

Exterior and Street Lighting

Introduction

This section describes a wide range of fittings for exterior lighting and floodlighting, and the full range of street lighting fittings.

Bulkhead and wellglass fittings include the well known Renown and Dreadnought types, suitable for use in Division 2 areas, and the OB vandal-proof fluorescent bulkhead which has proved its worth in many situations.

The Escort and Patio ranges of wellglass fittings are suitable for situations demanding a more decorative treatment. Floodlighting equipment covers almost all requirements, from the miniature 150W Minifloods and the Sun 500 and 1000 fittings for general lighting, through the Haline and 400W Area floodlights to the linear halide and CSI sealed beam floodlights used in unusual and rigorous situations.

The street lighting fittings and columns described in these pages are used all over the world, and there is a type suitable for every kind of road from motorways to country lanes.

IMPORTANT

Fittings shown in the Outdoor Lighting section of this catalogue are designed to be weatherproof and suitable for operation in ambient temperatures not exceeding 15°C in accordance with current British Standard Specifications.

When used indoors in situations involving higher ambient temperatures, performance may be impaired and we do not recommend such applications without our prior agreement.

Index

2:2
2:3
2:4
2:5
2:6
2:7
2:8

2:9
2:10, 2:11
2:12, 2:13
2:14
2:15
2:16
2:17
2:18
2:19
2:20
2:21
2:22

2:23
2:24
2:25
2:26
2:27
2:28
2:29
2:30
2:31
2:32

2:33
2:34
2:35
2:36
2:37
2:38
2:39

2:40

2:41

2:42
2:43

2:44
2:45, 2:46
2:47
2:48
2:49

2:50
2:51
2:52
2:53

Exterior Lighting

Renown Division 2 wellglass
Dreadnought Division 2 bulkhead
Kolorlux bulkhead fitting
Escort tungsten bulkhead
Escort fluorescent bulkhead
Escort wellglass
Escort Patio

Floodlighting

Minifloods
Sunflood tungsten-halogen
Haline tungsten-halogen
M25 junior floodlight projector
M25F floodlight projector
Grenville Division 2 floodlight
M28 light duty floodlight
Area floodlight
Precinct
M30 linear sodium floodlight
750/1600W MBIL floodlight
1000W CSI sealed beam floodlight

Street Lighting

Group A

Numbering system
Alpha One semi-cut-off sodium
Alpha Two semi-cut-off fluorescent
Alpha Three
Alpha Three
Alpha Five semi-cut-off sodium
Alpha Six cut-off sodium
Alpha Seven mercury fluorescent
Alpha Nine semi-cut-off sodium
Alpha Ten cut-off sodium

Group B

Beta One open lantern
Beta Four top entry GLS/mercury
Beta Five side entry sodium
Beta Six side entry fluorescent
Beta Seven side entry mercury
Beta Eight side entry sodium
Beta Nine side entry mercury

Group A

Gamma One vertical fluorescent

Group B

Gamma Two vertical fluorescent

Group A

Gamma Three mercury/fluorescent
Gamma Four multi-lamp

Group B

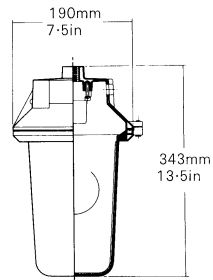
Gamma Five GLS/mercury
Gamma Six GLS/sodium/mercury
Gamma Seven GLS/mercury
Gamma Eight GLS/sodium/mercury
Gamma Nine GLS/sodium/mercury/fluorescent

Miscellaneous

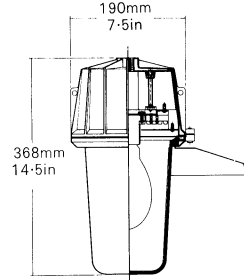
High tower lantern
Leader and Lucerna columns
Classic and Sheerline columns
Brackets



DRN T160



DRN T125



BASEEFA certified wellglass fitting for Division 2 areas, dust-tight, rainproof and proof against most corrosive atmospheres, fitted with internal choke to take 80 or 125W MBF lamps. The finned body and bezel are constructed of die-cast aluminium alloy, LM6-M. Heat resisting glass with diffusing flutes is cemented to the bezel, which is retained by stainless steel Allen screws and sealed by a neoprene gasket.

A smaller version of the fitting, using the same glass, is available for tungsten or mercury-blended lamps (150/200W GLS or 160W MBTF).

Secondary suspension holes are provided in two of the cooling fins. Standard stock fittings: Top entry tapped 19mm/3/4in ET conduit or twin 19mm/3/4in ET side (adjacent) entry with removable plug. Safety cord fitted between main body and bezel.

All fittings are suitable for 240V 50Hz supplies.

Made to BS.4533-2.1
BASEEFA certificate no. 72057

Nomenclature:
S—2 x 19mm/3/4in ET side entry
T—1 x 19mm/3/4in ET top entry
C—Ceiling fixing strap

Optional extras and spares

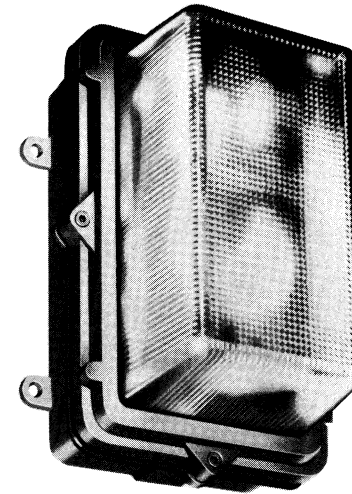
Catalogue no.	Description
DRN C	Ceiling fixing strap
DRN R	Vitreous enamel external reflector
DRN W	Wire guard
DRN G	Spare glass

Range

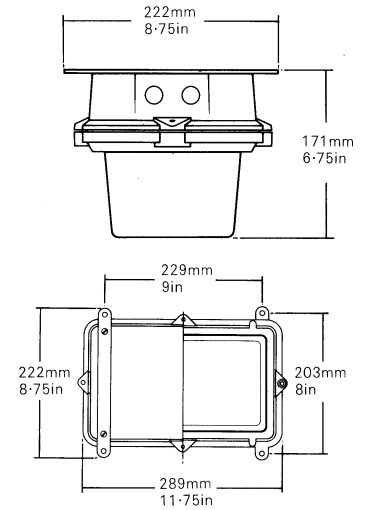
Complete fitting

Rating	Lamp type	Catalogue no.	Cable entry	Approx. weight	
				kg	lb
80W	MBF	DRN T80	Top	7.3	16
80W	MBF	DRN S80/C	Twin (adjacent) side	7.3	16
125W	MBF	DRN T125	Top	7.3	16
125W	MBF	DRN S125/C	Twin (adjacent) side	7.3	16
200W	GLS	DRN T160	Top	3.6	8
200W	GLS	DRN S160/C	Twin (adjacent) side	3.6	8
160W	MBTF	DRN T160	Top	3.6	8
160W	MBTF	DRN S160/C	Twin (adjacent) side	3.6	8

Note change of catalogue numbers with issue of BASEEFA certificate



DDRE50



BASEEFA certified fitting for Division 2 areas, rainproof, dust-tight and suitable for use in most chemically corrosive atmospheres. Bulkhead fitting in die-cast aluminium alloy LM6-M treated and stove enamelled grey. Bezel frame with neoprene gasket carrying glass is screwed to body by four Allen screws. Internal choke and capacitor and reflector provided for MBF lamps. Inside of fitting is sprayed white for MBTF and tungsten lamps.

With three-way terminal block, ES lampholder and fixing straps with 1/2in dia. clear fixing holes. Recommended burning position for MBTF and GLS lamps: Cap up. Cable/mains entry via 2 x 19mm/3/4in adjacent entries, one with removable plug. All fittings are suitable for 240V 50Hz supplies.

Made to BS.4533-2.1
BASEEFA certificate no. 72061
Catalogue nomenclature:
E—2 x 19mm/3/4in ET (adjacent)

Range

Complete fitting

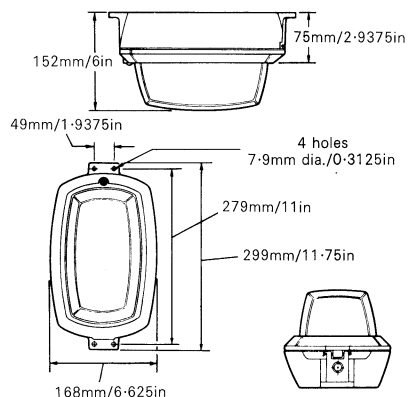
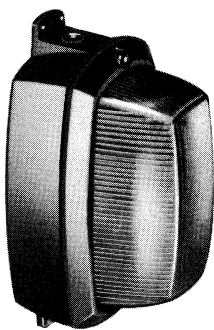
Rating	Lamp type	Catalogue no.	Cable entry	Approx. weight	
				kg	lb
50W	MBF	DDR E50	Twin (adjacent) entries	6.35	14
80W	MBF	DDR E80	Twin (adjacent) entries	6.35	14
200W	GLS	DDR E160	Twin (adjacent) entries	4.54	10
160W	MBTF	DDR E160	Twin (adjacent) entries	4.54	10

Optional extras and spares

Catalogue no.	Description
DDR W	Wire guard
DDR G	Spare glass

Note change of catalogue numbers with issue of BASEEFA certificate

Kolorlux bulkhead fitting



Description

The 50W MBF/U bulkhead has a body cast in corrosion resistant LM6 aluminium alloy with light control provided by a prismatic diffuser held firmly in position by a hinged glazing ring. The polycarbonate diffuser is held against the ring by clips. The ring seats on to a tubular neoprene gasket cemented firmly into a recess in the cast body. The cast metalwork has a sprayed aluminium finish on the exterior and the interior is painted white.

The control gear is fixed directly to the back of the casting inside, together with a porcelain terminal block suitable for looping 7 x 0-036in cable. A separate earth terminal is provided. An ES porcelain lampholder is mounted in front of a diffused aluminium reflector. The reflector is slotted at one end and has a keyhole slot at the other so that it can be easily removed from its two locating screws. A separate earth wire is provided to earth the reflector.

Alternative version

An alternative gearless version suitable for 150W GLS has a porcelain ES lampholder mounted on an easily removable bracket with a separate earth terminal on the casting. Insulating sleeves are provided to protect the incoming cable.

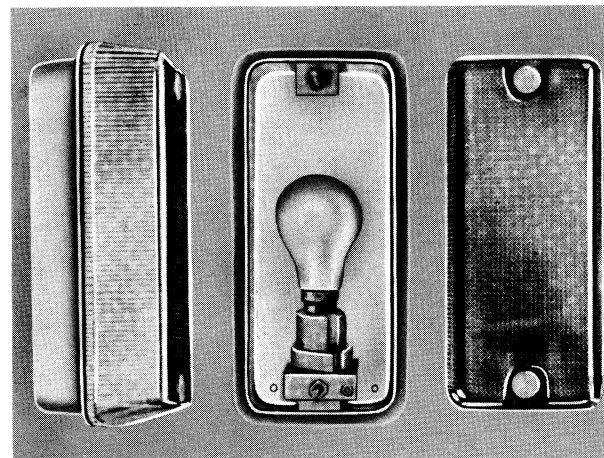
Division 2 type

Generally as above but fitted with enclosed break ES lampholder. Mains connector has clamp type terminals. Maximum 100W.

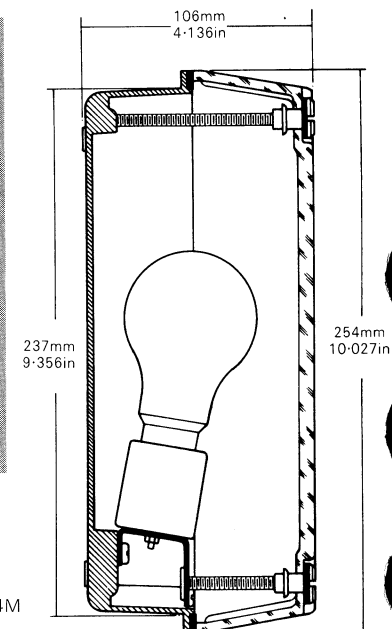
Catalogue no.	Description	Type	Lamp
TG 4075	MBF/U prismatic bulkhead complete with 240V gear	Standard	50W MBF/U ES cap
TG 4208	GLS prismatic bulkhead less gear	Standard	100/150W GLS ES cap
TG 4209	MBF/U prismatic bulkhead complete with 240V gear	Division 2	50W MBF/U ES cap
TG 4210	GLS prismatic bulkhead less gear	Division 2	100W GLS ES cap
TG 4069	Spare Polycarbonate front	—	—

Weight : with gear 4-76kg/10-5lb ; less gear 2-5kg/5-5 lb
Entry : 19mm/0-75in ET conduit top and bottom.

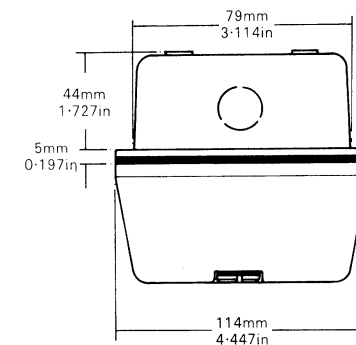
Escort tungsten bulkhead



Escort bulkhead



CROSS SECTION AND DIMENSIONS



Note: Maximum recommended lamp wattage 100W

APPLICATION

Bulkhead fittings for incandescent light source in a pleasing style. Well made and efficient, sets new standards of simplicity in installation and servicing, with prolonged periods between maintenance. The shallow, square styling is simple and attractive, blending well with any wall finish or decorative scheme.

Low initial cost is a feature of the Atlas miniature incandescent bulkhead fittings, which are particularly suitable for installations where manual or time switch control is in operation.

Description

Completely weatherproof and protected against corrosion, these fittings have lattice glass diffusers and are much shallower than most. They incorporate an anti-theft locking device.

Lamps 40-100W GLS BC or ES

Glass diffuser The replaceable prismatic diffuser is retained in position by two captive vandal-proof nylon screws. The diffuser fits outside the lip of the body casting and closes onto a neoprene gasket for weatherproofing.

Body casting This is a pressure die-cast aluminium alloy in LM24M grey enamel hammer finish. A conduit entry knockout is provided at the lampholder end. There is also provision for Besa box and conduit entry at the back. The units can be either semi-recessed or surface mounted.

Catalogue no.
OLG 1100 BC
OLG 1100 ES

Escort fluorescent bulkhead

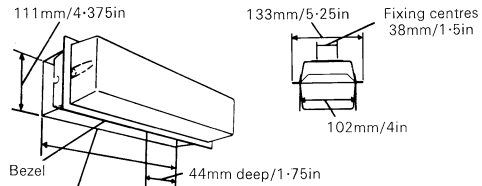
Application

A tough, stormproof fitting for surface or recess mounting anywhere outdoors.

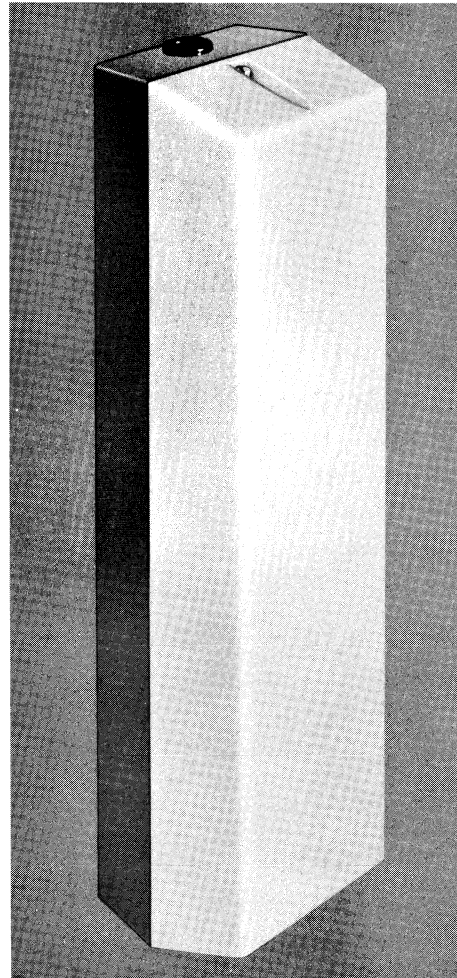
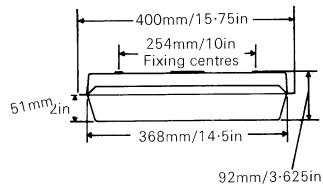
Description

The fitting comprises pressure die-cast aluminium body with high impact acrylic cover (wire guards are not a necessary accessory with this unit).

The opal cover is secured with two captive screws opened only by a special key provided with each fitting and is retained when open with a plastic toggle. Switchstart gear for 2 or 3 8W 300mm/12in fluorescent T5 lamps is mounted under a hinged reflector tray. Stock fittings are LPF (single lamp versions and HPF 2 lamp versions are available to special order). For easy installation the die-cast body includes $\frac{3}{4}$ in ET entries at ends and $\frac{3}{4}$ in knockout in centre back (two plugs are provided). Wireways are cast in from the end entries to the central terminal block as well as alternative drill indents for fixing holes. Tubes are packed with each fitting for convenience. A bezel trim is available for use when the bulkhead is recessed.



454mm/14-875in



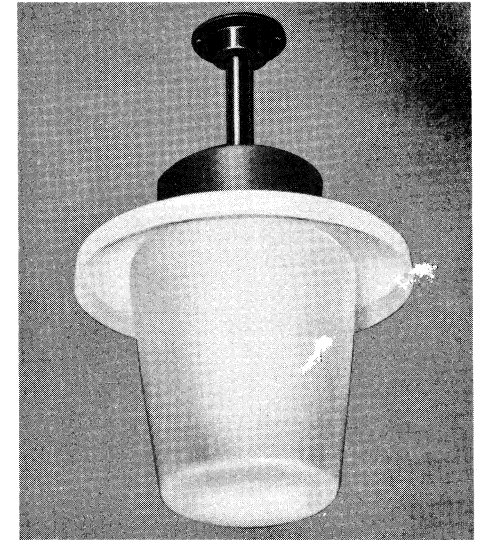
Escort fluorescent bulkhead

RANGE

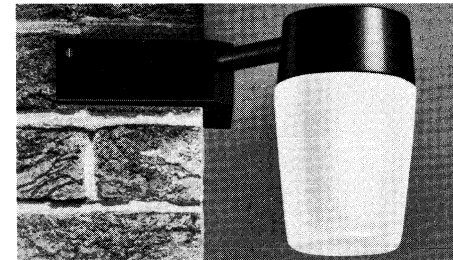
Catalogue no.	Description
OB 2008	2 lamp parallel wired SS circuit LPF 2 x 8W 300mm/12in fluorescent tubes
OB 3008	3 lamp series and single SS circuit LPF 3 x 8W 300mm/12in fluorescent tubes
OBB	Bezel trim
OBD	Spare opal cover
OBK	Key

Escort wellglass

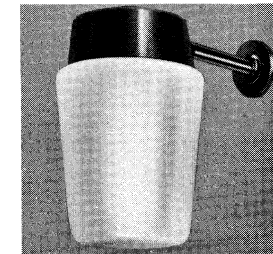
These Wellglass fittings are available in two sizes, suitable for 60/200W tungsten lamps and 80/125W mercury vapour lamps. They utilise a screw neck gallery of cast aluminium alloy (LM6-M) construction suitable for either side or top entry. The latter is also suitable for direct Besa box mounting. The two sizes of glass cater for 100W or 200W ratings but employ a common screw neck detail to match the galleries. This is internally etched and is fitted complete with a weatherproof seal. A white nylon reflector may be fitted if required over the screw neck of the glassware and is available to both sizes. For wall or corner mounting, bracket assemblies are available for use with the side entry gallery.



EMF 1200 top entry with EKR 200 reflector and EKB bracket



EKF 1100 side entry using EKC corner bracket



EKF 1200 side entry using EKB wall bracket

Range

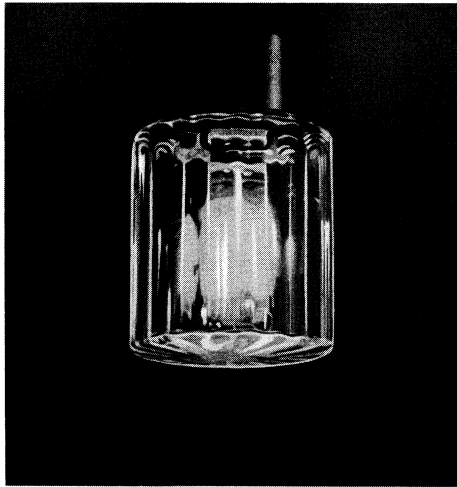
Catalogue no.	Type	GLS lamp	MBF/U lamp	Lampholder	Diameter		Height		Weight	
					mm	in	mm	in	g	oz
EKF 1100	Side entry	60/100W	—	BC	114	4-5	187	7-37	0-9	2
EMF 1100	Top entry	60/100W	—	BC	114	4-5	187	7-37	0-9	2
EKF 1200	Side entry	150/200W	80/125W	ES	146	5-75	235	9-25	1-02	2-25
EMF 1200	Top entry	150/200W	80/125W	ES	146	5-75	235	9-25	1-02	2-25

Attachments

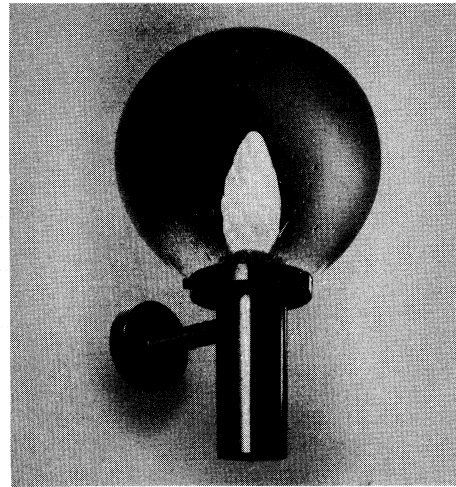
Catalogue no.	Type	Lamp watts	Dimensions		Weight	
			mm	in	g	oz
EKR 100	Reflector	60/100	184	7-25 diameter	85	3
EKR 200	Reflector	150/200	219	8-62 diameter	59	2
EKB	Wall bracket	—	120	4-75 length	113	4
EKC	Corner bracket	—	152	6 square	340	12
			120	4-75 projection		

All fittings comply with BS 3820

Escort Patio



WPC R 1060 BC



WPW A 1060 BC

The Escort Patio range comprises two fittings and three alternative glasses.

