



Onions

Potatoes

Dairy

£4.99

78p

78p

78p

98p

98p

98p

£1.98

TESCO
EXTRA LARGE
PUMPKIN EACH

Milk

Bananas

Organic

Oranges

Lemons

£3.99

£3.99



aerial 254



hibay 257



serve 258



harrier 261



trimpak 262



trimpak attachments 264



ACF duralite 266



ACFDN 269



strike 270



enterprise 271





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

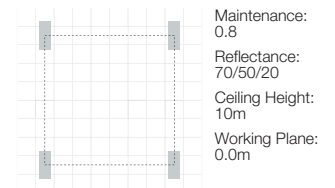


LAMP PERFORMANCE

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

PERFORMANCE GUIDE

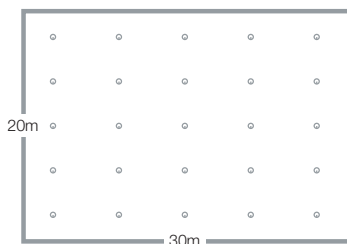
Lamps	Illuminance	Spacing
6 x 80W T5	520 lux	7.0m x 7.0m



HIBAY VS AERIAL PERFORMANCE GUIDE

Hibay Sample Plot

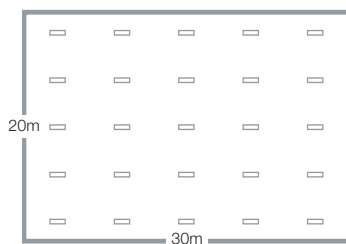
Lamps	Illuminance (Initial)	Illuminance (after 15,000 hrs)
400W HQI	1290 lux	890 lux



Reflectance:
70/50/20
Mounting Height:
6m
Spacing:
6m x 4m
No. of luminaires:
25

Aerial Sample Plot

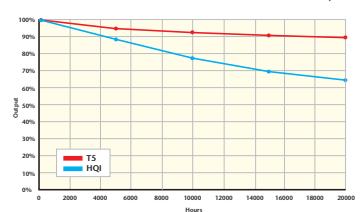
Lamps	Illuminance (Initial)	Illuminance (after 15,000 hrs)
6 x 80W T5	1240 lux	1116 lux



Reflectance:
70/50/20
Mounting Height:
6m
Spacing:
6m x 4m
No. of luminaires:
25

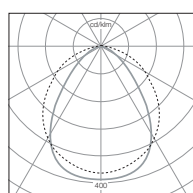
HQI vs T5 LUMEN MAINTENANCE

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.

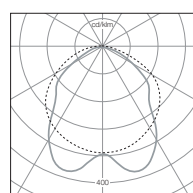
PHOTOMETRIC PERFORMANCE



6 x 80W T5
• LOR = 80.5%
• SHR MAX = 1.44

Utilisation Factors UF(F)

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

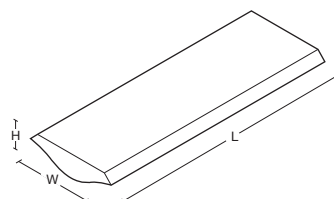


4 x 80W T5
• LOR = 85.2%
• SHR MAX = 1.61

Utilisation Factors UF(F)

Room Reflectance	Room Index	
C	W	F
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

hibay

IP22 industrial high bay luminaire

> weblink > **HIB**

Optics

- Lamp options:
 - 250/400W HQI-E
- High purity spun anodised aluminium reflector

Body

- Designed for 6-12m mounting heights
- Rigid pre-coated high gloss polyester silver steel gear housing with easy gear access via detachable panel
- Timed ignitor
- Ambient operating temperature range -20°C to +25°C
- Auxiliary lamp versions available, using 250W Tungsten Halogen Lamp



ORDER CODES

Hibay	Gear Unit	Auxiliary Version	Reflector
HQI-E 250W	BA250H	BA250HX	HBSR
HQI-E 400W	BA400H	BA400HX	HBSR

Options

Toughened clear glass visor complete with fixing kit for use with open fixture HQI lamps

BAGL

Protective wire guard complete with fixing kit

BAWG

Clear polycarbonate dished diffuser for 250W options with fixing kit

BAPD1

Clear polycarbonate dished diffuser for 400W options with fixing kit

BAPD4

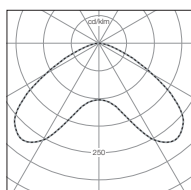
Note: Polycarbonate diffuser life can be extended by installing in conjunction with toughened glass to reduce the degrading effects of lamp emissions.

