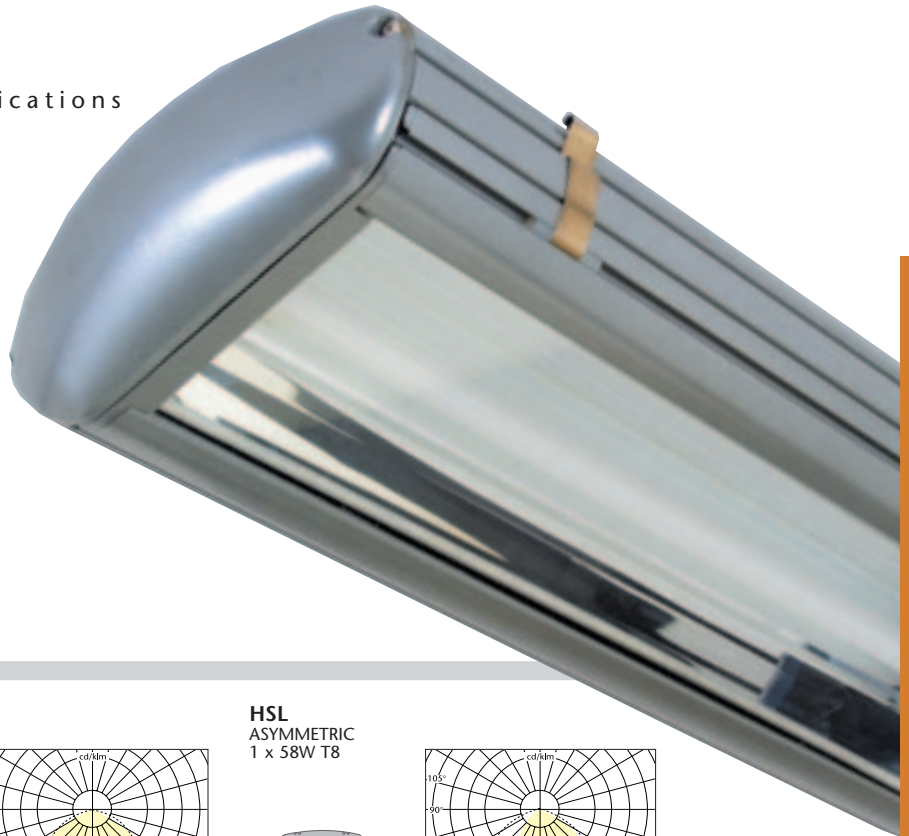


HSL

Industrial: High speed rail applications



APPLICATION

- High speed rail tunnels
- Overground rail stations
- Underground rail stations

SPECIFICATION

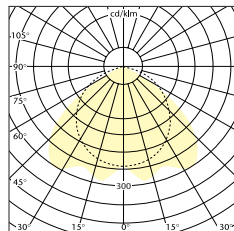
- Designed to withstand vacuum effect of passing high speed trains
- Robust one piece aluminium body with die-cast end caps
- Hinged front frame for easy maintenance
- Symmetric or asymmetric versions available
- IP65 rated
- Toughened glass as standard
- Polycarbonate diffuser option
- Finished in Silver RAL9007
- Ceiling or suspended mounting as standard
- High frequency control gear mounted on a removable gear tray
- Class 1 insulation

PHOTOMETRY

HSL
SYMMETRIC
1 x 58W T8



- SHR MAX= 1.95
- LOR = 78.1%

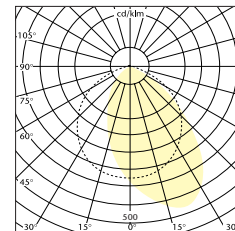


UTILISATION FACTORS UF(F)		SHR NOM=1.75										
Room Reflectance	Room Index	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	N/A	0.60	0.65	0.69	0.74	0.77	0.79	0.82	0.85	
0.50	0.30	0.20	N/A	0.54	0.59	0.63	0.68	0.71	0.74	0.78	0.80	
0.00	0.00	0.00	N/A	0.48	0.53	0.57	0.62	0.65	0.67	0.69	0.73	

HSL
ASYMMETRIC
1 x 58W T8

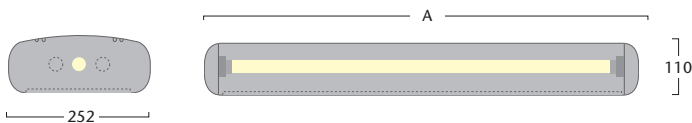


- SHR MAX= 1.49
- LOR = 76.7%



UTILISATION FACTORS UF(F)		SHR NOM=1.25										
Room Reflectance	Room Index	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
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	0.50	0.58	0.63	0.67	0.72	0.75	0.77	0.80	0.82	
0.50	0.30	0.20	0.44	0.52	0.57	0.61	0.66	0.70	0.72	0.75	0.77	
0.00	0.00	0.00	0.39	0.47	0.52	0.55	0.60	0.63	0.65	0.68	0.70	

DIMENSIONS AND WEIGHT



LAMP WAYS	LENGTH		WEIGHT (KG)	
	A	PC	Glass	
1 x 24W TC-L	350	5.0	6.5	
1 x 36W TC-L	550	7.0	8.5	
1 x 55W TC-L	550	7.0	8.5	
1 x 80W TC-L	580	8.0	9.5	
1 x 18W T8	734	9.0	10.5	
1 x 36W T8	1344	14.0	15.5	
1 x 58W T8	1644	17.0	18.5	

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 24W TC-L	1800	10,000
1 x 36W TC-L	2900	10,000
1 x 55W TC-L	4800	10,000
1 x 80W TC-L	6000	10,000
1 x 18W T8	1350	15,000
1 x 36W T8	3350	15,000
1 x 58W T8	5200	15,000

ORDER CODES - HSL

HIGH SPEED RAIL LIGHTING

LAMP SUPPLIED	DISTRIBUTION	LUMINAIRE
1 x 24W TC-L	Symmetrical	HSL/2835/SYM/PLL/24
1 x 36W TC-L	Symmetrical	HSL/2835/SYM/PLL/36
1 x 55W TC-L	Symmetrical	HSL/2835/SYM/PLL/55
1 x 80W TC-L	Symmetrical	HSL/2835/SYM/PLL/80
1 x 18W T8	Symmetrical	HSL/2835/SYM/118
1 x 36W T8	Symmetrical	HSL/2835/SYM/136
1 x 58W T8	Symmetrical	HSL/2835/SYM/158
2 x 58W T8	Symmetrical	HSL/2835/SYM/258

ASYMMETRIC Replace SYM with ASY in order code above

ASY Asymmetric version, i.e. HSL/2835/ASY/PLL/23

To specify state:

LUL approved, cast aluminium compact fluorescent luminaire with hinged stainless steel bezel and glazed with toughened safety glass, 40 years design life and rated IP65 – as Whitecroft Lighting JLE ESCALATOR

QuickLink

HSL

Go