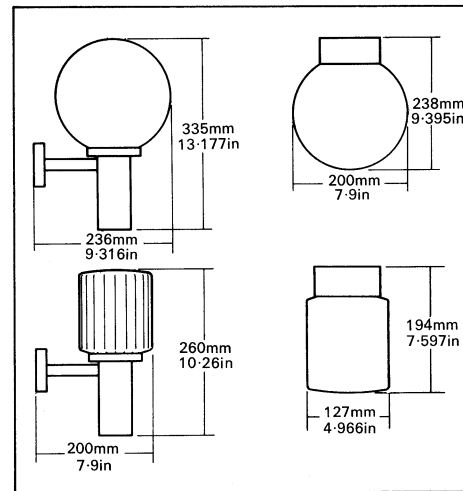
Fittings

The fittings have a matt black, weather resistant and non-corrosive finish. Each fitting has a 2BC lampholder as standard (ES lampholder is available).

The fittings take a 60W lamp, standard GLS or decorative shape.

Glassware

The glasses are interchangeable and available in two shapes, cylindrical and spherical. The cylindrical glass is ribbed with a clear finish. The spherical glasses are either amber aerated or white opal.



RANGE

Catalogue no.	Description	Catalogue no. Metalwork	Catalogue no. Glass
WPC A 1060 BC	Under-canopy fitting with amber aerated spherical glass	WPC 1060 BC	WPA
WPC R 1060 BC	Under-canopy fitting with ribbed cylindrical glass	WPC 1060 BC	WPR
WPC S 1060 BC	Under-canopy fitting with opal spherical glass	WPC 1060 BC	WPS
WPW A 1060 BC	Wall bracket with amber aerated spherical glass	WPW 1060 BC	WPA
WPW R 1060 BC	Wall bracket with ribbed cylindrical glass	WPW 1060 BC	WPR
WPW S 1060 BC	Wall bracket with opal spherical glass	WPW 1060 BC	WPS

Minifloods

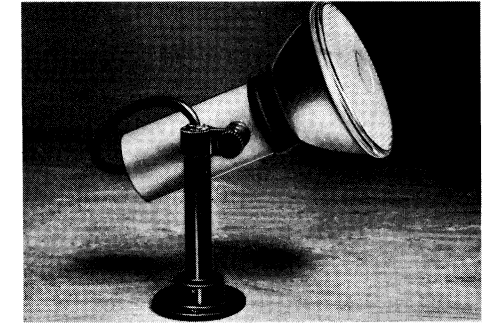
The Miniflood is a weatherproof lampholder housing and mounting assembly for exterior application designed for use with the 150W mains voltage sealed reflector spot or flood lamp.

Description

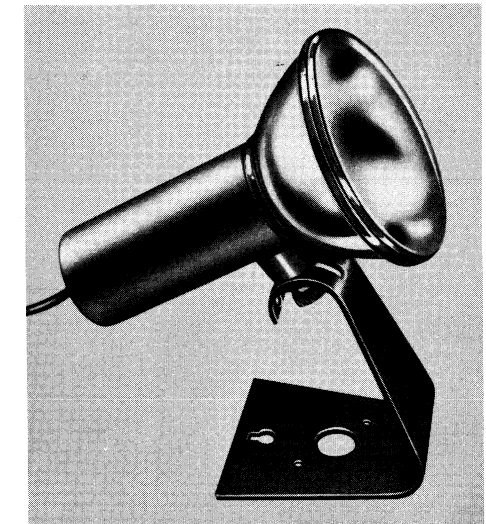
The basic unit supplied with various forms of mounting comprises a satin finished extruded aluminium case housing a ready wired ES lampholder. Weather-proofing is completed by a silicone rubber sealing ring between case and lamp. Adjustment and locking are by means of a slotted thumb screw.

The ER 1150 is wired for connection to conduit installations with an alternative wall mounting bracket EKB and a corner mounting bracket EKC being available.

The M36 1150 is supplied with 1.8m/6ft of PVC 3-core cable and a black polythene coated steel bracket which allows fixing to conduit or by woodscrew, as well as free standing.



ER 1150 Miniflood using EKB flat wall bracket



M36 1150 Miniflood

Range

Catalogue no.	Description
ER 1150	Miniflood (less brackets, less lamp)
M36 1150	Miniflood (with brackets, less lamp)
EKB	Flat wall bracket
EKC	Corner bracket

Dimensions

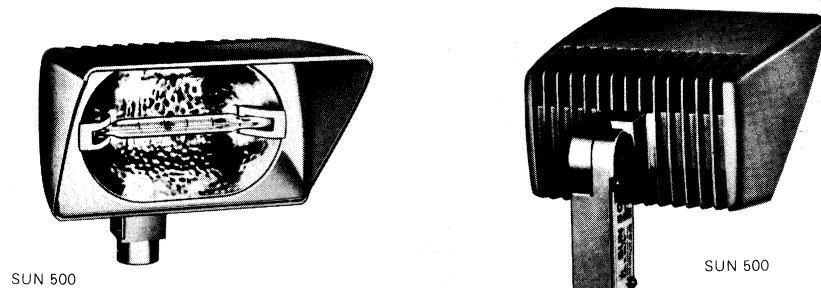
Catalogue no.	Length		Height		Diameter	
	mm	in	mm	in	mm	in
ER 1150 incl. lamp	191	7.5	—	—	121.5	4.75
M36 1150 incl. lamp	191	7.5	—	—	121.5	4.75
M36 1150 mounting bracket	105	4.125	132	5.1875	—	—

Lamps

	Type	Watts	Volts	Cap
Sealed beam reflector lamps (Par 38)	Spot	150	220/230, 240, 250	ES
Sealed beam reflector lamps (Par 38)	Flood	150	220/230, 240, 250	ES
Color-ray sealed beam reflector lamps (Par 38)	Spot	150	220/230, 240, 250	ES

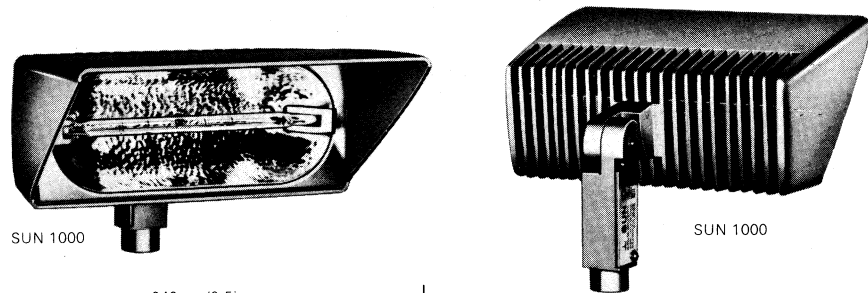
Standard colours: blue, green, red and yellow

Sunflood 300/1000W tungsten-halogen floodlights



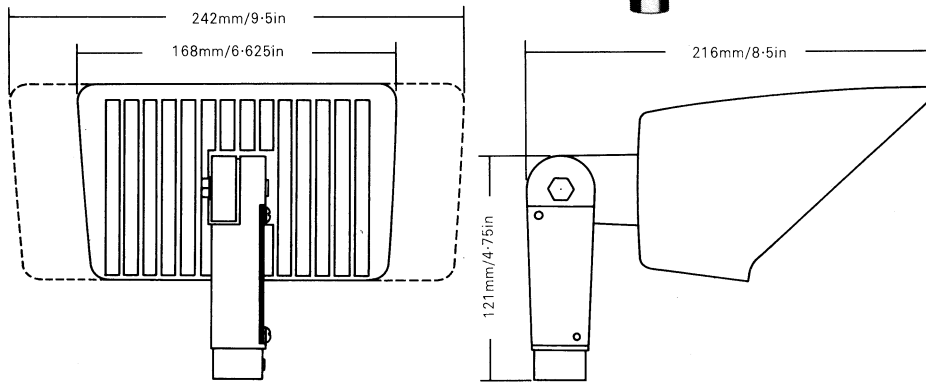
SUN 500

SUN 500



SUN 1000

SUN 1000



Description

The main body, with specially designed cooling fins, and the terminal block housing are pressure die-cast in LM6-M aluminium alloy. The reflector is of magnesium alloy, hammer finished, chemically brightened, and anodized.

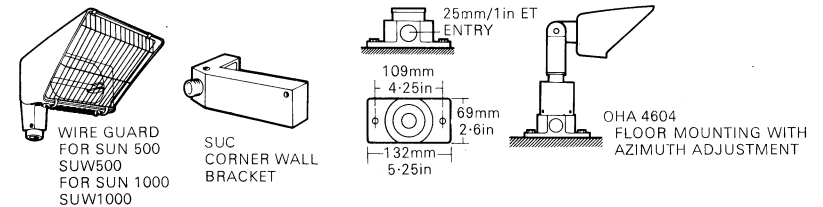
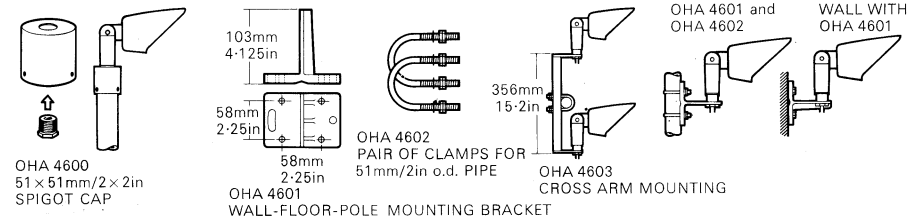
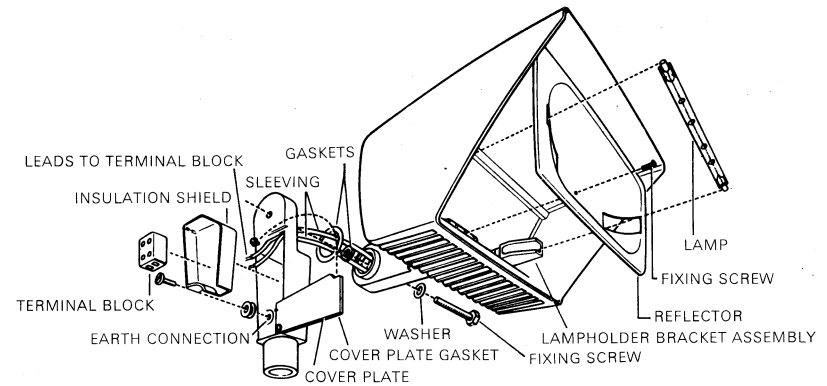
The lampholders consist of single fine silver 'button' contacts, mounted on nickel-silicon-copper alloy leaf springs, tempered, plated and housed in porcelain shrouds. Wiring is carried out with special heat-resisting cable.

All fixing screws are of stainless steel. The two-way porcelain terminal block is completely insulated by a moulded polypropylene shield. An earth terminal is provided.

Range

Catalogue no.	Lamps	Weight	
		kg	lb
SUN 500	300 or 500W THD linear	1.02	2.25
SUN 1000	750 or 1000W THD linear	1.36	3

Sunflood 300/1000W tungsten-halogen floodlights



Accessories

A comprehensive range of mounting accessories is available, catering for most mounting requirements. Designed for simple fixing, they are interchangeable throughout the range. Mounting accessories are attached to the 3/8in ET tapped entry boss. Accessories are supplied in a plastic bag containing all the necessary components.

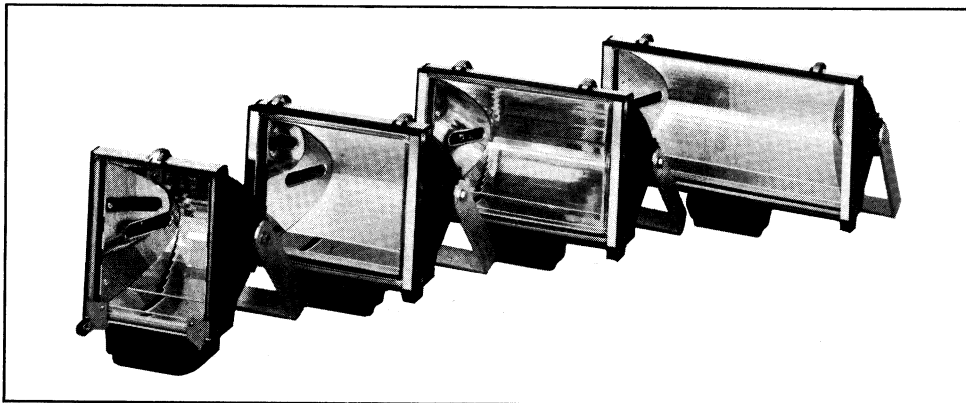
Catalogue no.	Description
OHA 4600	Spigot cap for 51mm/2in o.d. pole
OHA 4601	Mounting bracket for pole, wall or floor
OHA 4602	Pair of 'U' clamps for use with HA 4601
OHA 4603	Cross-arm bracket for 51mm/2in o.d. pole
OHA 4604	Floor bracket
SUC	Corner wall bracket

Spares

Lamp protection can be afforded by the provision of a Sunflood wire guard. It is available for both sizes of Sunflood. The wire guard is made of stainless steel and is clip hinge fixed for easy maintenance. Spare reflectors and lampholder assemblies are also available.

Catalogue no.	Description
SUL500	Lampholder assembly for Sun 300/500 (comprises one bracket, two lampholders and leads)
SUL1000	Lampholder assembly for Sun 750/1000 (comprises one bracket, two lampholders and leads)
SUR500	Reflector for Sun 300/500
SUR1000	Reflector for Sun 750/1000
SUW500	Wire guard for Sun 300/500
SUW1000	Wire guard for Sun 750/1000

New Haline 300/500/750/1000/1500/2000W tungsten-halogen floodlights



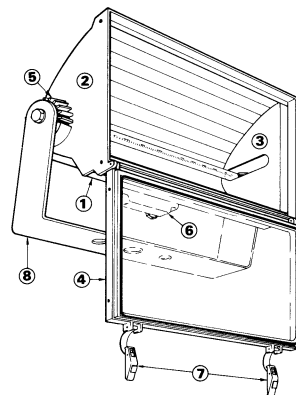
Application

Suitable for area lighting, buildings, precincts, stadia, car parks, forecourts or any purpose where a wide horizontal beam spread and accurate vertical beam control are required.

Description

One-piece reflector/body of extruded aluminium featuring asymmetrical, faceted reflector profile. This construction gives rigidity and accuracy for the best and most consistent optical performance. Reflectors are finished polished (specular) or matt (diffuse) and provided with polished aluminium end diaphragms for improved light distribution. Die-cast LM6-M aluminium alloy end plates enclose the fitting and carry lampholders. The cool wiring box is made of glass filled epoxy resin and polycarbonate for the base and lid respectively, and contains an easy access terminal block, cable clamp and neoprene gasket complete with gland suitable for 6-11 mm O/D cable. Access for relamping is obtained via the hinged silicone rubber gasketed front frame and glass secured with toggle catches on all fittings. Full weatherproofing is provided by dished borosilicate glasses on 750-1500W sizes and by flat glasses on 300/500W and 2000W sizes.

- 1 BODY AND REFLECTOR
- 2 END CASTING
- 3 END DIAPHRAGM
- 4 FRAME AND GLASS ASSEMBLY
- 5 STIRRUP BOSS
- 6 COOL WIRING BOX
- 7 TOGGLE CATCH
- 8 STIRRUP MOUNTING BRACKET

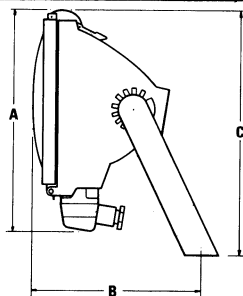


Exterior finish

Reflector/body is matt aluminium, castings matt black, glazing trim anodized aluminium, screws and toggle catches stainless steel. The New Haline OHS/D 500 and OHS/D 1000 are suitable for 120/240 volts; the remainder of the range is suitable for 200-250 volt supply only.

Mounting

A 25° cranked stirrup is standard to the complete range allowing floor, wall or pendant mounting and adjustment in two planes.



Catalogue no.	Watts	Weight kg	Height A mm	Depth B mm	Overall Height C mm	Length mm
OHS/D 500	300/500	2.9	272	190	296	237
OHS/D 1000	750/1000	4	272	190	296	309
OHS/D 1500	1500	4.7	272	190	296	374
OHS/D 2000	2000	4.9	272	190	296	450

OHS = Specular reflector OHD = Diffuse reflector

New Haline 500/750/1500 tungsten-halogen floodlights

FITTINGS

Catalogue no.	Lamp description
OHS 500	500W Specular reflector
OHD 500	500W Diffuse reflector
OHS 1000	750/1000W Specular reflector
OHD 1000	750/1000W Diffuse reflector
OHS 1500	1500W Specular reflector
OHD 1500	1500W Diffuse reflector
OHS 2000	2000W Specular reflector
OHD 2000	2000W Diffuse reflector

ACCESSORY PACKS SUITABLE FOR ALL NEW HALINES

Catalogue no.	Description	Weight kg
OHA 4600	48mm 2in O/D spigot cap, pole top mounting	0.2409
OHA 4601	Multi-use mounting bracket	0.3401
OHA 4603	Cross-arm mounting	0.48
OHA 4606	Hood 750/1000W for OHS/OHD 1000	0.1416
OHA 4607	Hood 1500W for OHS/OHD 1500	0.1490
OHA 4609	Hood 2000W for OHS/OHD 2000	0.1495
OHA 4609	Wing universal, all sizes except OHS/OHD500	0.0846
OHA 4612	76mm/3in O/D spigot cap, pole top mounting	0.3543
OHA 4613	Universal pole clamp, for poles 48-89mm/2-3.5in O/D	0.4800
OHA 4614	2-replacement lampholder contact	0.0283

Accessories

Accessories are supplied packed in plastic bags containing all necessary components as follows:

OHA 4600 48mm/2in Spigot Cap

Pack contains one 48mm x 51mm/2in x 2in spigot cap and HEX head steel bush, washer and nut. Cap is attached to stirrup with bush and nut and wiring fed through it.

OHA 4601 Multi-use Mounting

Pack contains bracket, bush, washer and nut used for wall mounting.

OHA 4603 Cross-arm Mounting

Pack contains bracket, two bushes, washers and nuts and one pair of OHA 4602 clamps for mounting two fittings, one above the other, on a single horizontal 48mm/2in O/D bracket arm.

OHA 4606/8 Hood

Pack contains hood and four stainless steel screws. Used to control upward light. Attached to glazing-frame with longer screws provided.

OHA 4609 Wing

Pack contains one wing and two screws. Used to control side light. Attached to glazing-frame with longer screws provided.

NOTE: Not available for OHS/OHD 500.

OHA 4612 76mm/3in Spigot Cap

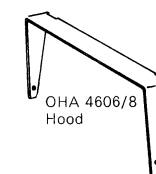
Pack contains one 76mm x 76mm/3in x 3in spigot cap and Hex head steel bush, washer and nut. Cap is attached to stirrup with bush and wiring fed through it.

OHA 4613 Universal Pole Clamp

Pack contains one clamping strap, a U-bolt and two nuts with washers and is capable of fixing on 48-89mm/2-3.5in O/D pole without adjustment.

OHA 4614 Replacement Lampholder Contact

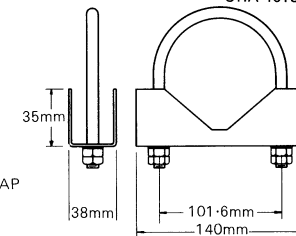
Pack contains two contact assemblies with cable for 2000W size. Cable cut to length during installation for OHS/OHD 500, 1000 and 1500.



