



aerial

suspended T5 high bay luminaire

Optics

- Lamp options:
 - 4 or 6 x 49/80W T5
- Combination of specular and semi-specular reflectors for high efficiency and controlled contrast
- Uplighting element
- Suitable for mounting heights between 4m & 8m

Body

- Steel body finished white
- 4 suspension points for wire or chain suspension (by others)
- Optional suspension kit with up to 3m drop
- On high frequency versions, lamps are separately switched to allow varying light levels



ORDER CODES

Aerial	HF Gear	3 hr Emergency
T5 4 x 49W	AERH449	AERH449EMIN
T5 6 x 49W	AERH649	AERH649EMIN
T5 4 x 80W	AERH480	AERH480EMIN
T5 6 x 80W	AERH680	AERH680EMIN

Options

DALI DIMMING	Replace H with Y in order code	i.e. AERY449
DSI DIMMING	Replace H with D in order code	i.e. AERD449
EASYTEST	Add suffix /ET to order code	i.e. AERH449/ET
COMET	Add suffix /CT to order code	i.e. AERH449/CT
WIRE SUSPENSION KIT	Up to 3m drop	AERSK1

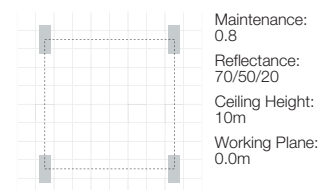


LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 49W T5	4300	24,000hrs
1 x 80W T5	6150	24,000hrs

PERFORMANCE GUIDE

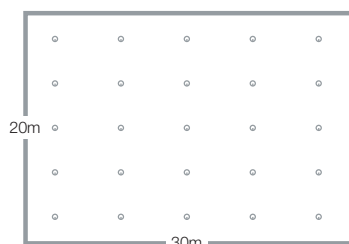
Lamps	Illuminance	Spacing
6 x 80W T5	520 lux	7.0m x 7.0m



HIBAY VS AERIAL PERFORMANCE GUIDE

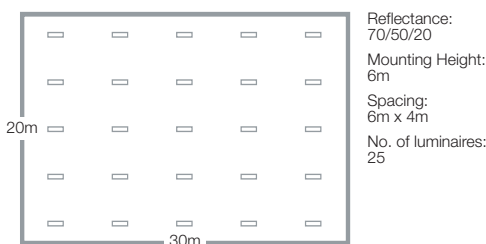
Hibay Sample Plot

Lamps	Illuminance (Initial)	Illuminance (after 15,000 hrs)
400W HQI	1290 lux	890 lux



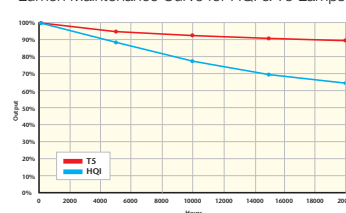
Aerial Sample Plot

Lamps	Illuminance (Initial)	Illuminance (after 15,000 hrs)
6 x 80W T5	1240 lux	1116 lux



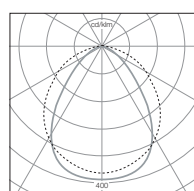
HQI vs T5 LUMEN MAINTENANCE

Lumen Maintenance Curve for HQI & T5 Lamps



HQI and T5 Lumen Maintenance
T5 fluorescent lamp has superior performance over life when compared with HID lamp types.

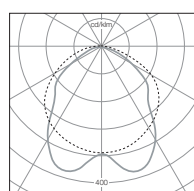
PHOTOMETRIC PERFORMANCE



- LOR = 80.5%
- SHR MAX = 1.44

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.61	0.81	0.86

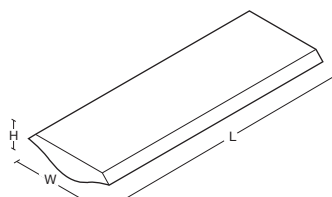


- LOR = 85.2%
- SHR MAX = 1.61

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.56	0.82	0.89

DIMENSIONS



Version	L	W	H	KG	KG
6 Lamp	1478	450	118	9.5	10.5
4 Lamp	1472	356	100	6.0	7.0

TO SPECIFY

Suspended fluorescent high output with 4 or 6 x 49/80W T5 lamps, high reflectivity aluminium optic to control glare & optimise horizontal & vertical illuminance. 4 suspension points for wire or chain suspension – as Whitecroft Lighting AERIAL