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
250W HQI-E*	23800	20,000hrs
400W HQI-E*	40000	20,000hrs

*If an open fixture lamp is not selected, glass visor BAGL should be fitted to ensure safety in the event of non-quiescent lamp failure

PHOTOMETRIC PERFORMANCE



250W HQI-E

- LOR = 85.5%
- SHR MAX = 1.03

Utilisation Factors UF(F)

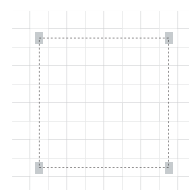
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.54	0.82	0.89



Hibay with wire guard

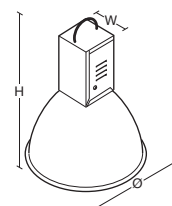
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
1 x 250W HQI	320 lux	7.0m x 7.0m



Maintenance: 0.8
 Reflectance: 70/50/20
 Ceiling Height: 10m
 Working Plane: 0.0m

DIMENSIONS



Version	Ø	W	H	KG
250W HQI-E	485	195	520	7.8
400W HQI-E	485	195	520	9.5

TO SPECIFY

IP22 250W and 400W HQI-E High bay luminaire with pre-coated high gloss polyester silver steel gear housing and timed ignitor with detachable panel for ease of maintenance. High brightness anodised spun aluminium reflector – as Whitecroft Lighting HIBAY





serve

high output sports hall luminaire

Optics

- Lamp options:
 - 4 or 6 x 55W TC-L
- Specular MIRO 4 reflectors
- Separately switched inner and outer lamps to provide three different lighting levels on the 6 lamp high frequency luminaire and two levels for the 4 lamp

Body

- Resilient steel body finished white
- High frequency gear housed in separate side pods, with a thermal barrier from the lamp housing, enables operation at an ambient temperature up to 35°C
- Punched steel cover guard 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
- Suitable for surface, suspended or trunking mounting



ORDER CODES

Serve	HF Gear	3 hr Emergency
TC-L 4 x 55W	SLBH455G	SLBH455GEMIN
TC-L 6 x 55W	SLBH655G	SLBH655GEMIN

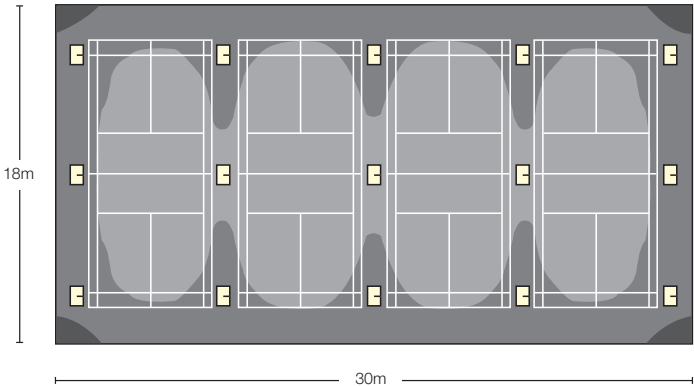
Options

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DSI DIMMING	Replace H with D in order code	i.e. SLBD455G
EASYTEST	Add suffix /ET to order code	i.e. SLBH455G/ET
COMET	Add suffix /CT to order code	i.e. SLBH455G/CT



PERFORMANCE GUIDE

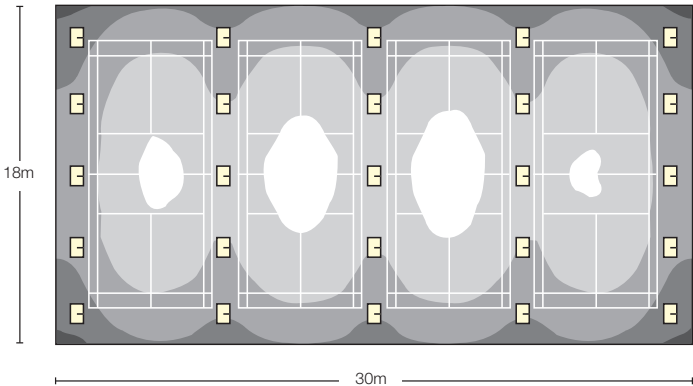
15 Luminaire configuration – Serve 6 x 55W