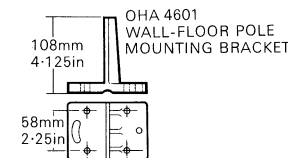
OHA 4606/8 Hood



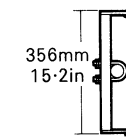
OHA 4600 2in x 2in SPIGOT CAP 48mm x 51mm



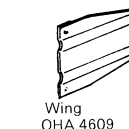
UNIVERSAL POLE CLAMP OHA 4613



OHA 4601 WALL-FLOOR POLE MOUNTING BRACKET



OHA 4603 CROSS ARM MOUNTING



Wing OHA 4609

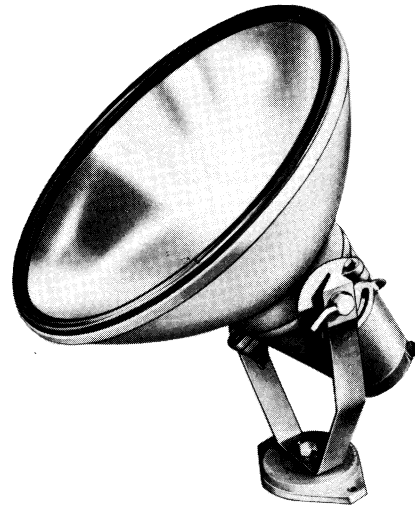


OHA 4612 76mm x 76mm SPIGOT CAP



REPLACEMENT LAMPHOLDER CONTACT OHA 4614

M25 junior floodlight projector



M25 junior floodlight

Description

The projector is of robust construction and made from first quality materials, selected to withstand corrosive atmospheres found in industrial locations. The projector comprises six major components.

A reflector spun from super purity aluminium, polished and anodised, is secured internally to an aluminium alloy ring casting which itself is pivoted in a galvanised steel stirrup assembly.

A heat-resisting front glass cover secured into the reflector by a neoprene gasket makes a weatherproof seal.

Gasketed and fastened to the body casting by stainless steel studs and wing nuts through slotted cast-on lugs, is an easily removable lampholder housing at the base of which is a detachable cast cover plate.

To complete the assembly, an auxiliary reflector is fixed between main reflector and main body casting; a GES lampholder, on a

plated steel bracket, is fixed to the appropriate pre-set focus position; and the cover plate end cap encloses a cool wiring chamber containing porcelain terminal block, earth connection and cable gland.

The stirrup assembly provides locking bolts, with plastic coated heads and handles, and DV bearing quadrant marked 0°-180°. All castings are aluminium alloy, LM6-M.

Available, modified for use in Division 2 areas, to special order.

Special features and maintenance

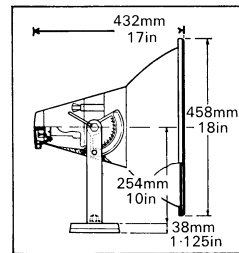
The floodlight once aimed need not be moved for re-lamping, which is effected by removing lampholder housing complete with lamp from body casting.

The terminal block, earth screw and supply cable are located within the cool wiring chamber at base of lampholder casting, affording easy access along with protection from lamp heat.

The neoprene gasket and method of

glazing provide a very effective weatherproof seal.

Details of discharge lamp control gear and weatherproof boxes are listed in Section 10



RANGE

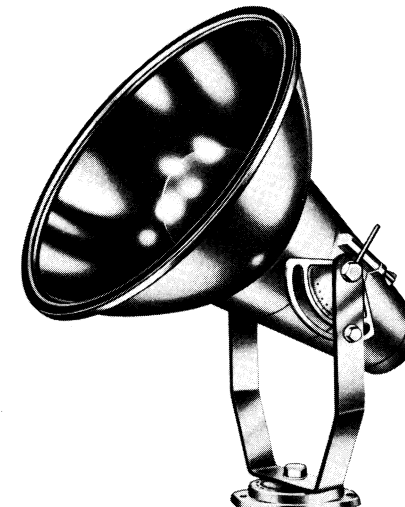
Catalogue no.	Mounting	Reflector	Weight kg	lb
M25 S500	2 x 9.5mm/3/8 in diameter clear holes at 152mm/6in centre	Specular	9.07	20
M25 D500	2 x 9.5mm/3/8 in diameter clear holes at 152mm/6in centre	Diffuse	9.07	20

Complete with baseplate

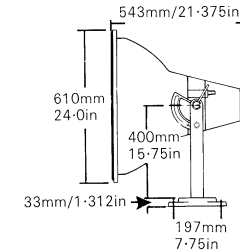
LAMPS

Lamp type	GLS	B2/1	MBF/U	MB1 & MB1F	Son	SON/T
Watts	300/500	500	250/400	400	250/400	250/400

M25F floodlight projector



M25F floodlight projector



Description

The projector is of robust construction and made from first quality materials, selected to withstand corrosive atmospheres found in industrial locations.

The projector comprises six major components. A reflector spun from super purity aluminium, polished and anodised, is secured internally to an aluminium alloy body casting which itself is pivoted in a galvanised steel stirrup assembly.

A heat-resisting front glass cover secured into the reflector by a neoprene gasket makes a weatherproof seal. Gasketed and fastened to the body casting by stainless steel studs and wing nuts through slotted cast-on lugs, is an easily removable lampholder housing at the base of which is a detachable cast cover plate.

To complete the assembly, an auxiliary reflector is fixed between main reflector and main body casting; a GES lampholder is

provided and the cover plate end cap encloses a cool wiring chamber containing porcelain terminal block, earth connection and cable gland.

The stirrup assembly provides locking bolts, with plastic coated heads and handles, and DV bearing quadrant marked 0°-90° at 2 1/2° intervals. A cast baseplate, marked with azimuth bearing angles, 0°-180°, is available as an optional extra. All castings are aluminium alloy, LM6-M.

Special features and maintenance

Provision is made for accurate lamp focusing by adjustment of three thumbscrews with screwdriver slot. The floodlight once aimed need not be moved for re-lamping, which is effected by removing lampholder housing complete with lamp from body casting. A re-setting stop situated in the quadrant makes it possible to swivel the fitting on its horizontal axis for cleaning front

glass. The fitting then returns to its predetermined aiming position. The terminal block, earth screw and supply cable are located within the cool wiring chamber at base of lampholder casting, affording easy access with protection from lamp heat.

The neoprene gasket and method of glazing provide a very effective weatherproof seal. For replacement of glass front cover a special glazing tool is available (M25 glazing tool).

Details of discharge lamp control gear and weatherproof boxes are in Section 10.

RANGE

Catalogue no.	Reflector	Weight kg	lb	Mounting
M25F D1500*	Diffuse	12.7	28	1 x 17mm/5/8 in hole
M25F S1500*	Specular	12.7	28	1 x 17mm/5/8 in hole
M25 BP	Baseplate (optional extra)			2 x 13mm/0.5in diameter, 197mm/7.75in centre

*Excluding baseplate

LAMPS

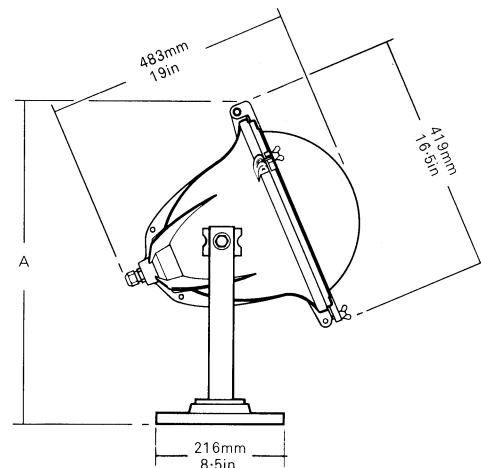
Lamp type	GLS	B2/2	B2/3	MB/U	MBF/U	MB1 & MBI/F
Watts	750/1500	1000	1500	1000	1000	1000

Grenville Floodlight

Division 2



W2215/W2147



Floodlight suitable for Division 2 areas, rainproof, dust-tight and for use in most chemically corrosive atmospheres. The fitting is made of die-cast aluminium alloy stove enamelled grey, with plain heat-resisting glass bowl seated on a neoprene gasket in bezel secured by a floating hinge and three swing bolts with captive wing nuts. The fitting can be mounted on a cradle and 254mm/10in dia. circular base plate or cradle and 102mm/4in dia. vertical pole clamp. A concentrating anodized internal reflector is used with the MBF (Kolorlux) lamp. The fitting is supplied with integral choke but no capacitor. A nylon cable gland suitable for 3-core 40/0076 PCP-sheathed cable is supplied.

Made to OCMA Specification no. ELEC 7—HMFI Approved for use in Division 2 areas (BASEEFA certification applied for to BS.4533). Fully rainproof, dust-tight and corrosion-resistant to BS.3820:1964.

Range

Catalogue no.	Lamp	Holder	Dimensions		A (max.)		A (min.)		Weight	
			mm	in	mm	in	kg	lb		
W2215	MBF/U 250W	GES	635	25	483	19	16.5	36		
W2216	MBF/U400W	GES	635	25	483	19	16.5	36		

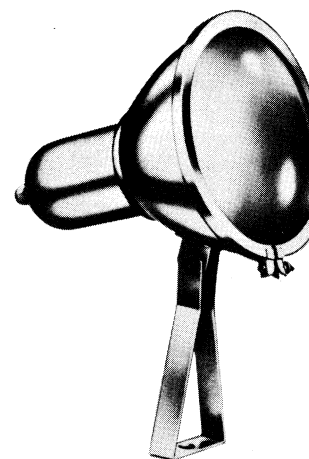
Mountings for adjustable floodlight fitting with side bosses

- W2147 Cradle and circular baseplate (254mm/10in dia.)
- W2149 Cradle and clamp for 102mm/4in dia. column
- W9999 Spare glass only

Baseplate fixing: Four holes for 9mm/0.375in dia. bolts equally spaced on 216mm/8.5in dia. circle.

Note: When ordering a top entry Grenville complete with bosses together with the required mounting both catalogue numbers should be quoted (e.g. W2216/W2147 denotes a 400W MBF/U Grenville with bosses, complete with internal choke and for mounting on a cradle with circular baseplate).

M28 light duty floodlight



M28 200 light duty floodlight



M28 500 light duty floodlight

The M28 is designed for general purpose light duty floodlighting for 150/500W tungsten GLS lamps.

Description

The M28.150 and M28.200 floodlights in this range are identical in construction, varying only in overall dimensions. Mains wiring is fed via a fixed nylon gland direct into the back of the lampholder.

The M28.500 has a removable back cover with cable gland, single screw fixing, giving access to a terminal block for mains connection. Re-lamping on all sizes is carried out by removal of front glass and glazing ring. Removal of the 3/4in packed gland on 150W and

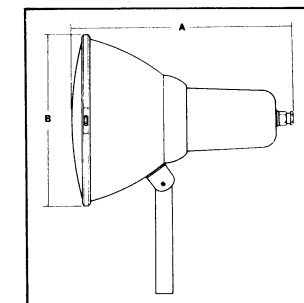
200W sizes allows easy withdrawal of lampholder and yoke assembly for wiring.

All three types have fixed focus. Floodlight bodies are manufactured from sheet steel, the whole assembly being given anti-corrosion treatment and finished stoved aluminium lacquer.

The complete assembly is supplied mounted on an adjustable steel stirrup.

Mounting

All mounting stirrups have a centre fixing hole 10.3mm/3/8in diameter plus two holes 5.5mm/7/32in diameter on 50.8mm/2in centres.



RANGE

Catalogue no.	Lamp	Cap	Weight		Dimensions			
			kg	lb	A	B		
M28.150	150W GLS	BC	1.69	3.5	273mm	10.75in	203mm	8in
M28.200	200W GLS	ES	2.50	5.5	400mm	15.75in	254mm	10in
M28.500	300/500W GLS	GES	4.76	10.5	552mm	21.75in	305mm	12in

Area floodlight

The Area flood is a totally enclosed floodlight for post top, wall or stirrup mounting. Integral precision wound gear for Kolorlux, Kolorarc and SON lamps is supplied wired to the lampholder. High light output with good optical control and asymmetric light distribution fits it for area floodlighting.

Description

Support casting

The casting which includes the control spigot cap is made of LM6-M aluminium alloy. Integral control gear is mounted on the casting.

Body

The GRP body, moulded in one piece, incorporates a channel section carrying a silicone rubber gasket which provides a seal between body and casting.

Bowl ring assembly

Bowl ring is a GRP moulding with corrosion-resistant hinges at the top for easy access. A toughened flat glass is secured into the bowl ring. Both bowl and ring seat against silicone rubber gaskets for full weatherproofing. The assembly is secured by two Dzus coin-slot clips.

Reflector assembly

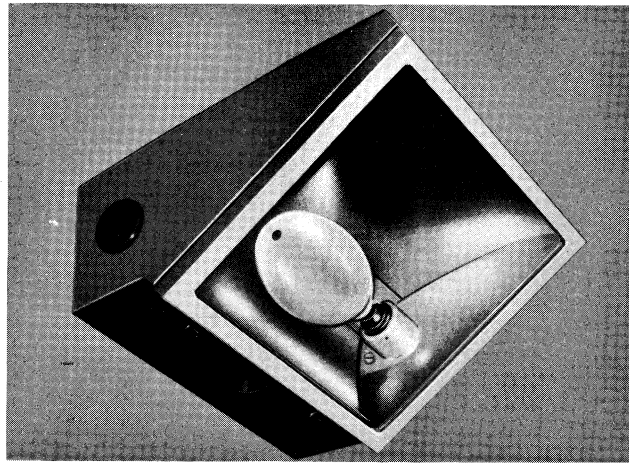
Two-part, of chemically polished aluminium, giving an asymmetric light distribution. The lower portion hinges down giving easy access to the control gear and fixing screws.

Wiring and installation

Mains wiring is fed via a cable to a 3 way 10A terminal block taking up to twin 7/-85mm (7/-036in) cable and earth.

Post top and bracket mounting

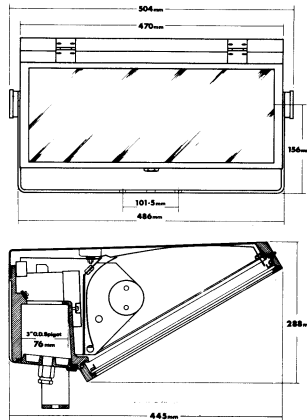
The Area floodlight is secured to post or bracket through the two



Allen type screws in the spigot cap 76mm/3in dia x 114mm/4.5in. Wall brackets are available in 152mm/6in for close to wall fixing with limited adjustment in azimuth. The 254mm/10in bracket permits full 180° adjustment in azimuth, if required.

Stirrup mounting

Stirrup arms are secured to the floodlight by the black securing knobs. A blanking plate is provided for gland entry of the mains cable. With this mounting the fitting may be aimed as required in elevation.



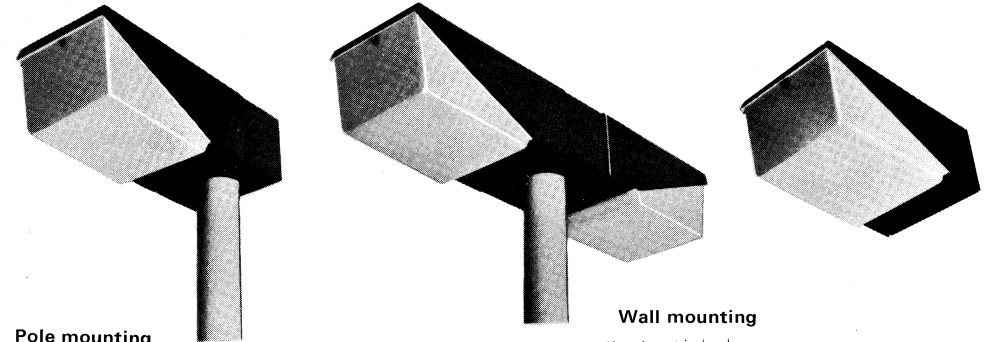
RANGE Fitting packed in one carton c/w lamp

FITTING	Weight		LAMP			
	kg	lb	Type	Watts	Cap	
Catalogue no.	Bowl					
OAC G400	Glass	20	44	MBIF Kolorarc	400	GES
OAC V400	Vandal	20	44	MBIF Kolorarc	400	GES
OAK G250	Glass	13.6	30	MBF/U Kolorlux	250	GES
OAK V250	Vandal	13.6	30	MBF/U Kolorlux	250	GES
OAK G400	Glass	15.2	33.5	MBF/U Kolorlux	400	GES
OAK V400	Vandal	15.2	33.5	MBF/U Kolorlux	400	GES
OAS G250	Glass	16.8	37	SON	250	GES
OAS V250	Vandal	16.8	37	SON	250	GES
OAS G400	Glass	18.5	41	SON	400	GES
OAS V400	Vandal	18.5	41	SON	400	GES

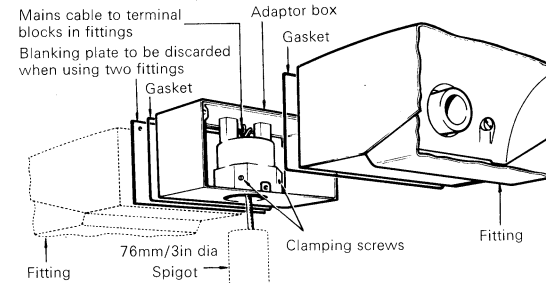
ACCESSORIES

ACCESSORIES	DESCRIPTION
OAB 36	76mm/3in OD; 152mm/6in bracket
OAB 310	76mm/3in OD; 254mm/10in bracket
OAG	Spare front glass
OAV	Anti-vandal bowl
OAE	Stirrup assembly

Precinct 80 and 125W MBF/U



Pole mounting



Application

Town centres and densely populated areas are gradually being converted to one-way systems and pedestrian walkways in an attempt to separate the car from the daily and week-end shopper.

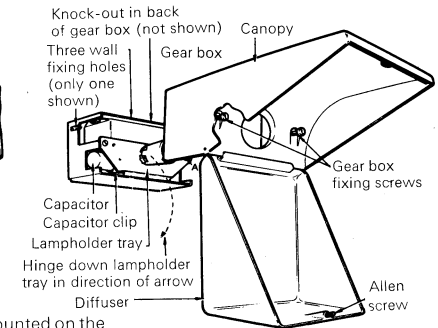
A demand for a low cost, well designed fitting to light these areas is evident. The need also exists for good design for town and country planning. The Precinct fitting is manufactured with integral control gear for 80W and 125W MBF/U and can be pole mounted singly or twin back-to-back.

This compact fitting can also be wall mounted directly, either separately or to complete a matching installation.

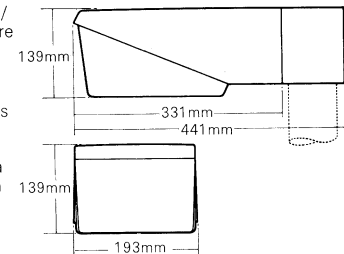
Construction

A pressure die-cast LM6-M aluminium canopy with integral cast reflector houses a separate gear tray with appropriate 240V integral gear.

Wall mounting



Dimensions



The ES lampholder is mounted on the gear tray and projects through the back of the reflector.

Three shrouded fixing holes are provided in the gear tray, and 19mm/3/4in conduit clearance knock-outs are provided in the sides and bottom. The diffuser is opal Polycarbonate.

Pole mounting adaptor

One pole mounting adaptor provides facility for one or two fittings as shown in the post top version diagram. The assembly shows that a blanking off plate is used only when one fitting is installed. Recommended mounting height 3-6m/10-20ft

Spares

Provisions are made for spare anti-vandal bowls for the rare occasions when a replacement may be required.

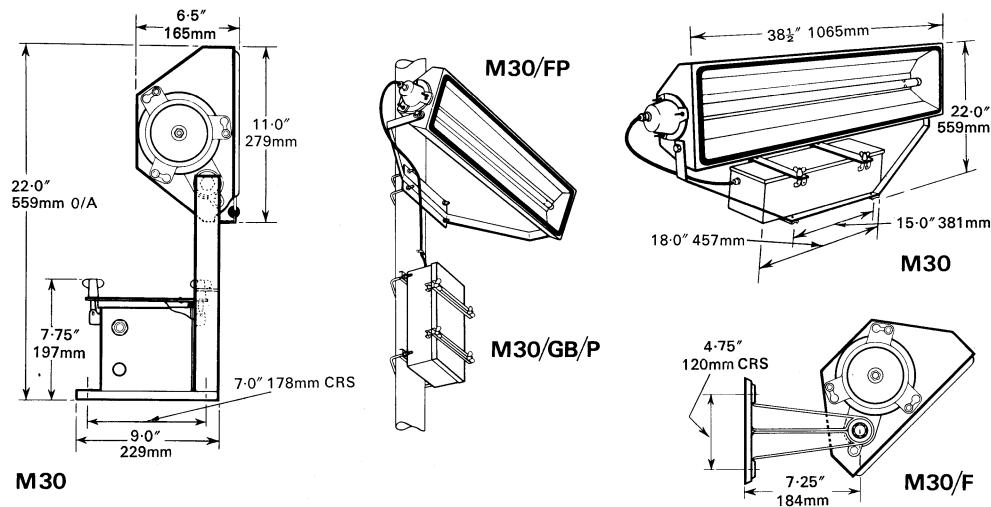
Range

Catalogue no.	Description	Weight		Lamp	Cap
		kg	lb		
OC 1080.4	80W Precinct c/w gear	4.1	9.039	MBF/U	ES
OC 1125.4	125W Precinct c/w gear	4.3	9.48	MBF/U	ES

Accessories and spares

Catalogue no.	Description	Weight	
		kg	lb
OCA 1/2	Adaptor mounting	1.59	3.505
OCV	Spare anti-vandal bowl	0.23	0.507
AMEL 1113	Spare lampholder	0.11	0.242

M30 linear sodium floodlight



M30

Description

The M30 floodlight is designed for general area lighting. The projector body is of heavy gauge zinc-coated sheet steel with internal specular reflector of aluminium. The armour plate glass front is secured in a rubber weatherproof sealing gasket. Access for servicing and lamp replacement is effected by removing the die-cast aluminium end cap which has three-way quick release keyhole slots.

