regulating i.e. SLBR655G

To specify state:

6x55W TC-L separately switched fluorescent sports hall luminaire with steel body, hinged steel cover with punched grid, MIRO 4 reflectors, and lockable lamp holders, with high frequency gear housed in separate pods enabling operation in ambient temperatures up to 35°C - as per Whitecroft SERVE 6.



Lighting for Life

Whitecroft Lighting Ltd

Burlington Street, Ashton-under-Lyne
Lancashire OL7 0AX United Kingdom

Tel: +44 (0)870 5 087 087 Fax: +44 (0)870 5 084 210
email@whitecroftlighting.com www.whitecroftlighting.com