Average Illuminance: 300 lux

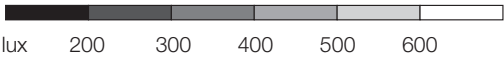
Mounting Height: 7.6m

25 Luminaire configuration - Serve 6 x 55W

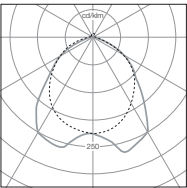


Average Illuminance: 500 lux

Mounting Height: 7.6m



PHOTOMETRIC PERFORMANCE



- 6 x 55W TC-L
- LOR = 68.5%
- SHR MAX = 1.71

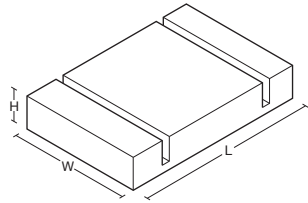
Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.46	0.66	0.71

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 55W TC-L	4800	20,000hrs

DIMENSIONS



Version	L	W	H	KG	KG
4/6 Lamp	900	600	100	13.1	14.1

TO SPECIFY

4 or 6 x 55W TC-L separately switched fluorescent sports hall luminaire with steel body, hinged steel cover guard 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 Whitecroft Lighting SERVE

harrier

industrial low bay luminaire

> weblink > HRM

Optics

- Lamps options:
 - 250W and 400W metal halide HQI-T

Body

- Rigid white enamelled sheet steel
- Reflectors:
 - Faceted and patterned high purity aluminium
 - Plus, general open area MH 4m-12m
 - Ultra, general open area MH 12m-20m
 - Rack, Narrow aisles & high racking
- Surface, conduit, trunking or chain mounting
- Auxiliary lamp versions available using 250W Tungsten Halogen Lamp
- Range of attachments



ORDER CODES

Harrier (Standard)	Plus	Ultra	Rack
250W	HA250HW	HA250HM	HA250HR
400W	HA400HW	HA400HM	HA400HR
Harrier (Auxiliary)	Plus	Ultra	Rack
250W	HA250HWX	HA250HMX	HA250HRX
400W	HA400HWX	HA400HMX	HA400HRX

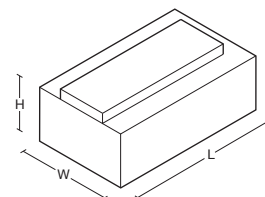
Options

Flat toughened glass diffuser with fixings To be used with open fixture HQI lamps	HAGL
Protective wire guard complete with fixing kit	HAWG
Louvre	HALV
Hinged mounting spine Recommended for non-chain suspension installations	HAHMS
Chain suspension V clip	HACSV
Clear polycarbonate dished diffuser for 250W options with fixing kit	HAPD250
Clear polycarbonate dished diffuser for 400W options with fixing kit	HAPD400

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
250W HQI-T	23000	15,000hrs
400W HQI-T	40000	20,000hrs

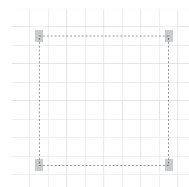
DIMENSIONS



Version	L	W	H	KG
250W	600	360	250	11.9
400W	600	360	250	12.5

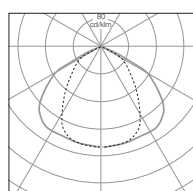
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
1 x 250W HQI Harrier Plus	270 lux	7.0m x 7.0m

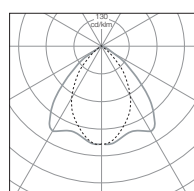


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
10m
Working Plane:
0.0m

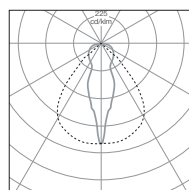
PHOTOMETRIC PERFORMANCE



HQI-T
Harrier Plus
1 x 250W
• LOR = 79%
• SHR MAX = 1.59



HQI-T
Harrier Ultra
1 x 250W
• LOR = 75%
• SHR MAX = 1.42



HQI-T
Harrier Rack
1 x 250W
• LOR = 81%
• SHR MAX = 0.62

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.59	0.83	0.89

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.62	0.82	0.87

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	0.84	0.90

TO SPECIFY

Rigid steel box luminaire for HQI-T lamp.
Quick fit plug and socket connection
and hinged mounting plate for easy
installation and maintenance.
Plus/Ultra/Rack reflector – as Whitecroft
Lighting HARRIER



trimpak

T5 and T8 fluorescent battens

> weblink > TP

Optics

- Lamp options:
 - 1 or 2 x 28/35/49/54/80W T5
 - 1 or 2 x 36/58/70W T8

Body

- Steel batten finished white
- BESA fixings on body section
- Range of attachments available:
 - Polycarbonate or acrylic diffusers
 - Symmetric, asymmetric or high rack reflectors
 - Wire guard (for use with symmetric reflector)