Finish: stove enamel grey.
 Mounting cradle, wall brackets and pole clamps: mild steel strip cast aluminium LM6 and steel rod.
 Control gear box: heavy gauge galvanised steel fitted with a hinged lid, fully gasketed. A removable tray for control gear is supplied complete with mains terminal block.

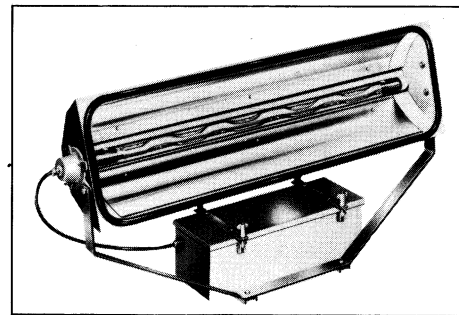
Finish: stove enamel grey.

Lamps

140W SLI/H linear sodium discharge
 200W SLI/H linear sodium discharge

Control Gear

Details of control gear can be found in Section 10.

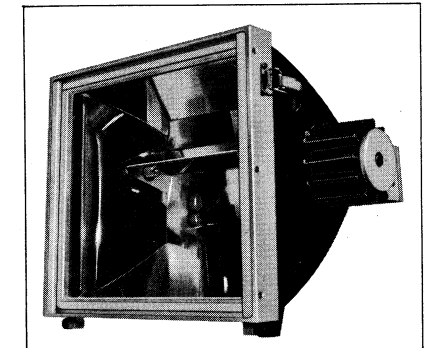
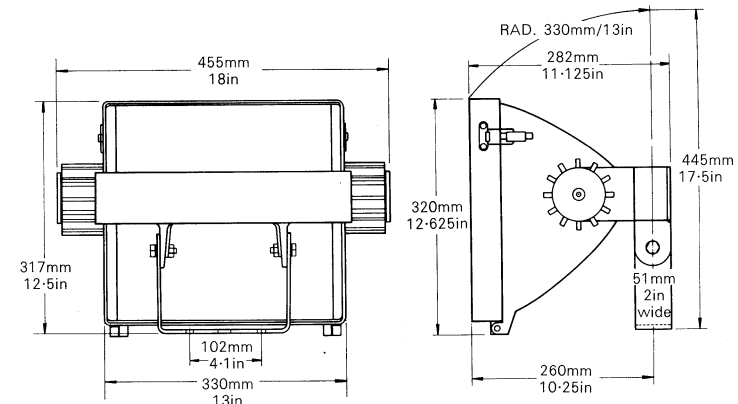


M30 linear sodium floodlight

Catalogue no.	Description	Weight	
		kg	lb
M30	Floodlight (excluding control gear); with gear box; floor mounting. comprising: 1 M30 TS 3116 flood housing 1 M30 TS 2885 side strap 1 M30 TG 2630 gear box	28-12*	62*
M30 F	Floodlight (excluding gear box); wall mounting comprising: 1 M30 TS 3116 flood housing 2 M30 TG 2586 wall bracket	12-03	26-5
M30 FP	Floodlight (excluding gear box); pole mounting comprising: 1 M30 TS 3116 flood housing 1 M30 TS 2885 side strap 1 M30 TG 3378 back plate 2 M30 TS 2585 pole clamps	15-42	34
M30 GBP	Gear box (excluding control gear) comprising: 1 M30 TG 2630 gear box 2 M30 TS 2585 pole clamps	16-78*	37*

*weight includes gear.

750/1600W MBIL floodlight



Description

The contoured asymmetric reflector, polished and anodised, is located between end plates cast in LM6 - M aluminium alloy. Cool chambers in the castings provide accommodation for special lampholders. At the rear of the reflector a cast chamber with a gasketed lid provides the wiring facilities. Mains entry is by a cable gland.

Lamp

750/1600W MBIL linear metal halide unjacketed tubular double-ended lamp with standard R7s cap. (Lamp data sheet available on request). The fitting is weatherproof. Additional light control is obtained from an internal extruded and polished aluminium baffle which can be removed for wider beam spread above peak, if required. Control gear is mounted remote.

Mounting and aiming

The fitting is provided with a stirrup which gives facilities for altering elevation and azimuth. A universal pole mounting bracket (OHA 4613) can be supplied.

Re-lamping

Access to the lamp for replacement is made through hinging down glass front.

Range

ON 1600 1.6 kW floodlight.
 Lamps ordered separately
 OHA 4613 universal pole clamp.

Catalogue no.	Description	Weight
ON 1600	Flood c/w stirrup (lamps ordered separately)	16lbs
OHA 4613	Clamp for 2in to 3 1/2in OD Pole	1lb
ONS	Spare front glass	
750W Gear Sets		
1-AME 53254.2	220V ballast	55lbs
4-AMEC 2236	220V capacitors	1-5lbs (each)
1-AME 53254.4	240V ballast	55lbs
4-AMEC 2236	240V capacitors	1-5lbs (each)
1600W Gear Sets		
2-AME 53254.2	220V ballast	55lbs
8-AMEC 2236	220V capacitors	1-5lbs (each)
2-AME 53254.4	240V ballast	55lbs
8-AMEC 2236	240V capacitors	1-5lbs (each)

Ballast Mounting

AMEM 6181 Mounting strap for weatherproof ballast
 AME 53254

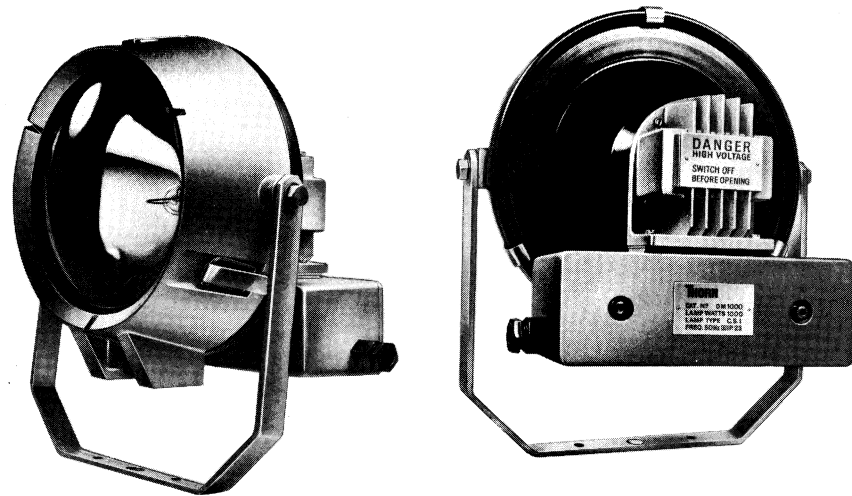
Weatherproof boxes for capacitors

750W—4 x AMEC 2236 (supplied loose)
 AME M6172 c/w Terminal block for wiring connection.
 1600W—6 x AMEC 2236 (supplied loose)
 AME M6174 c/w Terminal Block for wiring connections.

Capacitors for 440V if required

On 1600 with 1600 Watt Lamp
 One fitting—4 x AME C2271 17mfd 440V capacitors may be used by connecting phase to phase, or 57 mfd per fitting.
 On 1600 with 750W Lamp
 One fitting—2 x AME C2271 17mfd 440V

1000W CSI sealed beam floodlight



OM.1000.C 1kw floodlight and OMA stirrup.

Lamp
1000W Compact Source Iodide PAR 64 discharge lamp with special bi-post cap.

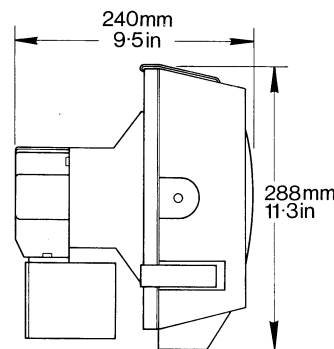
Description
The floodlight consists of two major assemblies: a glazing ring and a lamp and pulse starter housing assembly.

Glazing ring
Cast in LM6-M aluminium with mounting lugs. The glazing ring is secured to the lamp housing by three stainless steel toggle-catches. Glass can be either clear, stippled or prismatic.

Lamp/pulse starter housing
The bi-post lampholder is contained in a cast aluminium housing of LM6-M alloy and the lamp housing between the lampholder casting

and the glazing ring is spun aluminium, finished matt black. The pulse starter unit of LM6-M alloy is mounted under the lampholder housing. Mains entry is by a cable gland. Ballasts and capacitors are mounted remote.

Mounting
Mounting brackets give adjustment in azimuth and elevation. OMA: Stirrup assembly for mounting a single fitting. OMB4: Multi-way bracket for up to four fittings. A complete four lamp unit can be mounted in the same headframe space as an 0.6m/24in diameter floodlight.



RANGE

Catalogue no.	Description	Weights
OM 1000C	1kW floodlight with clear front glass	5.9 kg (13 lbs) with lamp
OM 1000P	1kW floodlight with prismatic front glass	5.9 kg (13 lbs) with lamp
OM 1000S	1kW floodlight with stippled front glass	5.9 kg (13 lbs) with lamp
OMA	Stirrup assembly	.9 kg (2 lbs)
OMB4	Multi-way mounting bracket assembly.	2.5 kg (5½ lbs)
OMG B6	Gear tray for remote indoor use with 6 ballasts	44.8 kg (99 lbs)
OMG C16	Gear tray for remote indoor use with 16 capacitors	23 kg (51 lbs)
OMG B3 C8	Gear tray for remote indoor use with 3 ballasts and 8 capacitors	35 kg (75 lbs)
OMC	Spare clear front glass	0.34 kg ¾ lb
OMP	Spare prismatic front glass	0.34 kg ¾ lb
OMS	Spare stippled front glass	0.34 kg ¾ lb
OHA 4613	Universal pole clamp	0.48 kg

Lamps are ordered separately with delay relay if required

Numbering system

Purpose

The purpose of the system is to provide an immediate and positive identification of a catalogue number in relation to range and description of the lantern.

Basic Principle

1. All items of streetlighting equipment are catalogued with prefix Q. This automatically locates the whole range in the same section of the Comprehensive Price List for easier location. It also gives an immediate statement of equipment type.

2. Second and third digits are initial letter and number of the lantern in the range description.

- e.g. A3 = Alpha 3
B4 = Beta 4
G3 = Gamma 3 etc.

3. A standard vocabulary of suffix letters, indicative of type detail, with or without gear, accessories or attachments etc., are included as appropriate in the catalogue number.

- e.g. S = Semi-cut-off
V = Anti-vandal bowl
B = With gear.

4. A system of four-digit number indicating no. of lamps and maximum wattage.

5. Where components making up a lantern are supplied as separate packages, each package has a catalogue number.

- e.g. Alpha 3 Canopy SCO with gear—QA3 B1400
Alpha 3 Gear tray 400W Kolorlux 240V 50Hz—QA3 B1400.4
Alpha 3 Lampholder bracket for 250/400W SCO—QA3 SL
Alpha 3 bowl assembly 250/400W SCO—QA3 D

6. When producing a complete fitting catalogue number, separate packages are indicated by an oblique stroke /.

The complete lantern Alpha 3 SCO with 400W Kolorlux becomes: QA3/SL/D/B1400.4 —indicating four packages. A further example would be: QB4 U1200 = Open Beta 4

canopy with lugs
B22 = 2 Pin BC lampholder
QB4 Y = Beta 4 refractor dome

The complete Beta 4 open lantern for GLS lamp then becomes: QB4 U/Y/1200B22—indicating three packages.

Secondary References:

- A. Auxiliary reflector
- B. With gear
- C. Cut off
- D. Acrylic bowl/diffuser/cylinder – clear or semi-obscured with or without refractor plates.
- E. Support assembly
- F. Small canopy
- G. Glass flat or bowl – clear or refractor
- H. Bowl ring
- I. Kolorarc (MBI/F)
- J. Canopy with lugs – enclosed type
- K. Triangular spigot (QLC columns)
- L. Lampholder/bracket assembly – AMEL, lampholder only
- M. Acrylic bowl – stippled or pinspot
- N. High pressure sodium (SON)
- O. Acrylic bowl or cylinder – opal
- P. PE cell socket
- S. Semi cut-off
- T. Top entry
- V. Anti-vandal bowl – clear, opal or prismatic
- W. Large canopy
- X. Refractor ring, symmetric
- Y. Refractor ring, asymmetric – glass or plastic
- Z. Refractor ring, asymmetric – inner portion only (QBI)

Suffix Numbers – Lamps and Wattages

- 1035 – 1 x 35W
 - 1055 – 1 x 55W
 - 1080 – 1 x 80W
 - 1090 – 1 x 90W
 - 1100 – 1 x 100W
 - 1125 – 1 x 125W
 - 1135 – 1 x 135W
 - 1140 – 1 x 140W
 - 1150 – 1 x 150W
 - 1200 – 1 x 200W
 - 1250 – 1 x 250W
 - 1400 – 1 x 400W
 - 2240 – 2 x 600mm/2ft 40W tubes
 - 2400 – 2 x 400W
 - 2500 – 2 x 500W
 - 3080 – 3 x 1500mm/5ft 80W tubes
 - 3400 – 3 x 400W
 - 4080 – 4 x 1500mm/5ft 80W tubes
 - 4240 – 4 x 600mm/2ft 40W tubes
- Where more than one lamp is available for a fitting, the largest wattage is used for the reference number.

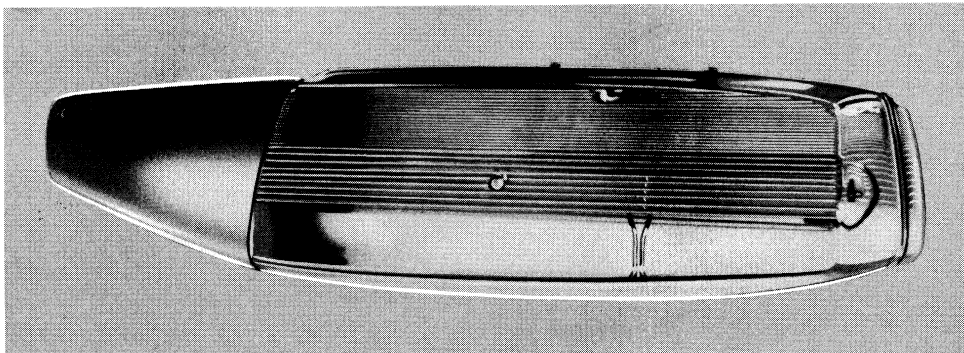
Suffix Numbers – Control Gear

- .4 – 240V 50 Hz
- .H – 230/250V tapped
- .T – 200/250V tapped

Suffix Numbers – Lampholders

- B22 – 2BC
 - B22-3 – 3BC
 - E27 – ES
- Mainly for reference information only.

Alpha One semi-cut-off sodium



QA1 E/D1090



Lamps

One 55W or 90W SOX sodium discharge lamp.

Distribution

Semi-cut-off DLOR 71%.

Specification

To BS 1788, Kite marked, DOE and COID approved.

The end support is LM6-M die-cast aluminium alloy. The opticell is injection moulded clear acrylic and hermetically sealed. Other components are of stainless steel or aluminium. Control gear is mounted remote.

Mounting

Side entry for 42 x 100mm.

Recommended mounting height : nominal 6-8m
Recommended spacing/height ratio : 4:1.

Catalogue no.

Complete lanterns

Lanterns comprise end support and opticell.

QA1 E/D1055 for 55W SOX.

QA1 E/D1090 for 90W SOX.

Packages

QA1 E End support assembly.
QA1 D1055 55W SOX opticell.
QA1 D1090 90W SOX opticell.

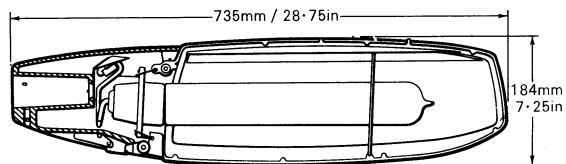
Control gear

Gear sets required for lanterns.

Lamp	Control gear
55W SOX	AME 53182.4 AME C2280
90W SOX	AME 53232.4 AME C2236

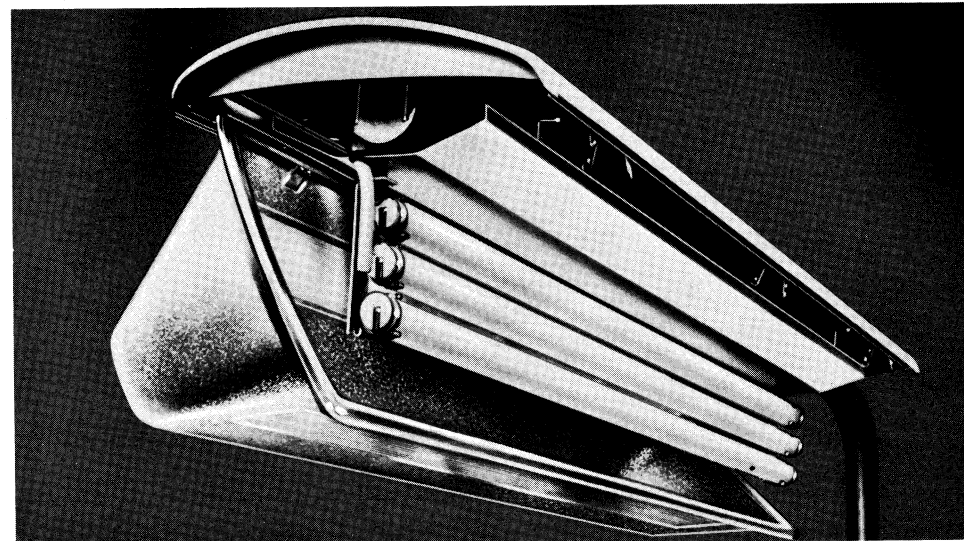


QA1 E/D1090 on QLC M0851 steel column



Overall width 241mm/9.5in
Weight 4.1kg/9lb
Windage area 0.121m²/1.3ft²

Alpha Two semi-cut-off fluorescent



QA2 D/B3080.4

Lamps

Three or four 1500mm/5ft 80W MCFA/U tubes 240V 50Hz.
Three or four 1500mm/5ft 80W MCFE/U tubes 240V 50Hz.

Distribution

Semi-cut-off asymmetric 2-way axial

Specification

The canopy is aluminium alloy sheet with LM6-M aluminium alloy end castings. The acrylic bowl has sealed-in refractor plates. Quick start control gear is mounted on a concealed tray and wired for either half-night or full-night operation.

Mounting

Side entry for 42 x 100mm spigot (mounting angle 10°).
Recommended mounting height : 9-10m
Average spacing/height ratio : 4.5:1.

Catalogue no.

Complete lanterns

Lanterns comprise canopy assembly (with gear) and a bowl assembly.
QA2 D/B3080.4 for 3 1500mm/5ft 80W MCFA/U or MCFE/U tubes.
QA2 D/B4080.4 for 4 1500mm/5ft 80W MCFA/U or MCFE/U tubes.

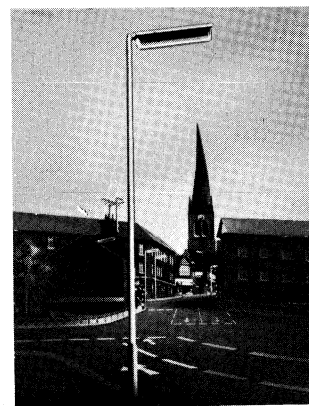
Packages

QA2 B 3080.4 Canopy assembly with gear for 3 lamps.
QA2 B 4080.4 Canopy assembly with gear for 4 lamps.
QA2 D Bowl assembly.

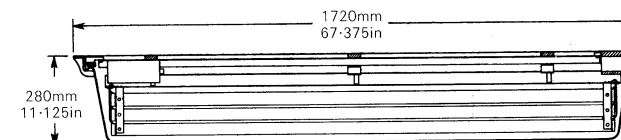
Control gear

Gear sets supplied with lantern.

Lamp	Control gear
80W MCFA/U or MCFE/U	AME 68022.4 (per lamp) AME C2222 (per lamp)

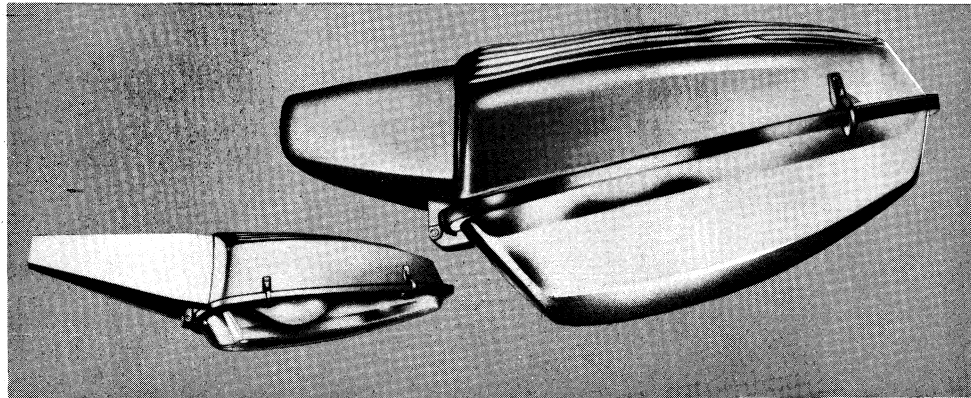


QA2 D/B3080.4 on QLC M0882 steel column



Overall width 370mm/14.875in
Weight 24.9kg/55 lb
Windage area 0.474m²/5.1ft²

Alpha Three mercury/metal-halide/Son lantern



QA3 DC/B1250.4

QA3 DS/1400

Lamps
 One 250W or 400W MBF/U or
 One 400W MBI/F or
 One 250W or 400W SON

Distribution
 (a) Cut-off
 (b) Semi-cut-off

Specification
 To BS.1788, Kite marked, DOE and COID approved. The canopy is pressed aluminium and painted white internally. End support/gear slipper with porcelain lampholder is in LM6-M die-cast aluminium alloy. Bowls are moulded in clear UV stabilized acrylic plastic. Control gear for 'less gear' lanterns is mounted remote.



Mounting

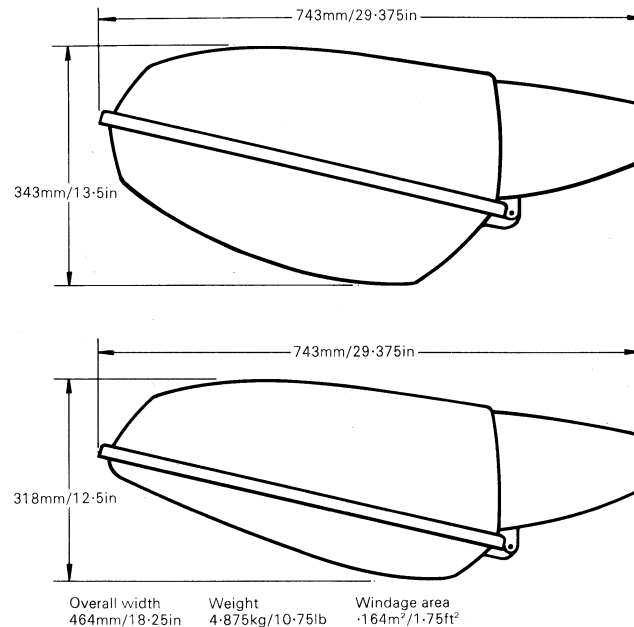
Side entry for:
 (a) 42/48mm ϕ horizontal spigot (less gear)
 (b) 42/48mm or 60mm ϕ horizontal spigot (with gear)

Recommended mounting height:
 nominal 8-12m.
 Average spacing/height ratio: 4-5:1 (SCO)
 3:1 (CO)

Catalogue no.

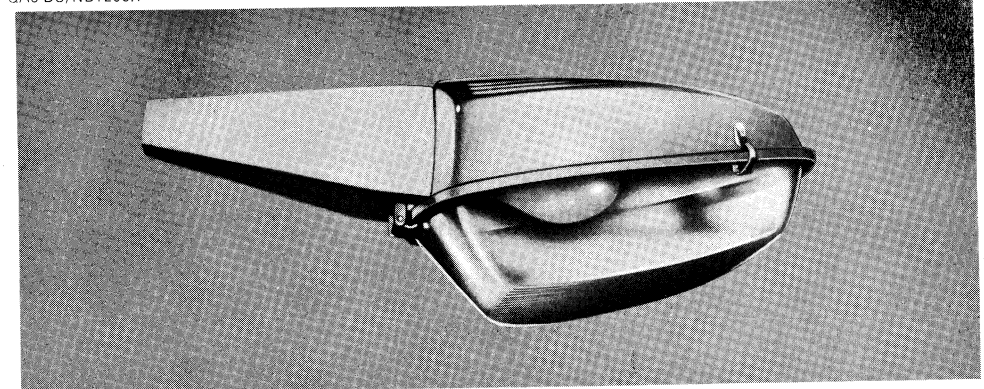
Complete Lanterns less gear

Lanterns comprise canopy assembly and bowl assembly:
 QA3.S.1400 Semi-cut-off lantern for 400w MBF/U, 400w SON, 400w MBI/F.
 QA3.S.1250 Semi-cut-off lantern for 250w MBF/U, 250w SON.
 QA3.C.1400 Cut-off lantern for 400w MBF/U, 400w SON, 400w MBI/F.
 QA3.C.1250 Cut-off lantern for 250w MBF/U, 250w SON.



Alpha Three mercury/metal-halide/Son lantern

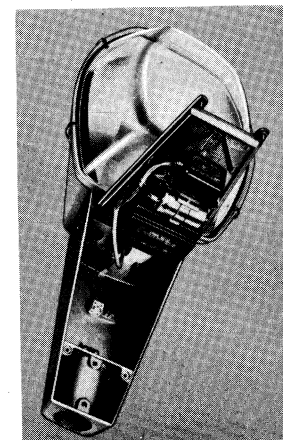
QA3 DS/NB1250.T



Complete lanterns with gear

Lanterns comprise canopy assembly, lampholder assembly, and bowl assembly.
 QA3.DS/L/B.1400.4 Semi-cut-off lantern for 400w MBF/U.
 QA3.DS/L/B.1250.4 Semi-cut-off lantern for 250w MBF/U.
 QA3.DC/L/B.1400.4 Cut-off lantern for 400w MBF/U.
 QA3.DC/L/B.1250.4 Cut-off lantern for 250w MBF/U.
 QA3.DS/L/NB.1400.T Semi-cut-off lantern for 400w SON.
 QA3.DS/L/NB.1250.T Semi-cut-off lantern for 250w SON.
 QA3.DC/L/NB.1400.T Cut-off lantern for 400w SON.
 QA3.DC/L/NB.1250.T Cut-off lantern for 250w SON.
 QA3.DS/L/IB.1400.T Semi-cut-off lantern for 400w MBI/F.
 QA3.DC/L/IB.1400.T Cut-off lantern for 400w MBI/F.
 For 'with gear' lanterns requiring 60mm ϕ spigot, add '60' to catalogue no. (e.g. QA3 DS/L/60B 1400.4).

QA3 DS/B1250.4



Packages

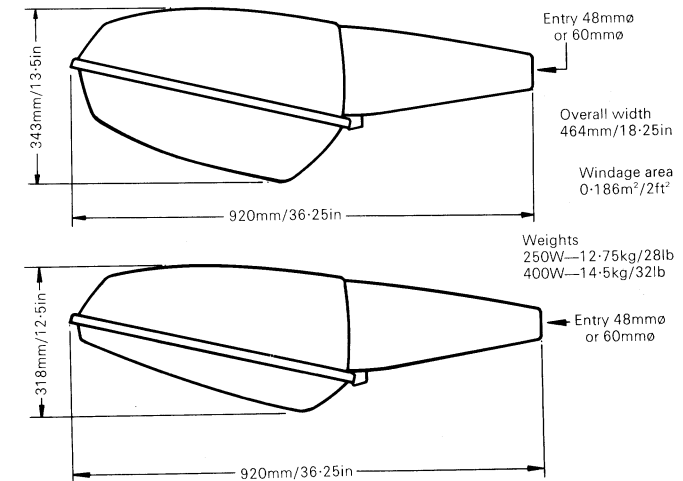
QA3 B1400.4 Canopy complete with gear for 400w MBF/U 240V
 QA3 B1250.4 Canopy complete with gear for 250w MBF/U 240V
 QA3 NB1400T Canopy complete with gear for 400w SON 240V
 QA3 NB1250.T Canopy complete with gear for 250w SON 240V
 QA3 IB1400.T Canopy complete with gear for 400w MBI/F 240V
 QA3 1400 Canopy, less gear
 QA3 DS Bowl assembly SCO
 QA3 DC Bowl assembly CO
 QA3.SL.1400 Lampholder assembly for 400w SCO with gear
 QA3.SL.1250 Lampholder assembly for 250w SCO with gear
 QA3.CL.1400 Lampholder assembly for 400w CO with gear
 QA3.CL.1250 Lampholder assembly for 250w CO with gear

Control gear

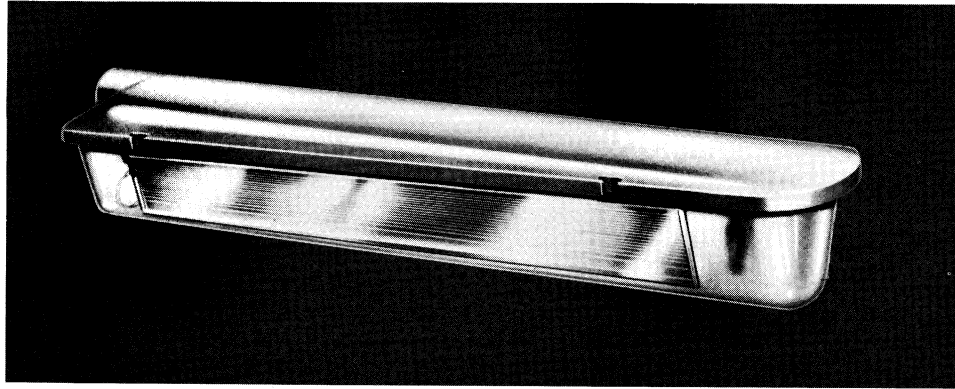
Gear sets required for 'less gear' lanterns and supplied for 'with gear' lanterns.

Lamp	Control gear
250W MBF/U	AME 53198.4* AME C2214
400W MBF/U	AME 53193.4* AME C2218
400W MBI/F	AME 53193.T* AME 53282
250W SON	AME 53251.T AME 53282
400W SON	AME C2235 AME 53230.T AME 53282 2 x AME C2218

*To BS.4782, Kite marked



Alpha Five semi-cut-off sodium



QA5.1200



Lamps

One 140W or 200W SLI/H sodium discharge lamp.

Distribution

Semi-cut-off DLOR 75%.

Specification

To BS.1788, Kite marked and DOE approved. The canopy of LM6-M die-cast aluminium alloy incorporates an aluminium reflector. The acrylic bowl has sealed-in refractor plates. Control gear is mounted remote.

Mounting

Side entry for 42 x 100mm/1-649 x 3-9in spigot. Recommended mounting height: 10-12m. Average spacing/height ratio: 4:1.

Catalogue no.

Complete lanterns

Lanterns comprise canopy assembly and bowl. QA5 1200 for 140W or 200W SLI/H lamp.

Replacement bowls

QA5 D1200 Bowl assembly for 140W or 200W SLI/H lamp.

Control gear

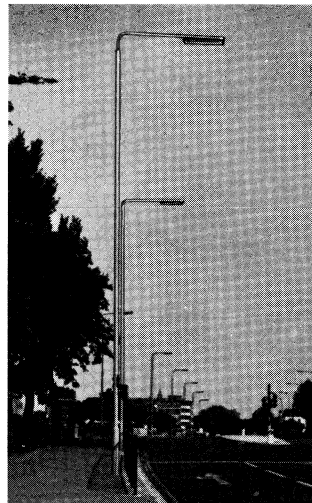
Gear sets required for lanterns.

Lamp

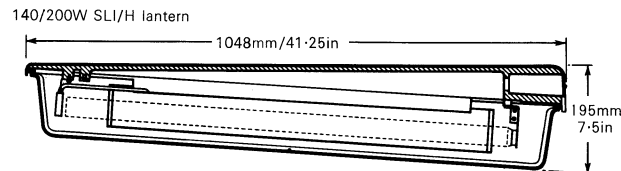
140 SLI/H
200 SLI/H

Control gear

AME 53232.4
AME C2218
AME 53172.T
AME C2235



QA5 1200 on QLC M0887 steel column

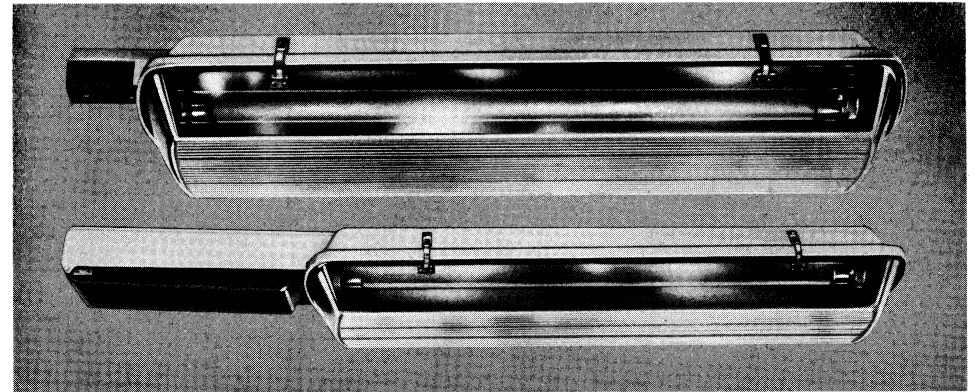


Overall width: 260mm/10.25in
Weight: 4.62kg/10.25lb

Windage area: 0.167m²/1.8ft²

Alpha Six cut-off sodium

QA6 D/1200



QA6 D/B1140.4

Lamps

One 140W or 200W SLI/H lamp.

Distribution

Cut-off DLOR 65% 140W, 77% 200W.

To BS.1788, Kite marked, DOE and COID approved. The canopy is GRP and the bowl is UV stabilized acrylic. End supports are LM6-M aluminium alloy, the cover for the geared version being Polypropylene. The control gear for 'less gear' lanterns is mounted remote.

Mounting

Side entry for 42 x 110mm/1-649 x 3-9in spigot. Recommended mounting height: 10-12m/32-8-39ft. Average spacing/height ratio: 3:1.

Catalogue no.

Complete lanterns less gear

Lanterns comprise canopy assembly and bowl. QA6 D/1140 for 140W SLI/H lamp. QA6 D/1200 for 200W SLI/H lamp.

Complete lanterns with gear

Lanterns comprise canopy assembly (with gear) and bowl. QA6 D/B1140.4 for 140W SLI/H lamp. QA6 D/B1200.T for 200W SLI/H lamp.

Packages

QA6 1140 Canopy/end support assembly for 140W SLI/H ('less gear' version). QA6 1200 Canopy/end support assembly for 200W SLI/H ('less gear' version). QA6 B1140.4 Canopy/end support assembly (with gear for 140W SLI/H). QA6 B1200.T Canopy/end support assembly (with gear for 200W SLI/H). QA6 D Bowl assembly.

Control gear

Gear sets required for 'less gear' lanterns, and supplied for 'with gear' lanterns.

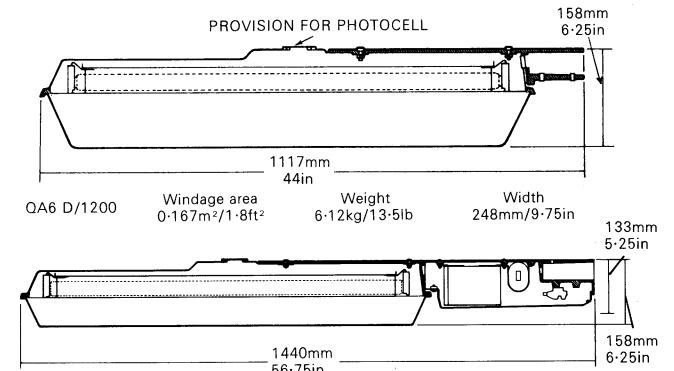
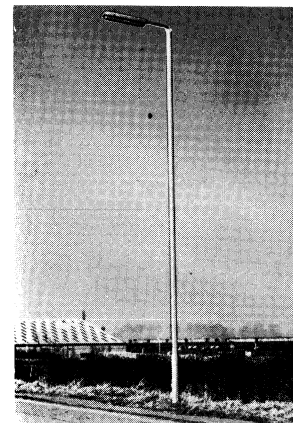
Lamp

140W SLI/H
200W SLI/H

Control gear

AME 53232.4
AME C2218
AME 53261.T
AME C2355

QA6 D/1200 on QLC M0887 column



QA6 D/1200

Windage area
0.167m²/1.8ft²

Weight
6.12kg/13.5lb

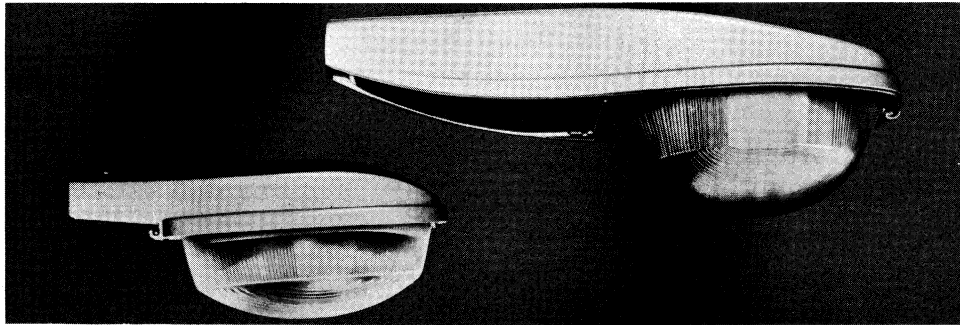
Width
248mm/9.75in

QA6 D/B.1200.T

Windage area
0.223 sq m. (2.4 sq ft)

Weight
19.07kg/42lbs

Alpha Seven mercury fluorescent



QA7 G/1400

QA7 G/B1250.4

Lamps

- a) One 250W or 400W MBF/U lamp.
- b) One 400W MBI/F lamp (less gear only).
- c) One 250W or 400W SON lamp (less gear only).

Distribution medium angle

Main beam at 76° from downward vertical.

Specification

The canopy (and gear housing in geared version) is a one-piece LM6-M aluminium alloy-casting, enamelled white internally. Refractor bowl is of heat resisting glass. The gear housing cover is of BA.213 aluminium alloy. Control gear for 'less gear' lanterns is mounted remote.

Mounting

Side entry for 42 x 110mm/ spigot.

Recommended mounting height: 8-12m

Average spacing/height ratio: 4:5:1.



QA7 G/1400 on Q8F concrete column

Catalogue no.

Complete lantern less gear

Lantern comprises canopy and bowl.
QA7 G/1400 for 250/400W MBF/U, 250/400W SON and 400W MBI/F.

Complete lanterns with gear

Lanterns comprise canopy, gear and bowl.
QA7 G/B 1250.4 for 250W MBF/U.
QA7 G/B 1400.4 for 400W MBF/U.

Packages

- QA7 1400 Canopy assembly (less gear lantern).
- QA7 B 1250.4 Canopy assembly with gear.
- QA7 B 1400.4 Canopy assembly with gear
- QA7 G Glass bowl.

Control gear

Gear sets required for 'less gear' lanterns and supplied for 'with gear' lanterns.

Lamp

250W MBF/U

400W MBF/U

400W MBI/F (less gear only)

250W SON (less gear only)

400W SON (less gear only)

Control gear

AME 53158.4

AME C2214

AME 53157.4

AME C2218

AME 53193.T

AME 53262

AME C2218

AME 53251.T

AME 53262

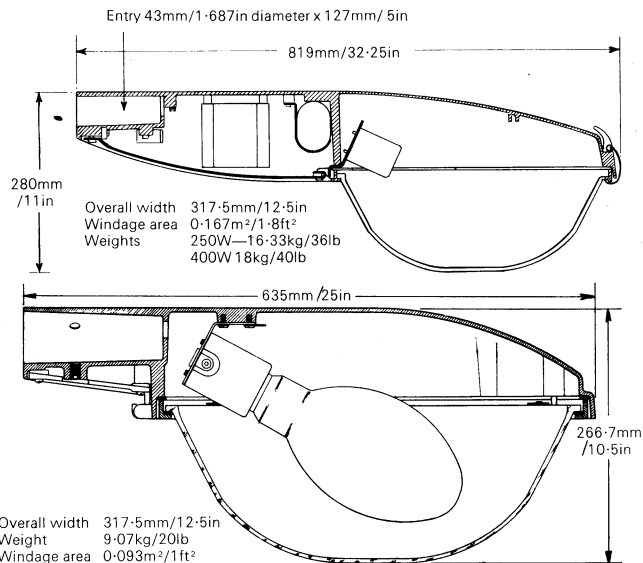
AME C2235

AME 53230.T

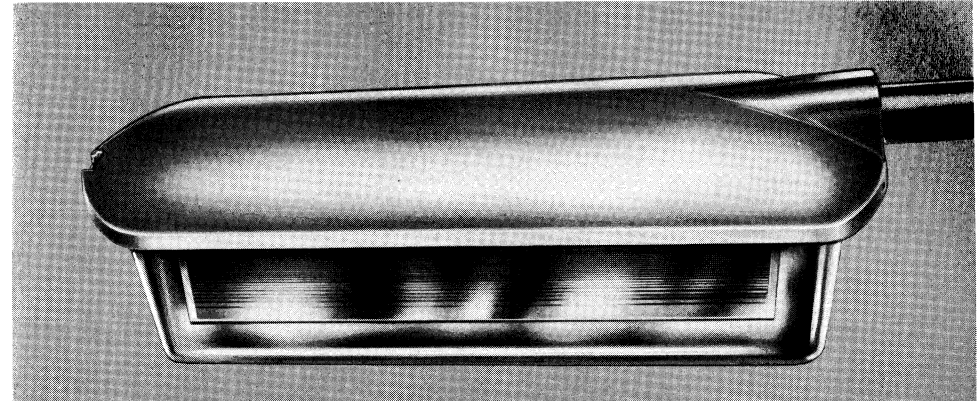
AME 53262

AME C2218

(2 per)



Alpha Nine semi-cut-off sodium



QA9 D B 1090.H

Lamp

One 90W SOX sodium discharge lamp.