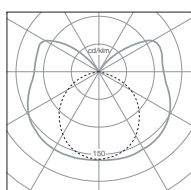
ORDER CODES

Trimpak	HF Gear	3 hr Emergency
T5 1 x 28W	TPH128	TPH128EM
T5 1 x 35W	TPH135	TPH135EM
T5 1 x 49W	TPH149	TPH149EM
T5 1 x 54W	TPH154	TPH154EM
T5 1 x 80W	TPH180	TPH180EM
T5 2 x 28W	TPH228	TPH228EM
T5 2 x 54W	TPH254	TPH254EM
T5 2 x 35W	TPH235	TPH235EM
T5 2 x 49W	TPH249	TPH249EM
T5 2 x 80W	TPH280	TPH280EM
T8 1 x 36W	TPH136	TPH136EM
T8 1 x 58W	TPH158	TPH158EM
T8 1 x 70W	TPH170	TPH170EM
T8 2 x 36W	TPH236	TPH236EM
T8 2 x 58W	TPH258	TPH258EM
T8 2 x 70W	TPH270	TPH270EM

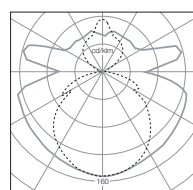
Options

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DSI DIMMING	Replace H with D in order code	i.e. TPD128
SWITCH DIMMING	Replace H with X in order code	i.e. TPX128
EASYTEST	Add suffix /ET to order code	i.e. TPH128/ET
COMET	Add suffix /CT to order code	i.e. TPH128/CT

PHOTOMETRIC PERFORMANCE



- 1 x 35W T5
- LOR = 96%
- SHR MAX = 1.85



- 2 x 35W T5
- LOR = 94%
- SHR MAX = 1.75

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.53	0.78	0.86

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.49	0.75	0.82

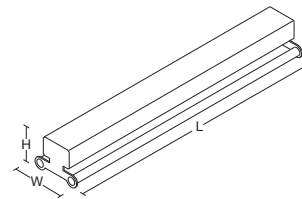


Single lamp option

LAMP PERFORMANCE

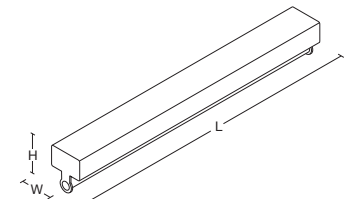
Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 35W T5	3300	24,000hrs
1 x 49W T5	4300	24,000hrs
1 x 54W T5	4450	24,000hrs
1 x 80W T5	6150	24,000hrs
1 x 36W T8	3350	19,000hrs
1 x 58W T8	5200	19,000hrs
1 x 70W T8	6200	19,000hrs

DIMENSIONS



Version	L	W	H	KG	KG
28/54W	1221	101	87	2.3	3.3
35/49/80W	1524	101	87	3.0	4.0
36W	1221	102	79	2.3	3.3
58W	1524	102	79	3.0	4.0
70W	1786	102	79	3.2	4.2

BESA fixing centres at 600mm on all products

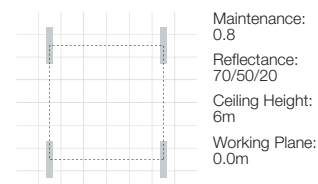


Version	L	W	H	KG	KG
28/54W	1221	58	88	2.2	3.2
35/49/80W	1524	58	88	2.3	3.3
36W	1221	58	79	2.2	3.2
58W	1524	58	79	2.3	3.3
70W	1786	58	79	2.7	3.7

BESA fixing centres at 600mm on all products

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 28W T5	320 lux	3.0m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 6m
Working Plane: 0.0m

TO SPECIFY

Fluorescent batten with rigid section body and clip on cover. Twist locking lamp holders for quick and easy installation – as Whitecroft Lighting TRIMPAK

attachments trimpak – reflectors

T5 and T8 fluorescent batten attachments

> weblink > TP

Symmetric

- Provides even downward light over a wide area
- Slots provide a degree of up-lighting and ventilation
- Wire guard available for protection
- Reflectors – sheet steel, enamelled with white high reflective paint