Distribution

Semi-cut-off DLOR 60%.

Specification

To BS.1788, Kite marked and DOE approved.

The canopy is of LM6-M aluminium alloy with a porcelain BC lampholder. The bowl is UV stabilized acrylic with bonded internal refractor plates. The control gear is mounted on the canopy of the 'with gear' lantern. Control gear for 'less gear' lantern is mounted remote.



QA9 D 1090 on QLC M0887 column

Mounting

Side entry for 42 x 100mm spigot.

1.649 x 3.9in

Recommended mounting height

8-10m

Average spacing/height ratio: 4:5.

Catalogue no.

Complete lantern less gear

Lantern comprises canopy assembly and bowl assembly.

QA9 D 1090 for 90W SOX.

Complete lantern with gear

Lantern comprises canopy assembly with gear and bowl assembly.

QA9 D B 1090.H for 90W SOX.

Spare bowls

QA9 D Bowl assembly for 'less gear' lantern.

QA9 D B Bowl assembly for 'with gear' lantern.

Control gear

Gear sets required for 'less gear' lantern and supplied for 'with gear' lanterns.

Lamp

90W SOX

90W SOX (less gear only)

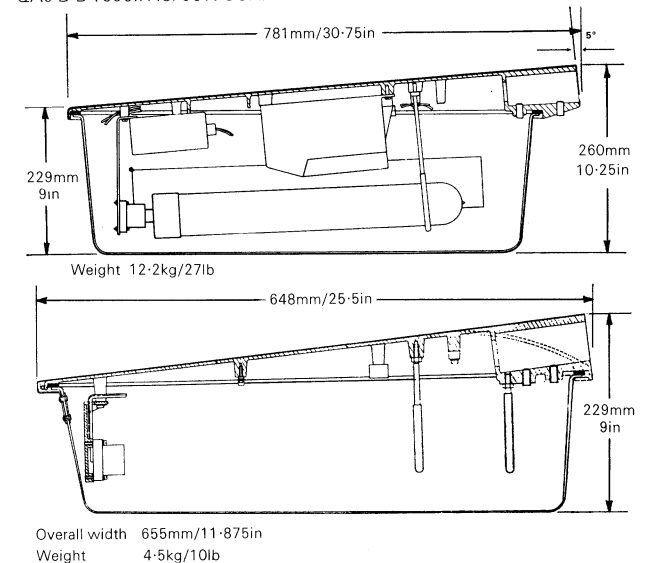
Control gear

AME 53178.H

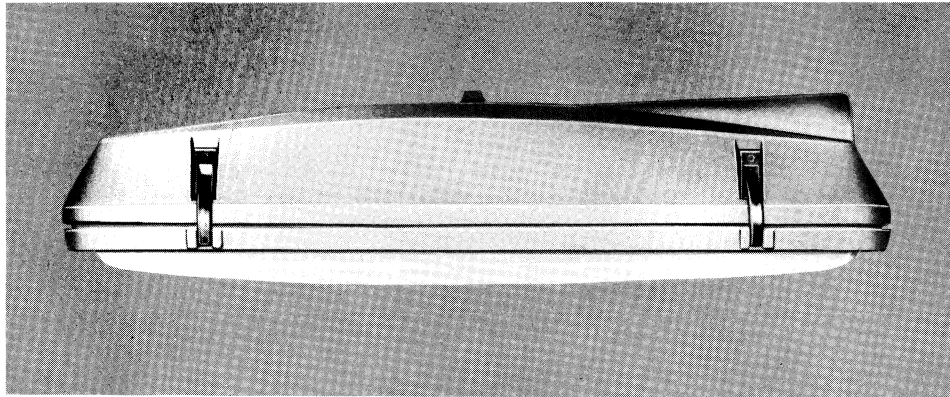
AME C2236

AME 53232.4

AME C2236



Alpha Ten cut-off sodium



QA10 1090

Lamps

One 55W or 90W SOX sodium discharge lamp.

Distribution

Cut-off DLOR 61%.

Specification

To BS.1788. The canopy and bowl-ring are LM6-M aluminium alloy, the reflector is formed from aluminium and the bowl is vacuum formed clear acrylic. The control gear is mounted remote.

Mounting

Side entry for 42 x 100mm spigot.

Recommended mounting height: 6-8m

Average spacing/height ratio: 4:1.

Catalogue no.

Complete lanterns

Lanterns comprise canopy assembly and bowl.

QA10 1055 for 55W SOX.

QA10 1090 for 90W SOX.

Replacement bowl

QA10 D Bowl.

Control gear

Gear sets required for lanterns.

Lamps

55W SOX

90W SOX

Control gear

AME 53182.4

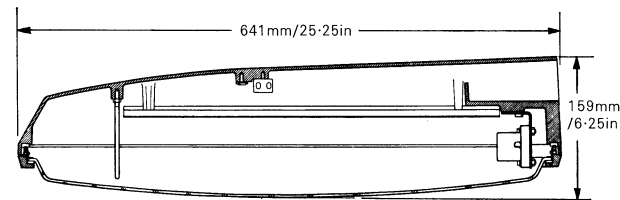
AMEC2280

AME 53232.4

AMEC2236

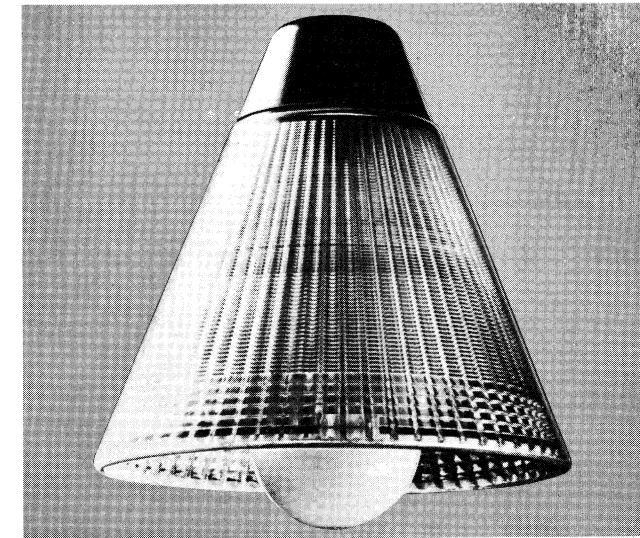


QA10 1090 on 8 m. steel column



Overall width 501mm/19.75in
Weight 6.58kg/14.5lb
Windage area 6923mm²/107.31in²

Beta One open lantern



QB1.Y/1150/B22

Lamps

a) One 100W or 150W GLS tungsten filament lamp.

b) One 80W or 125W MBF/U lamp.

Distribution

Axially asymmetric.

Specification

To BS.1788 and COID approved.

The refractors are clear injection moulded acrylic and the gallery cap black pastic. Gallery is of LM6-M aluminium alloy and the lampholder is porcelain. Control gear for MBF/U lamps is mounted remote.

Mounting

Top entry for 19mm/3/8in BSP threaded nipple.

Recommended mounting height: 5m/16.4ft.

Average spacing/height ratio: 6:1.

Catalogue no.

Complete lanterns

Lanterns comprise gallery, refractor and lampholder assembly.

QB1 Y/1150/B22 for 100/150W GLS

QB1 Y/1150/E27 for 150W GLS or 80/125W MBF/U.

QB1 Y/1150/B22-3 for 80/125W MBF/U.

Packages

QB1 1150 Gallery assembly.

QB1 Y Asymmetric refractor.

AMEL 1047 Lampholder assembly (2BC).

AMEL 1087 Lampholder assembly (ES).

AMEL 1086 Lampholder assembly (3 BC).

Control gear

Gear sets required for discharge lamps in lanterns.

Lamp

80W MBF/U

125W MBF/U

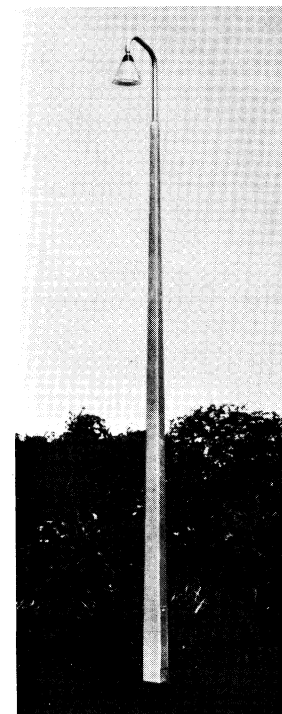
Control gear

AME 53162.4

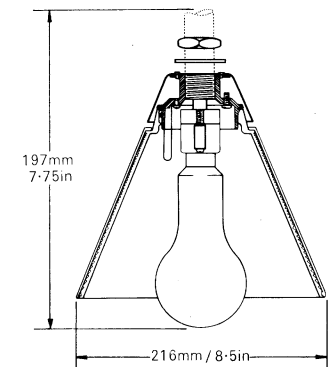
AME C2234

AME 53159.4

AME C2234

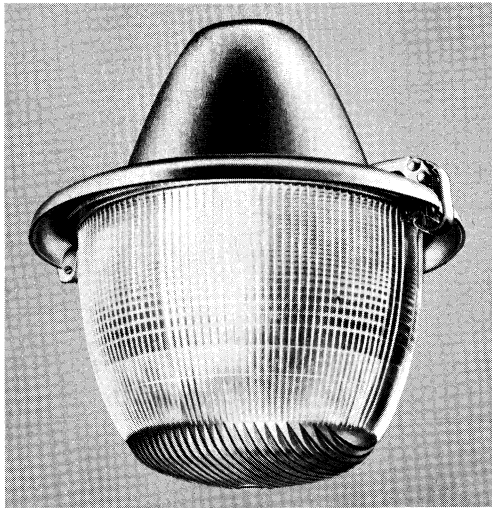


QB1.Y/1150/E27 on a QLC1 steel column

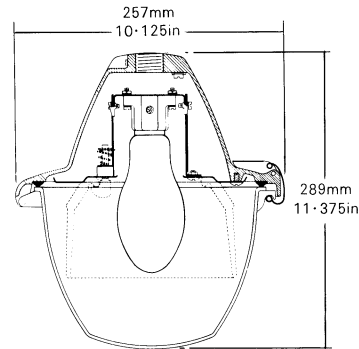


Weight 0.79kg/1.75lb

Beta Four top entry GLS/mercury



QB4 V/1200/B22-3



Weight 2.83kg/6.25lb

Lamps

- a) One 60, 100, 150 or 200W GLS tungsten filament lamp.
b) One 80W or 125W MBF/U lamp.

Specification

To BS.1788.

The canopy is LM6-M aluminium alloy and the refractor bowl is either UV stabilised acrylic or polycarbonate. The refractor for open lanterns is glass. Control gear for MBF/U lamps is mounted remote.

Mounting

Top entry for 19mm/3/4in BSP threaded nipple.

Recommended mounting height: 5m

Average spacing/height ratio: 6:1.

Catalogue no.

Complete lanterns (open)

- QB4 U/Y/1200/B22 for 60/150W GLS
QB4 U/Y/1200/E27 for 150/200W GLS or 80/125W MBF/U
QB4 U/Y/1200/B22-3 for 80/125W MBF/U

Complete lanterns (enclosed)

- QB4 D/1200/B22 Lantern with acrylic bowl for 60/150 GLS.
QB4 D/1200/E27 Lantern with acrylic bowl for 80/125W MBF/U.
QB4 D/1200/B22-3 Lantern with acrylic bowl for 80/125W MBF/U.
QB4 V/1200/B22 Lantern with anti-vandal bowl for 60/150W GLS.
QB4 V/1200/E27 Lantern with anti-vandal bowl for 150W GLS or 80/125W MBF/U.
QB4 V/1200/B22-3 Lantern with anti-vandal bowl for 80/125W MBF/U.

Packages

- QB4 1200 Canopy assembly (for bowl)—enclosed.
QB4 U 1200 Canopy assembly (for refractor)—open.
QB4 D Acrylic refractor bowl.
QB4 V Polycarbonate refractor bowl.
QB4 Y Glass refractor dome.
AMEL 1085 Lampholder (2BC-B22).
AMEL 1086 Lampholder (3BC-B22-3).
AMEL 1087 Lampholder (ES-E27).

Control gear

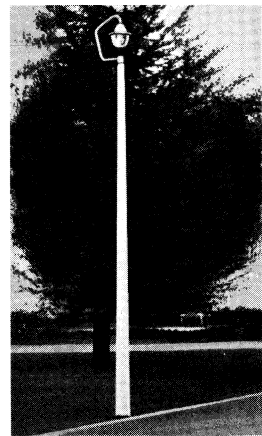
Gear sets required for discharge lamps in lanterns.

Lamp

- 80W MBF/U
125W MBF/U

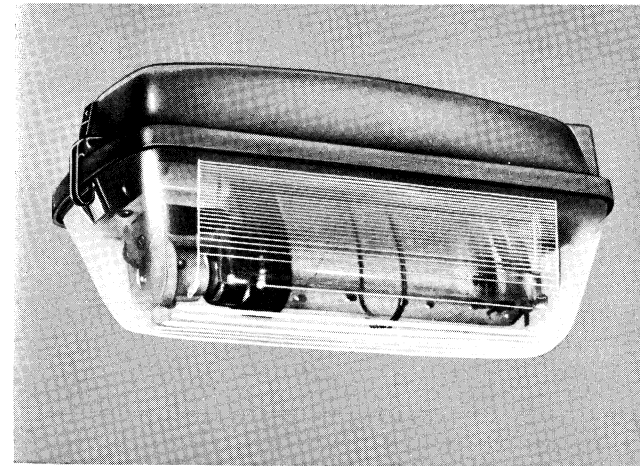
Control gear

- AME 53162.4
AME C2234
AME 53159.4
AME C2234.



QB4 D/1200/E27 on LC1/LC9 Leader column

Beta Five sodium lantern



QB5D/1"1035

Lamp

One 35W SOX sodium discharge lamp.

Specification

To BS.1788

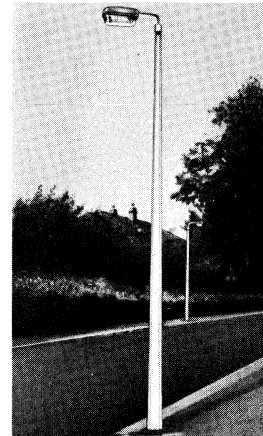
The canopy/gear housing and bowl ring are LM6-M aluminium alloy. Bowls are either acrylic or vandal-resistant plastic with bonded internal refractor plates. Gear can be mounted remote with 'less gear' lanterns.

Mounting

Side entry for 34x80mm or 27x80mm spigot.
Top entry for 3/4" or 1" BSP threaded.

Recommended mounting height: 5m/16ft.

Average spacing/height ratio: 6:1.
QB5D/1"B.1035.4 on a QLC1 column



Catalogue no.

Complete lanterns less gear

Lanterns comprise canopy assembly and bowl assembly.
QB5.D/1" 1035—1" BSP (34mmø) side entry with acrylic bowl for 35W SOX
QB5.T.D/3/4" 1035—3/4" BSP threaded top entry with acrylic bowl for 35W SOX
For lanterns requiring anti-vandal bowl replace 'D' with 'V'.

Complete lanterns with gear

Lanterns comprise canopy/gear assembly and bowl assembly.
QB5.D/1" B.1035.4—1" BSP (34mmø) side entry with acrylic bowl for 35W SOX
QB5.D/3/4" B.1035.4—3/4" BSP (27mmø) side entry with acrylic bowl for 35W SOX
QB5.TD/3/4" B.1035.4—3/4" BSP threaded top entry with acrylic bowl for 35W SOX
QB5.TD/1" B.1035.4—1" BSP threaded top entry with acrylic bowl for 35W SOX
For lanterns requiring anti-vandal bowl, replace 'D' with 'V'.

Packages

- QB5.1" 1035—1" BSP (34mmø) side entry canopy (less gear)
QB5.3/4" 1035—3/4" BSP (27mmø) side entry canopy (less gear)
QB5.T.3/4" 1035—3/4" BSP threaded top entry canopy (less gear)
QB5.T.1" 1035—1" BSP threaded top entry canopy (less gear)
QB5.1" B.1035.4—1" BSP (34mmø) side entry canopy (with gear)
QB5.3/4" B.1035.4—3/4" BSP (27mmø) side entry canopy (with gear)
QB5.T.3/4" B.1035.4—3/4" BSP threaded top entry canopy (with gear)
QB5.T.1" B.1035.4—1" BSP threaded top entry canopy (with gear)
QB5.D—Acrylic bowl assembly
QB5.V—Anti-vandal bowl assembly

Control gear

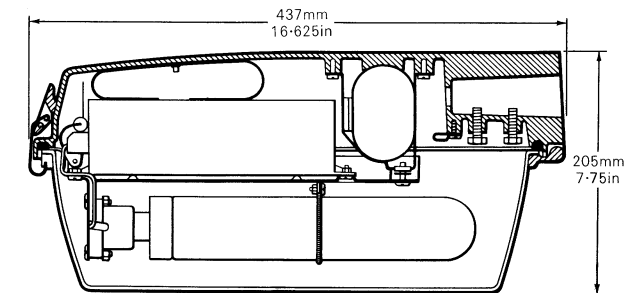
Gear sets required for 'less gear' lanterns and supplied for 'with gear' lanterns.

Lamp

- 35W SOX (less gear)
35W SOX (with gear)

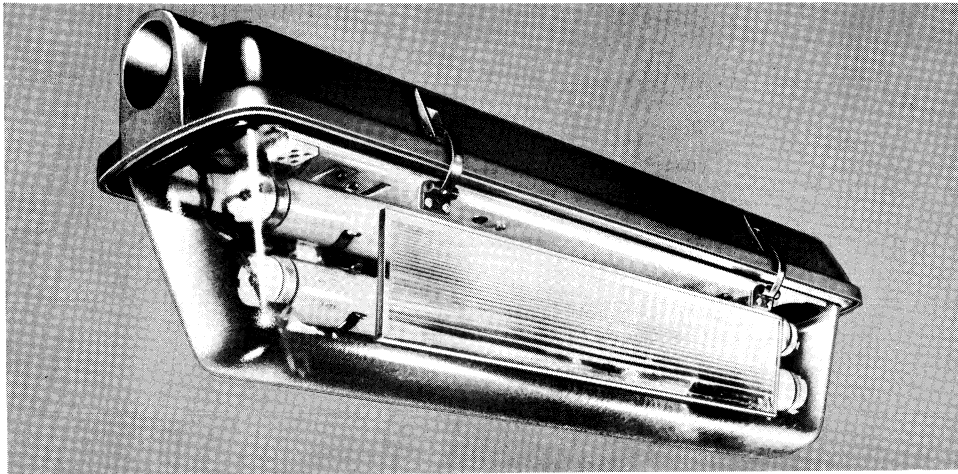
Control gear

- AME 53131.H
AME C2280
AME 53181.4
AME C2280



Overall width: 160mm/6.25in
Weight: 7.25kg/16lb
Windage area: 0.81m²/0.875 ft²

Beta Six side entry fluorescent



QB6 D/B2240.4

Lamps

- a) Two 40W 600mm/2ft MCFA/U tubes 240V 50Hz.
- b) Two 40W 600mm/2ft MCFE/U tubes 240V 50Hz.

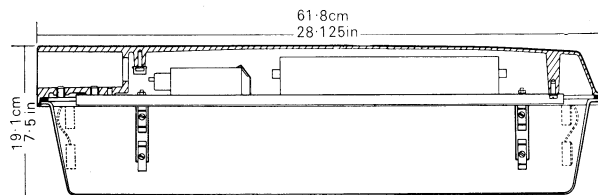
Specification

To BS.1788.
The canopy of LM6-M aluminium alloy houses the control gear on a sheet steel tray (enamelled white). The bowl is Darvic or acrylic with internal bonded refractor plates.

Mounting

Side entry for 42 x 100mm spigot.

Recommended mounting height : 5m
Average spacing/height ratio : 6 : 1.



Overall width: 17.1cm (6.75in)
Weight: 7.0kg (15½lb)
Windage area: 0.13 sq m (1.4 sq ft)

Catalogue no.

Complete lanterns with gear
Lanterns comprise canopy assembly and bowl assembly.
QB6 D/B2240.4 Lantern with

- acrylic bowl for 2 600mm/2ft 40W MCFE/U or MCFA/U.
- QB6 V/B2240.4 Lantern with anti-vandal bowl for 2 600mm/2ft 40W MCFE/U or MCFA/U.

Packages

- QB6 B2240.4 Canopy with gear and gear tray.
- QB6 D Bowl assembly (acrylic).
- QB6 V Bowl assembly (Darvic anti-vandal).

Control gear

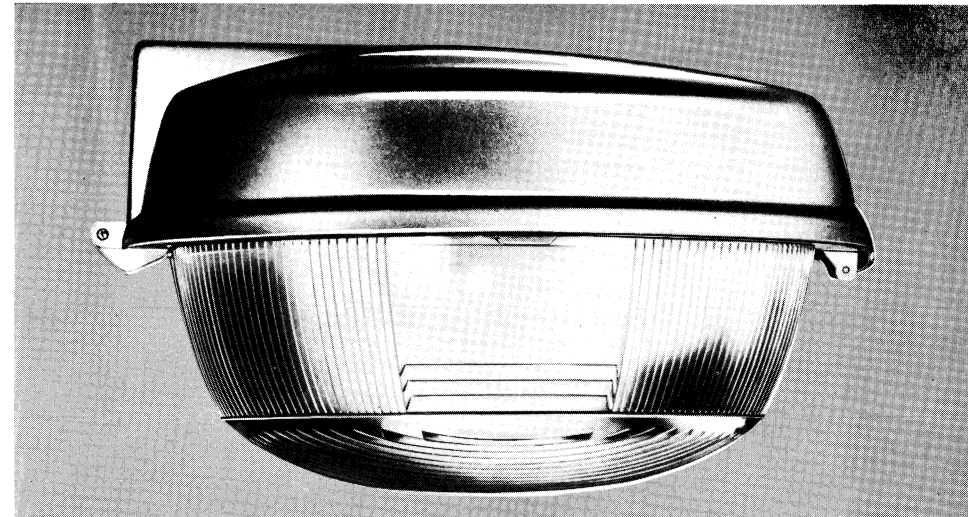
Gear set supplied with lantern.

- | | |
|-------------|---------------------|
| Lamp | Control gear |
| 40W MCFA/U | AME 69082.4 |
| or MCFE/U | AME C2222 |



QB6 V/B2240.4 on steel column

Beta Seven side entry mercury



QB7 G/1125 E27

Lamps

One 80W or 125W MBF/U lamp.

Specification

To BS.1788.
The canopy/body is LM6-M aluminium alloy and the bowl can be either glass or CAB anti-vandal plastic. Control gear for MBF/U lamps is mounted remote.

Mounting

Side entry for 34 x 80mm/ 1.337 x 3.15in spigot.
Recommended mounting height : 5m/16.4ft.
Average spacing/height ratio : 6 : 1.



QB7 V/1125 E27 on QLCG Leader aluminium column

Catalogue no.

Complete lanterns

Lanterns comprise a body assembly and a bowl assembly.

- QB7 G/1125 B22-3 Lantern with glass bowl for 80/125W MBF/U.
- QB7 G/1125 E27 Lantern with glass bowl for 80/125W MBF/U.
- QB7 V/1125 B22-3 Lantern with vandal bowl for 80/125W MBF/U.
- QB7 V/1125 E27 Lantern with vandal bowl for 80/125W MBF/U.

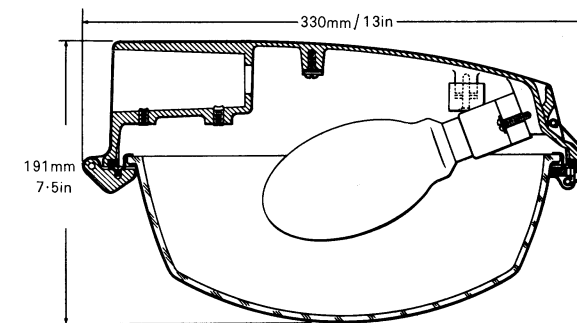
Packages

- QB7 1125 B22-3 Body assembly (3BC lampholder)
- QB7 1125 E27 Body assembly (ES lampholder).
- QB7 G Bowl assembly (glass).
- QB7 V Bowl assembly (CAB anti-vandal).

Control gear

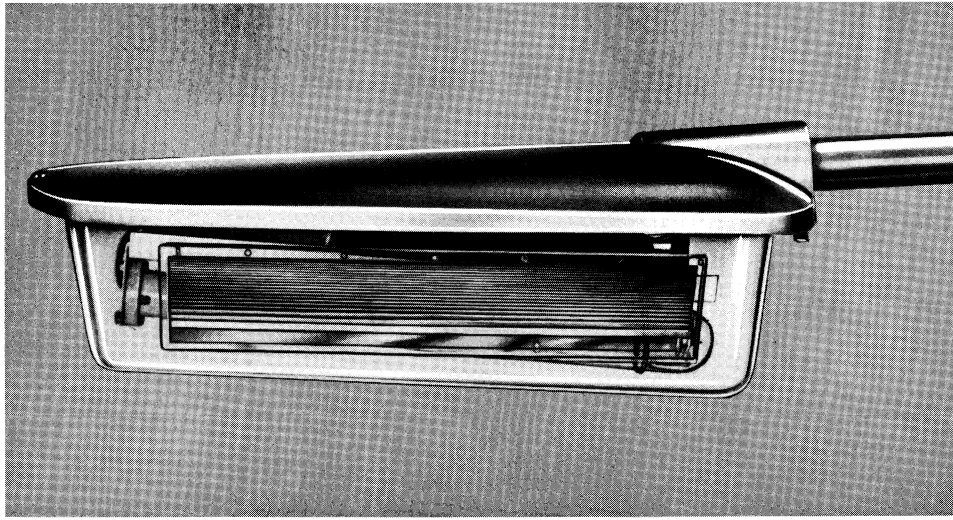
Gear sets required for discharge lamps in lanterns.

- | | |
|-------------|----------------|
| Lamp | Control |
| 80W MBF/U | AME 53162.4 |
| | AME C2234 |
| 125W MBF/U | AME 53159.4 |
| | AME C2234 |



Overall width: 270mm/10.625in
Weight: 3.74 kg/8.25 lb.

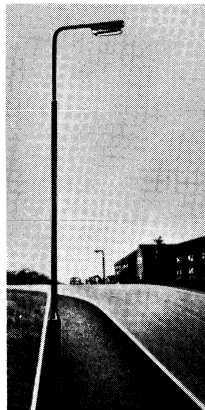
Beta Eight side entry sodium



QB8 V/B1055.4

Lamp
One 55W SOX sodium discharge lamp.

Specification
To BS.1788.
The canopy is of LM6-M aluminium alloy with a porcelain lampholder. The bowl can be either UV stabilized acrylic or CAB plastic. Both bowls have bonded internal refractor plates. The control gear for 'with gear' lanterns is mounted on a gear tray in the canopy. Control gear for 'less gear' lanterns is mounted remote.



QB8 D/1055 with QLCM 6m/15-2ft steel column

Mounting
Side entry for 34 x 80mm/1-337 x 3-15in spigot.
Recommended mounting height: 5m/16-4ft.
Average spacing/height ratio: 6:1.

Catalogue no.
Complete lanterns less gear
Lanterns comprise a canopy assembly and a bowl assembly.
QB8 D/1055 Lantern with acrylic bowl for 55W SOX.
QB8 V/1055 Lantern with vandal bowl for 55W SOX.

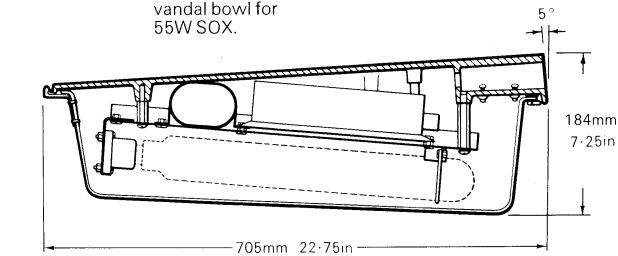
Complete lanterns with gear
Lanterns comprise a canopy assembly (with control gear) and a bowl assembly.
QB8 D/B1055.4 Lantern with acrylic bowl for 55W SOX.

QB8 V/B1055.4 Lantern with vandal bowl for 55W SOX.

Packages
QB8 1055 Canopy assembly (less gear).
QB8 B1055.4 Canopy assembly (with gear).
QB8 D Bowl assembly (acrylic).
QB8 V Bowl assembly (CAB anti-vandal).

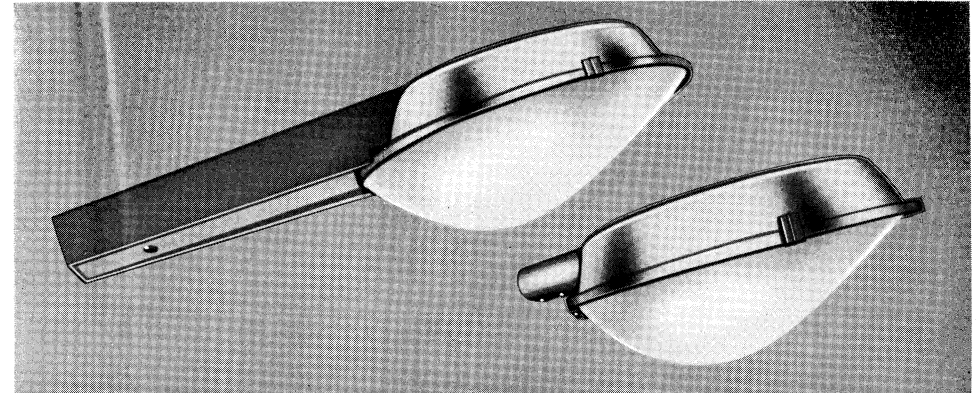
Control gear
Gear sets required for 'less gear' lantern and supplied for 'with gear' lantern.

Lamp
55W SOX (less gear) AME 53131.H
55W SOX (with gear) AME 53181.4 AME C2280



Width: 242mm/9-5in
Weight: 8-63kg/19-25lb
Windage area: 0-107m²/1-15ft²

Beta Nine side entry mercury



QB9 V/B1125.4

QB9 M/1200/E27

Lamps
a) One 100W, 150W or 200W GLS tungsten filament lamp.
b) One 80W or 125W MBF/U lamp.

Specification
To BS.1788.
The canopy is an aluminium pressing and both gear slipper and support castings are LM6-M aluminium alloy. The bowls are either Pinpoint acrylic or CAB anti-vandal plastic. Control gear for 'less gear' lantern is mounted remote.

QB9V/1200/E27 on QLC1/QLCG Leader aluminium column/bracket



Mounting
Side entry for 34 x 80mm/ spigot.
Recommended mounting height: nominal 5m.
Average spacing/height ratio: 6:1.

Catalogue no.
Complete lantern less gear
Lanterns comprise a canopy assembly, bowl assembly and a lampholder.
QB9 M/1200/B22-3 Lantern with acrylic bowl for 80/125W MBF/U.
QB9 M/1200/E27 Lantern with acrylic bowl for 80/125W MBF/U or 150/200W GLS.
QB9 M/1200/B22 Lantern with acrylic bowl for 100/150W GLS.
QB9 V/1200/B22-3 Lantern with vandal bowl for 80/125W MBF/U.
QB9 V/1200/E27 Lantern with vandal bowl for 80/125W MBF/U or 150/200W GLS.
QB9 V/1200/B22-3 Lantern with vandal bowl for 100/150W GLS.

Complete lanterns with gear
Lanterns comprise a canopy

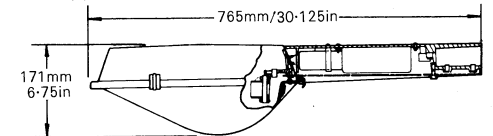
assembly and a bowl assembly (3BC lampholder is standard).
QB9 M/B1125.T Lantern with acrylic bowl for 125W MBF/U.
QB9 V/B1125.T Lantern with vandal bowl for 125W MBF/U.

Packages
QB9 1200 Canopy assembly (less gear).
QB9 B1125.T Canopy assembly (with 125W gear).
QB9 M Bowl assembly (acrylic).
QB9 V Bowl assembly (CAB anti-vandal).
AMEL 1085 2BC lampholder (B22)
AMEL 1086 3BC lampholder (B22-3).
AMEL 1087 ES lampholder (E27).

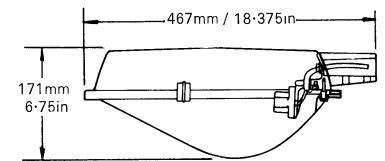
Control gear
Gear sets required for 'less gear' lanterns and supplied for 'with gear' lanterns.

Lamp
80W MBF/U AME 53162.4
(less gear only) AME C2234
125W MBF/U AME 53194.4
(less gear only) AME C2234
125W MBF/U AME 53271.T
(with gear) AME C2222

Overall width: 289mm/11-375in
Weight: 5-8kg/12-25lb
Windage area: 0-068m²/105in²



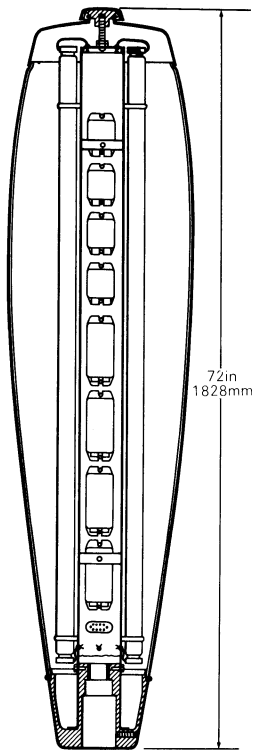
Overall width: 289mm/11-375in
Weight: 1-93kg/4-25lb
Windage area: 0-048m²/75in²



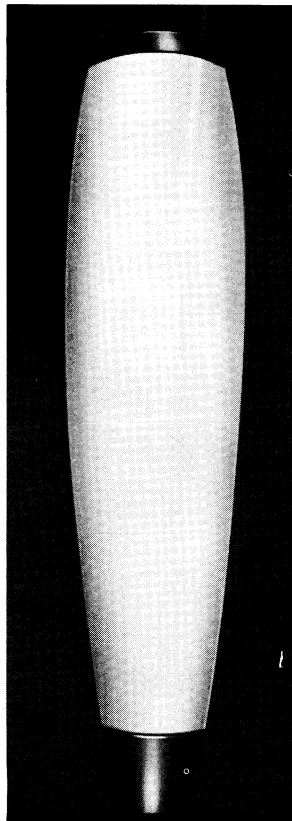
Gamma One vertical fluorescent



QG1 0/B40801.T on steel column



Overall diameter: 425.4mm/16.75in
Weight: 30.39kg/67.1lb



QG1 0/B408.T

Lamps

Four 1500mm/5ft 80W white MCFA/U tubes 200/250V 50 Hz.

Specification

The base casting is LM6-M aluminium alloy. The bowl and top-cap are acrylic. Chokes and quick-start units are supplied mounted to the spine. Capacitors are required for remote mounting.

Mounting

Post-top mounting for 76 x 130mm/2.996 x 5.08in spigot.

Recommended mounting height: 8m/26.2ft.

Average spacing/height ratio: 3:1.

Catalogue no.

Complete lantern

Lantern comprises base assembly with chokes and quick start units, and bowl.

QG1 0/B4080.T for MCFA/U tubes.

Packages

QG1 B4080.T Base casting and top cap and spine with 200/250V gear less capacitors.

QG1 0 Opal bowl.

Control gear Lamp

80W MCFA/U

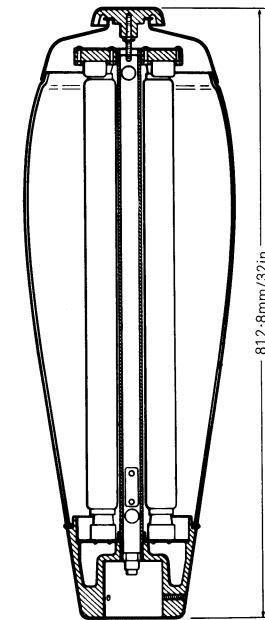
Control gear

4 x CI/80 (supplied)
4 x QS/80 (supplied)
2 x AMEC 2216 (required)

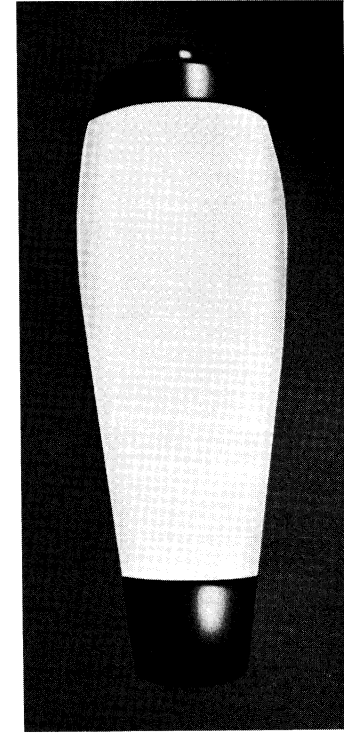
Gamma two/vertical fluorescent lantern



QG2 0/4240.T on a steel column



Overall diameter: 279.4mm/11in
Weight: 5.84kg/13lb



QG2 0/4240.T

Lamps

- a) Two 600mm/2ft 40W MCFA/U tubes 200/250V 50 Hz
- b) Four 600mm/2ft 40W MCFA/U tubes 200/250V 50 Hz

Specification

The base casting is LM6-M aluminium alloy. The bowl and top-cap are acrylic. Chokes are supplied on a gear tray for remote mounting. Capacitors are ordered separately.

Mounting

Post top mounting for 76 x 76mm spigot.

Recommended mounting height: 5m.

Average spacing height ratio: 3:1 max.

Catalogue no.

Complete lanterns

Lanterns comprise base assembly, bowl and gear tray assembly.
QG2 0/2240.T For 2 MCFA/U tubes.
QG2 0/4240.T For 4 MCFA/U tubes.

Packages

QG2 2240 Base assembly (two lamps).

QG2 4240 Base assembly (four lamps).

QG2 B2240.T Gear tray (less capacitors).

QG2 B4240.T Gear tray (less capacitors).

QG2 0 Bowl

Control gear Lamp

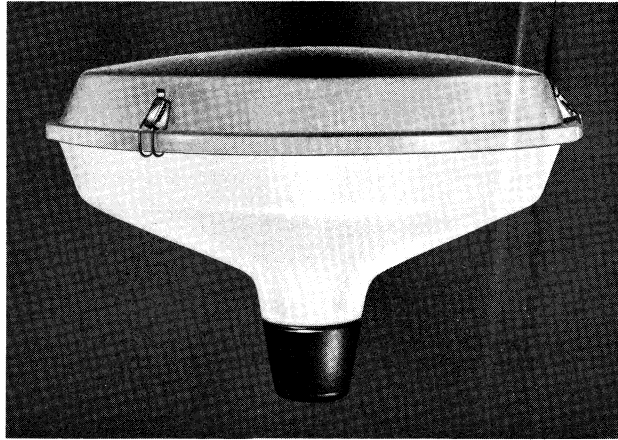
2 x 40W MCFA/U

4 x 40W MCFA/U

Control gear

CI/2240 (Supplied)
AMEC 2234 (Required)
2 x CI/2240 (Supplied)
AMEC 2234 (Required)

Gamma Three mercury/fluorescent



Lamps

- a) One 250W or 400W MBF/U lamp.
- b) One 250W or 400W SON lamp.
- c) One 400W MBI/F lamp.

Specification

COID approved.
Base is LM6-M aluminium alloy and the canopy is an acrylic enamelled aluminium spinning. The bowl is acrylic plastic and the toggle catches are stainless steel. All control gear is mounted remote.

Mounting

Post top mounting for 76 x 76mm spigot.
Recommended mounting height: 6-8m
Average spacing/height ratio: 3:1.

QG3 1400

Catalogue no.

Complete lanterns

Lantern comprises base assembly, bowl and canopy.
QG3 1400 for 250/400 MBF/U, 250/400W SON and 400W MBI/F.

Replacement packages

QG3 O Opal bowl.
QG3 F Canopy assembly.
QG3 E Support assembly.

Control gear

Gear sets required for lantern.

Lamp

250W MBF/U

400W MBF/U

400W MBI/F

400W MBI/F (alternative)

250W SON

400W SON

Control Gear

AME 53198.4

AME C2214

AME 53193.4

AME C2218

AME 53195.T

AME C2278

(2 per lamp)

AME 53193.T

AME 53262

AME C2218

AME 53262

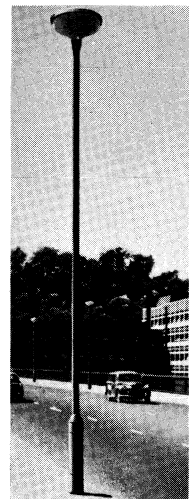
AME C2235

AME 53230.T

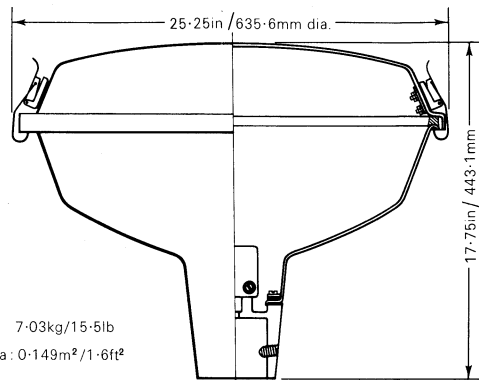
AME 53262

AME C2218

(2 per lamp)

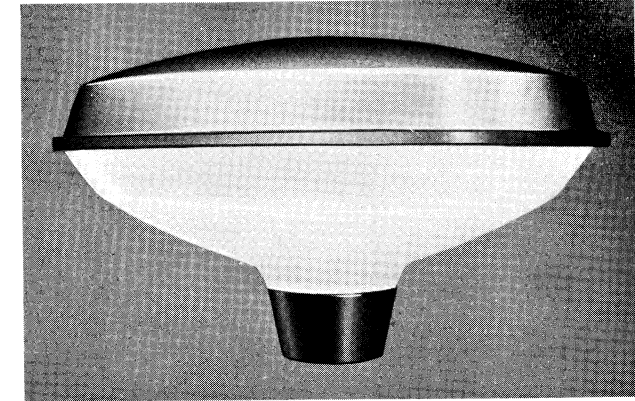


QG3 1400 on a QLCM 0660 steel column



Weight: 7.03kg/15.5lb
Windage area: 0.149m²/1.6ft²

Gamma Four-multi-lamp



QG4 O/W/3400

Lamps

- a) Two or three 500W GLS tungsten filament lamps.
- b) Two or three 250W or 400W MBF/U lamps.
- c) Two or three 250W or 400W SON lamps.
- d) Two or three 400W MBI/F lamps.
- e) Three 140W or 200W SLI/H lamps.
- f) Three 135W SOX lamps.