Asymmetric

- Provides directional lighting on vertical surfaces
- Reflectors – sheet steel, enamelled with white high reflective paint

Hi-Rack

- Highly polished aluminium
- Very narrow beam below batten for excellent floor and rack face illumination

All reflectors fit single & twin lamp battens



Symmetric



Asymmetric



Hi-Rack



Wire guard

ORDER CODES

Symmetric Reflector

1 or 2 x 28/36/54W	TPR4
1 or 2 x 35/49/58/80W	TPR5
1 or 2 x 70W	TPR6

Wire Guard*

1 or 2 x 28/36/54W	TPWG4
1 or 2 x 35/49/58/80W	TPWG5
1 or 2 x 70W	TPWG6

*For use with symmetric reflector TPR4/TPR5/TPR6

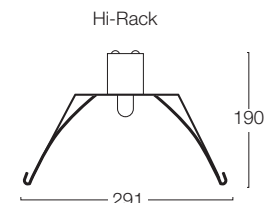
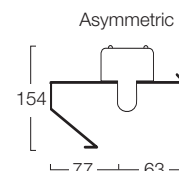
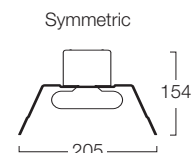
Asymmetric Reflector

1 or 2 x 28/36/54W	TPZ4
1 or 2 x 35/49/58/80W	TPZ5
1 or 2 x 70W	TPZ6

Hi-Rack Reflector

1 or 2 x 28/36/54W	TPH4
1 or 2 x 35/49/58/80W	TPH5
1 or 2 x 70W	TPH6

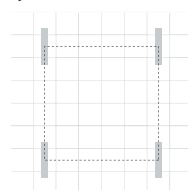
DIMENSIONS



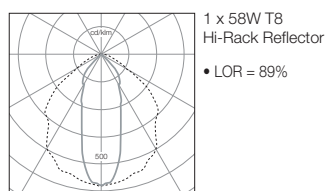
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 28W T5	360 lux	3.0m x 3.0m

Symmetric reflector	Maintenance: 0.8
	Reflectance: 70/50/20
	Ceiling Height: 6m
	Working Plane: 0.8m

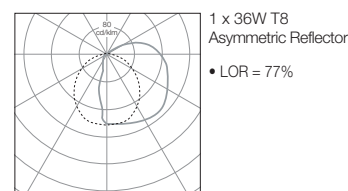


PHOTOMETRIC PERFORMANCE



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	0.84	0.90



Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.58	0.77	0.82

attachments trimpak – prismatic diffusers

T5 and T8 fluorescent batten attachments

> weblink > TP

- Polycarbonate diffuser, complete with end caps – TP(a) fire retardant prismatic
- Acrylic diffuser, complete with end caps – reeded sides and prismatic base
- Narrow diffuser – single lamp Trimpak
- Wide diffuser – single or twin lamp Trimpak

ORDER CODES

Polycarbonate Prismatic

1 x 28/36/54W	TPCSP4
1 x 35/49/58/80W	TPCSP5
1 x 70W	TPCSP6
1 or 2 x 28/36/54W	TPCTP4
1 or 2 x 35/49/58/80W	TPCTP5
1 or 2 x 70W	TPCTP6

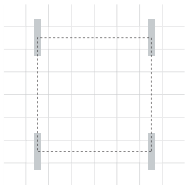
Acrylic Prismatic

1 x 28/36/54W	TPCSA4
1 x 35/49/58/80W	TPCSA5
1 x 70W	TPCSA6
1 or 2 x 28/36/54W	TPCTA4
1 or 2 x 35/49/58/80W	TPCTA5
1 or 2 x 70W	TPCTA6

PERFORMANCE GUIDE

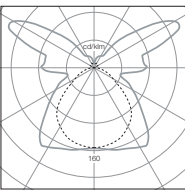
Lamps	Illuminance	Spacing
2 x 28W T5	350 lux	3.0m x 3.0m

Acrylic diffuser



Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
6m
Working Plane:
0.0m

PHOTOMETRIC PERFORMANCE



1 x 35W T5
Acrylic Diffuser
• LOR = 90%

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.57	0.83	0.91



Wide diffuser

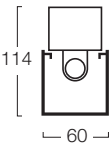


Narrow diffuser

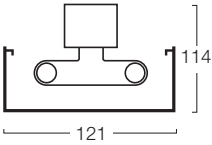
DIMENSIONS

Prismatic Controllers

Narrow
Single



Wide
Single/Twin





ACF duralite

IP65 anti-corrosive luminaire for tough environments

> weblink > **ACF**



Optics

- Lamp options:
 - 1 or 2 x 28/35/49/54W T5
 - 1 or 2 x 36/58W T8
- Diffusers high impact polycarbonate injection moulded with linear prisms

Body

- IP65
- GRP body finished light grey
- Tough and corrosion resistant
- Surface mounted with cable or conduit entry
- Suitable for exterior or high humidity areas, under a canopy or covered environment, but not in direct sunlight or open areas exposed to adverse weather conditions. Not for installation in an environment liable to produce standing water on the fitting or IP glands
- Suitable for a wide range of ambient temperatures:
 - T5, -5°C to 25°C
 - T8, -15°C to 25°C
- Plastic toggle clip lock mechanism
- Optional stainless steel tamper resistant clips



ACF duralite

> weblink > **ACF**

ORDER CODES

ACF Duralite	HF Gear	3 hr Emergency
T5 1 x 28W	ACFH128P	ACFH128PEM
T5 1 x 54W	ACFH154P	ACFH154PEM
T5 1 x 35W	ACFH135P	ACFH135PEM
T5 1 x 49W	ACFH149P	ACFH149PEM
T5 2 x 28W	ACFH228P	ACFH228PEM
T5 2 x 54W	ACFH254P	ACFH254PEM
T5 2 x 35W	ACFH235P	ACFH235PEM
T5 2 x 49W	ACFH249P	ACFH249PEM
T8 1 x 36W	ACFH136P	ACFH136PEM
T8 1 x 58W	ACFH158P	ACFH158PEM
T8 2 x 36W	ACFH236P	ACFH236PEM
T8 2 x 58W	ACFH258P	ACFH258PEM

Note: Self contained emergency versions may not deliver the designed output at temperatures below 15°C

Options

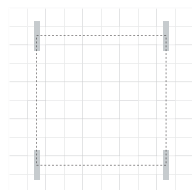
DALI DIMMING	Replace H with Y in order code	i.e. ACFY154P
DSI DIMMING	Replace H with D in order code	i.e. ACFD154P
SWITCH DIMMING	Replace H with X in order code	i.e. ACFX154P
EASYTEST	Add suffix /ET to order code	i.e. ACFH154P/ET
COMET	Add suffix /CT to order code	i.e. ACFH154P/CT
Spare plastic securing clip (quantity of 10)		ACFTOG
Lockable stainless steel securing clip (quantity of 10)		ACFCLIP
Hook suspension kit		ACFHOOKKIT

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	20,000hrs
1 x 35W T5	3300	20,000hrs
1 x 54W T5	4450	20,000hrs
1 x 49W T5	4300	20,000hrs
1 x 36W T8	3350	19,000hrs
1 x 58W T8	5200	19,000hrs

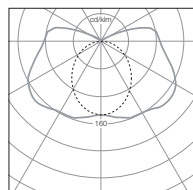
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 35W T5	250 lux	4.0m x 4.0m

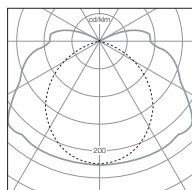


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
6m
Working Plane:
0.0m

PHOTOMETRIC PERFORMANCE



1 x 35W T5
• LOR = 85%
• SHR MAX = 2.02



2 x 35W T5
• LOR = 87.1%
• SHR MAX = 1.89

Utilisation Factors UF(F)

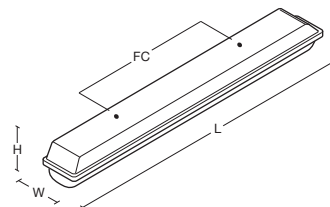
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.49	0.71	0.78

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.57	0.83	0.91



DIMENSIONS



Version	L	W	H	FC	KG	KG
1 x 28/36/54W	1276	98	94	836	2.5	3.5
2 x 28/36/54W	1276	157	94	836	5.0	6.0
1 x 35/49/58W	1576	98	94	1136	3.5	4.5
2 x 35/49/58W	1576	157	94	1136	7.0	8.0

TO SPECIFY

IP65 fluorescent T5 or T8 anti-corrosive luminaire with GRP body, polycarbonate diffuser, removable gear tray on safety straps and one piece seamless gasket for increased life and protection – as Whitecroft Lighting ACF DURALITE

ACFDN

hazardous zone 2 fluorescent luminaire

> weblink > **ACFDN**

Optics

- Lamp options:
 - 1 or 2 x 36/58W T8

Body

- GRP with polycarbonate diffuser and stainless steel retaining clips
- Two M8 clearance holes on rear of body. Washers provided for sealing to IP54 minimum
- Type of protection: Ex nA non-sparking
- Area classification: Zone 2 areas to EN 60079-14
- Apparatus standard: EN 60079-15
- Certificate: BASEEFA Ex 95Y4016
- Coding: nA11
- IP65



ORDER CODES

ACFDN	T Class	Ta °C	Body	
T8 1 x 36W	T4	40	Single	ACFDN14HP
T8 2 x 36W	T4	45	Twin	ACFDN24HP
T8 1 x 58W	T4	30	Single	ACFDN15HP
T8 2 x 58W	T4	35	Twin	ACFDN25HP

ACFDN 3 hr Emergency	T Class	Ta °C	Body	
T8 1 x 36W	T4	35	Twin	ACFDN14HPEMIN
T8 2 x 36W	T4	35	Twin	ACFDN24HPEMIN
T8 1 x 58W	T4	35	Twin	ACFDN15HPEMIN
T8 2 x 58W	150°C (T3)	30	Twin	ACFDN25HPEMIN

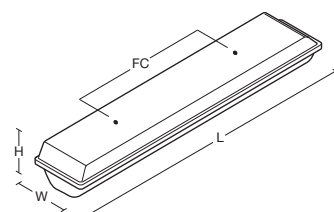
Options

Stainless steel hook suspension set	ACF3HS
Stainless steel diffuser clips and screw set	A70.981.907



Single

DIMENSIONS



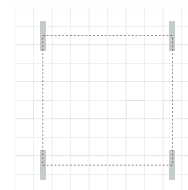
Version	L	W	H	FC	KG	KG
1 x 36W	1271	108	105	800	3.3	4.9
2 x 36W	1293	178	123	800	4.8	6.4
1 x 58W	1571	108	105	1100	4.3	5.9
2 x 58W	1593	178	123	1100	6.5	7.5

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 36W T8	3350	19,000hrs
1 x 58W T8	5200	19,000hrs

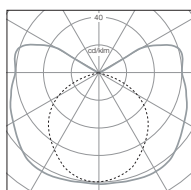
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 36W T8	200 lux	4.0m x 4.0m

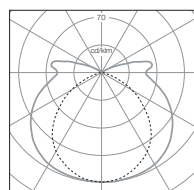


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
6m
Working Plane:
0.0m

PHOTOMETRIC PERFORMANCE



- LOR = 68.4%
- SHR MAX = 1.88



- LOR = 68.9%
- SHR MAX = 1.79

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.48	0.73	0.80

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.68	0.74

TO SPECIFY

IP65 anti-corrosive luminaire for zone 2 hazardous areas – as Whitecroft Lighting ACFDN

strike

IP559 T5 surface anti vandal luminaire

> weblink > **STR**

Optics

- Lamps options:
 - 1 or 2 x 28/35/49/54W T5
- Diffuser in 3mm thick moulded textured polycarbonate meeting HM Prisons specification and achieving an IK rating of 9 (IP559) for impact resistance
- Diffuser edges fully concealed, fully gasketed and retained by 6 x M5 hex pin anti-tamper fixings

Body

- IP55 rated steel body finished white. Corners fully welded and finished smooth with a flat back for mounting tight to the ceiling to meet anti-ligature requirements
- Fully removable gear tray with retention cords for easy maintenance



ORDER CODES

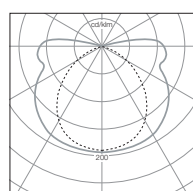
Strike	HF Gear	3 hr Emergency
T5 1 x 28W	STRH128	STRH128EMIN
T5 2 x 28W	STRH228	STRH228EMIN
T5 1 x 35W	STRH135	STRH135EMIN
T5 2 x 35W	STRH235	STRH235EMIN
T5 1 x 49W	STRH149	STRH149EMIN
T5 2 x 49W	STRH249	STRH249EMIN
T5 1 x 54W	STRH154	STRH154EMIN
T5 2 x 54W	STRH254	STRH254EMIN

Options

DALI DIMMING	Replace H with Y in order code	i.e. STR Y 128
DSI DIMMING	Replace H with D in order code	i.e. STR D 128
SWITCH DIMMING	Replace H with X in order code	i.e. STR X 128
EASYTEST	Add suffix /ET to order code	i.e. STRH128/ ET
COMET	Add suffix /CT to order code	i.e. STRH128/ CT
Special tool required for access and fixing		

HAL-KEY

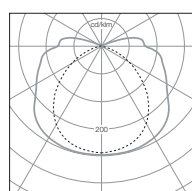
PHOTOMETRIC PERFORMANCE



- LOR = 88%
- SHR MAX = 1.75

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.54	0.77	0.84



- LOR = 87.3%
- SHR MAX = 1.78

Utilisation Factors UF(F)

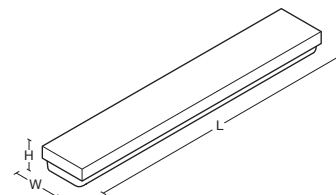
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.54	0.77	0.85



LAMP PERFORMANCE

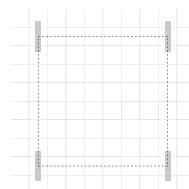
Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 35W T5	3300	24,000hrs
1 x 49W T5	4300	24,000hrs
1 x 54W T5	4450	24,000hrs

DIMENSIONS



PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 35W T5	270 lux	4.0m x 4.0m



Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
6m
Working Plane:
0.0m

Version	L	W	H	KG	KG ^{PF}
28/54W	1315	215	103	7.5	8.5
35/49W	1615	215	103	8.5	9.5

TO SPECIFY

IP559 anti vandal luminaire with fully welded body and flat back to meet anti-ligature requirements. 3mm thick moulded textured polycarbonate diffuser to HM Prisons specification, edges fully concealed and gasketed and gripped at all points by a 1.2mm zinc steel retention pan secured by 6 anti-tamper fixings. Fully removable gear and lamp tray incorporating 3 hour integral emergency when required – as Whitecroft Lighting STRIKE

enterprise

IP55 circular surface luminaire

> weblink > **ENT**

Optics

- Lamp options:
 - 2 x 55W TC-L
- Clear prismatic polycarbonate diffuser fixed to body via tamper proof fixing screw and spun aluminium clamp plate

Body

- Spun aluminium body finished white
- EPDM gasket seal between body & diffuser
- IP55



ORDER CODES

Enterprise	HF Gear	3 hr Emergency
TC-L 2 x 55W	ENH255	ENH255EMIN

Options

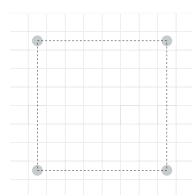
DALI DIMMING	Replace H with Y in order code	i.e. ENY255
DSI DIMMING	Replace H with D in order code	i.e. END255
SWITCH DIMMING	Replace H with X in order code	i.e. ENX255
EASYTEST	Add suffix /ET to order code	i.e. ENH255/ ET
COMET	Add suffix /CT to order code	i.e. ENH255/ CT
Special tool required for access and fixing		HAL-KEY

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 55W TC-L	4800	20,000hrs

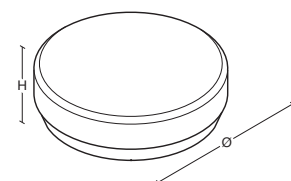
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 55W TC-L	220 lux	4.0m x 4.0m



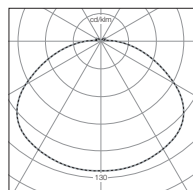
Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
6m
Working Plane:
0.0m

DIMENSIONS



Ø	H	KG	KG
575	182	5.0	6.0

PHOTOMETRIC PERFORMANCE



2 x 55W TC-L
• LOR = 54.6%
• SHR MAX = 1.82

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.35	0.50	0.55

TO SPECIFY

IP55 2 x 55W TC-L circular surface luminaire with clear prismatic polycarbonate diffuser lens and high frequency control gear. Diffuser positively fixed via central tamper proof fixing and spun aluminium clamping ring – as Whitecroft Lighting ENTERPRISE