Distribution

- a) Two-way axial (3ft lantern only).
- b) Symmetrical.

Specification

COID approved.
The canopy of sheet aluminium is attached to the base casting assembly of LM6-M aluminium alloy by a steel stem.
The bowl is of acrylic plastic. Auxiliary reflectors are of aluminium alloy. Control gear is mounted remote.

Mounting

Post top mounting for 76 x 130mm spigot.

Recommended mounting height: 8m for 3ft lantern;

10m for 4ft lantern.

Average spacing/height ratio: 3:1

Catalogue no.

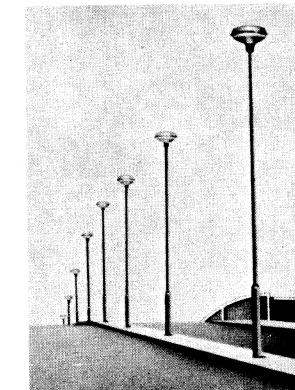
Complete 3ft Fittings

Lanterns comprise a stem assembly, canopy and bowl

QG4 O/F500 for 2-500W GLS, 250/400W MBF/U, 250/400W SON and 400W MBI/F.

QG4 O/F400 for 3-500W GLS, 250/400W MBF/U, 250/400W SON and 400W MBI/F.

QG4 A/M/F/2500 for 2-500W GLS, 250/400W MBF/U, 250/400W SON and 400W MBI/F.



QG4 O/W 3400 on QLCH 0860/G4/DB steel column

QG4 O/W/3400

Packages for 3ft Fittings

QG4 2500 Stem assembly (2 lamps).

QG4 3400 Stem assembly (3 lamps).

QG4 F Canopy assembly (3ft).

QG4 O.36 Opal bowl (3ft).

QG4 M.36 Pinspot bowl (3ft).

QG4 A Auxiliary reflector.

Complete 4ft Fittings

QG4 O/W/3135 for 3x 135W SOX.

QG4 O/W/3200 for 3x 200W SLI/H.

QG4 O/W/3400 for 3x 250/400W MBF/U, 250/400W SON and 400W MBI/F.

Packages for 4ft Fittings

QG4 W3135 Stem assembly for 3-135W SOX.

QG4 W3200 Stem assembly for 3-200 SLI/H.

QG4 W3400 Stem assembly for 3-250/400W MBF/U, 250/400W SON and 400W MBI/F.

QG4 O Opal bowl (4ft).

QG4 W Canopy assembly (4ft).

Control gear

Gear sets required for discharge lamps in lanterns.

Lamp

135W SOX

140W SLI/H

200W SLI/H

250W MBF/U

400W MBF/U

400W MBI/F

250W SON

400W SON

Control gear

AME 53166.T

AME C2281

AME 53232.4

AME C2218

AME 53172.T

AME C2235

AME 53198.4

AME C2214

AME 53193.4

AME C2218

AME 53193.T

AME 53262

AME C2218

AME 53251.T

AME 53262

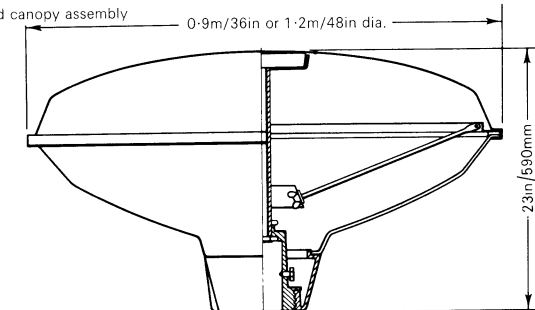
AME C2235

AME 53230.T

AME 53262

AME C2218

Bowl and canopy assembly 0.9m/36in or 1.2m/48in dia.



Weight: 15.87kg/35lb

Gamma Five GLS/mercury

Lamps

- a) One 100W or 200W GLS tungsten filament lamp.
b) One 80W or 125W MBF/U lamp.

Distribution

- a) Asymmetrical.
b) Symmetrical.

Specification

COID approved.

The canopy is an acrylic enamelled aluminium spinning with stainless steel toggle catches. The bowl is either acrylic or CAB and the refractor is glass. Control gear for discharge lamps is mounted remote.

Mounting

- a) Direct to QLC 1500/G5 steel column.
(b) Post top mounting for 76 x 76mm/2.996 x 2.996in spigot with a QG5 E 3 x 3 adaptor.
c) Post top mounting for a triangular spigot with a QG5 E K adaptor for the leader column.
Recommended mounting height : 3.964m/13ft or 4.574m/15ft.
Average spacing/height ratio : 3 : 1.

Catalogue no.

Complete lanterns

Lanterns comprise bowl, body, lampholder and support and refractor (except opal bowl version)

QG5 JD/Y1200.B22 with asymmetric refractor for 100/150W GLS.

QG5 JD/Y1200.E27 with asymmetric refractor for 80/125W MBF/U.

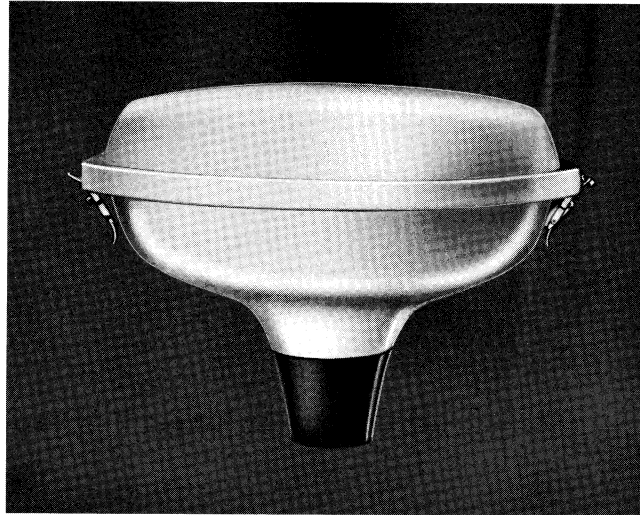
QG5 JD/Y1200.B22-3 with a symmetric refractor for 80/125W MBF/U.

QG5 JD/X/1200.B22 with symmetric refractor for 100/150 GLS.

QG5 JD/X/1200.E27 with symmetric refractor for 80/125W MBF/U.

QG5 JD/X/1200.B22-3 with symmetric refractor for 80/125 MBF/U.

n.b. FOR CLEAR ANTI-VANDAL BOWL INSERT V FOR D IN COMPLETE CATALOGUE NUMBER.



QG5 O/1220.B22.3 with QG5.E3X3

QG5 O/1200.B22 for 100/150 GLS
QG5 O/1200.E27 for 150/200 GLS
QG5 O/1200.B22-3 for 80/125W MBF/U.

Packages

- QG5 JD 1200 Body, lampholder support, and clear acrylic bowl.
QG5 JV1200 Body, lampholder support, and clear vandal bowl.
QG5 O1200 Body, lampholder support, and opal acrylic bowl.
QG5 J1200 Canopy with lugs for refractor.
QX Symmetric refractors.
QY Asymmetric refractor.
QG5 E3 x 3 Support casting for 3 x 3 spigot.
QG5 EK Support casting for leader column.
AMEL 1086 Lampholder 3BC (B22-3).

AMEL 1085 Lampholder 2BC (B22).
AMEL 1087 Lampholder ES (E27).

Replacements

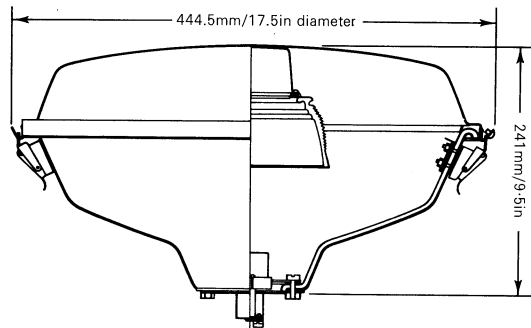
- QG5 D Clear acrylic bowl.
QG5 O Opal acrylic bowl.
QG5 V Clear anti-vandal bowl.

Control gear

Gear sets required for MBF/U lamps.

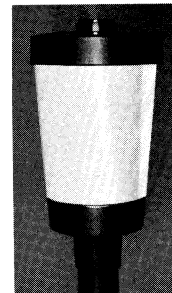
Lamp	Control gear
80W MBF/U	AME 53162.4
	AME C2234
125W MBF/U	AME 53159.4
	AME C2234.

QG5 JD/X/1200.B22 lantern on a QLC 1500/G5 steel column

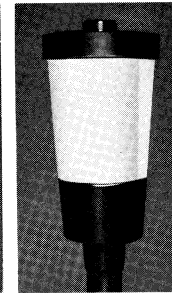


Weight 3.63kg/8lb

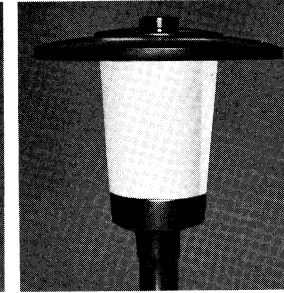
Gamma Six GLS/sodium/mercury



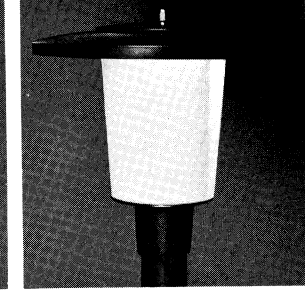
QG6 V/F/B1125.4



QG6 O/F/B1035.H



QG6 V/W/B1080.4/B22-3



QG6 W/O/1200/E27



QG6 W/O/1200/E27 on QLC3 aluminium column

Lamps

- a) One 100W, 150W or 200W GLS tungsten filament lamp.
b) One 160W MBTF lamp.
c) One 80W or 125W MBF/U lamp
d) One 35W SOX lamp.

Specification

Base castings are LM6-M aluminium alloy and the canopies spun aluminium alloy. Bowls are either injection moulded opal acrylic or opal polycarbonate. In the 'with gear' lanterns, the control gear is mounted in the base casting on a removable gear-tray. Control gear for 'less gear' lanterns is mounted remote.

Mounting

Post top mounting for 76 x 76mm spigot.
Recommended mounting height : 5m

Average spacing/height ratio : 3 : 1.

Catalogue no.

Space will not allow the listing of the many alternative assemblies possible. Complete catalogue numbers are made up by a combination of letters and numbers of the components listed. For ease of recognition the components are shown pictorially and examples given for complete lanterns.

Packages and spares

QG6 1200 Base casting assembly (less gear).
QG6 B1035.H Base casting assembly with 240V 30W SOX gear and 2BC lampholder.

QG6 B1080.4 Base casting assembly with 240V 80W MBF/U gear and ES lampholder.

QG6 B1125.4 Base casting assembly with 240V 125W MBF/U gear and ES lampholder.

QG6 O Opal bowl (acrylic).
QG6 V Opal bowl (polycarbonate).
QG6 W Large canopy.

QG6 F Small canopy
QP1 Photo cell socket.

AMEL 1085 Lampholder (2BC-B22).

AMEL 1086 Lampholder (3BC-B22-3).

AMEL 1087 Lampholder (ES-E27).

NB : Each lantern requires :

- 1) A base casting assembly
- 2) A bowl
- 3) A canopy
- 4) A lampholder (for 'less gear' lanterns or 3BC 'with gear')

For lanterns requiring a photocell socket add letter P to base casting.

Examples of complete lantern

- 1) QG6 O/W/1200/E27 'Less gear' base casting, acrylic bowl, large canopy, and ES lampholder.

2) QG6 V/F/B1080.4/B22-3 240V gear base casting, polycarbonate bowl, small canopy, and 3 BC lampholder.

3) QG6 V/W/PB1125.4 240V gear base casting, polycarbonate bowl, large canopy, ES lampholder, and photocell socket.

Control gear

Gear sets required for 'less gear' lanterns.

Lamp	Control gear
80W MBF/U	AME 53162.4
	AME C2234

125W MBF/U	AME 53159.T
	AME C2234

35W SOX	AME 53131.H
	AME C2280

Gear sets supplied for 'with gear' lanterns

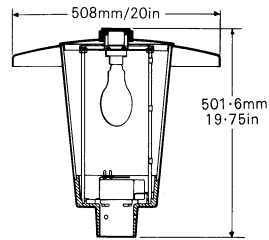
80W MBF/U	AME 53272.4
	AME C2223

125W MBF/U	AME 53271.4
	AME C2222

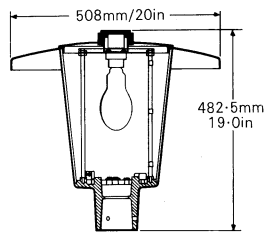
35W SOX	AME 53131.H
	AME C2232

Gamma Six GLS/sodium/mercury

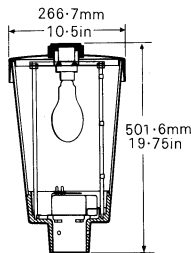
Dimensions of selected lanterns illustrated on previous page.



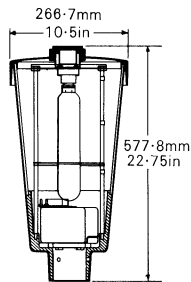
Weight: 6.69kg/14.75lb



Weight: 4.42kg/9.75lb











Weight: 6.23kg/13.75lb

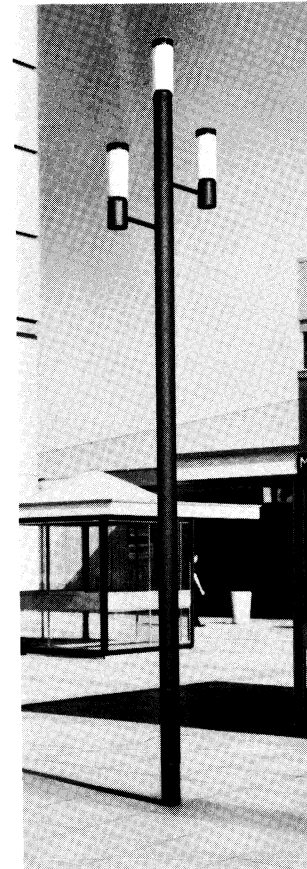


Weight: 11.34kg/25lb

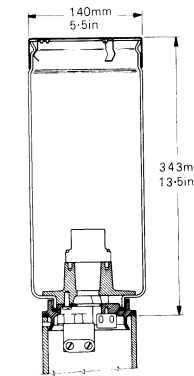
Catalogue number combinations for complete lanterns

BASE CASTING ASSEMBLY	CANOPIES, BOWLS.	INSERT LETTER	ACCESSORIES	ADD SUFFIX
BASIC CATALOGUE NUMBERS QG6. B1200 Post-top base casting assembly Less gear	 QG6.W 20in dia canopy	W	 AMEL 1085 2BC lampholder	B22
QG6. B1080-4 Post-top base casting assembly 80W geared	 QG6.F 10-in dia canopy	F	 AMEL 1086 3BC lampholder	B22-3
QG6. B1125-4 Post-top base casting assembly 125W geared	 QG6.O Acrylic bowl	O	 AMEL 1087 ES lampholder	E27
QG6. B1035-4 Post-top base casting assembly 35W geared	 QG6.V Anti-vandal bowl	V	 QP1 Twist & lock type socket	P

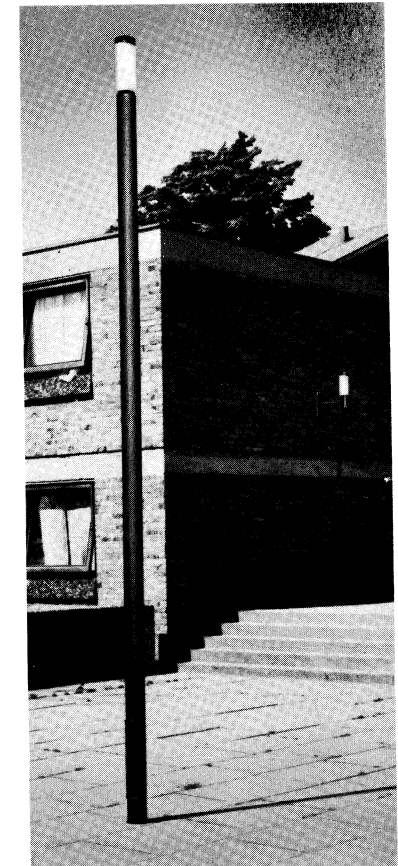
Gamma Seven GLS/mercury



QG7 EFO1080.E27 lantern on QLC 1340/G7 column



Weight: 1.2kg/2.75lb



QG7 EFO1080.E27 lantern on QLC 1540/G7 column and QPRK/1100 wall bracket

Lamps

- a. One 100W GLS tungsten filament lamp.
- b. One 80W MBF/U lamp.

Specification

COID approved.
The base casting is LM6-M aluminium alloy. The bowl is acrylic plastic with a spun aluminium top cap. Control gear for discharge lamp is mounted remote.

Mounting

- a) Pole top on QLC 1340/G7 or QLC 1540/G7 columns.
- b) Wall bracket QPRK 1100.
- c) Corner wall bracket QPRM 1100.

Recommended mounting height: 3-964m/13ft or 5m/16-404ft.
Average spacing/height ratio: 3:1 max.

Catalogue no. Complete lanterns

Lanterns comprise a base casting assembly, bowl and top cap.
QG7 EFO1100.B22 for GLS lamp.
QG7 EFO1080.E27 for GLS or MBF/U lamp.
QG7 EFO1080.B22-3 for MBF/U lamp.

Replacements

- QG7 O Spare bowl.
- QG7 F Spare top cap.

Control gear

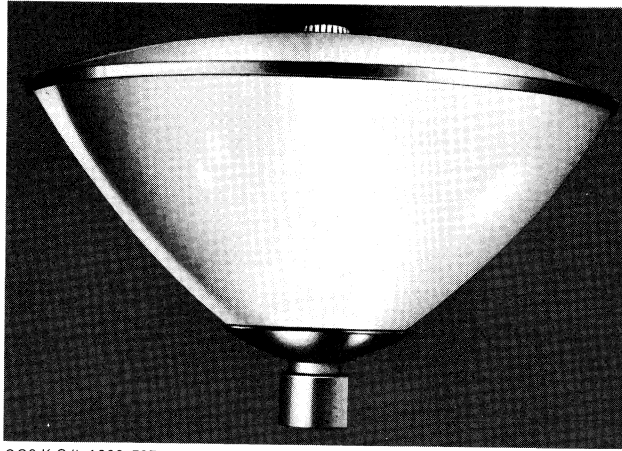
Gear set required for discharge lamp.

Lamp 80W MBF/U	Control gear AME 53162.4 AME C2234
--------------------------	---

Gamma Eight GLS/sodium/mercury



QG8 K O/L1035.4



QG8.K O/L 1200-E27

Lamps

- a) One 100W, 150W or 200W tungsten filament lamp
- b) One 80W or 125W MBF/U lamp.
- c) One 35W SOX lamp.

Specification

The canopy is spun aluminium alloy and internally sprayed white. The bowl can be either acrylic or anti-vandal, and the spigot caps are LM6-M aluminium alloy. Control gear for discharge lamps is mounted remote.

Mounting

- a) Post top on a 76 x 76mm/spigot.

- b) post top on a triangular spigot of an LC 1 Leader column.

Recommended mounting height : 5m

Average spacing/height ratio : 3 : 1.

Catalogue no.

Complete lanterns

Lanterns comprise spigot cap, bowl and lampholder assembly.

- QG8 3 x 3 O/L 1200.B22 for GLS.
- QG8 3 x 3 O/L 1200.E27 for GLS and MBF/U lamp.

- QG8 3 x 3 O/L 1200.B22-3 for MBF/U lamp.

- QG8 3 x 3/L 1035.B22 for SOX lamp.

- QG8 K O/L.1200.B22 for GLS and MBF/U lamp.

- QG8 K O/L 1200.E27 for GLS and MBF/U lamp.

- QG8 K O/L 1200.B22/3 for MBF/U lamp.

- QG8 K O/L 1035.B22 for SOX lamp.

For vandal bowl replace O with V

Packages

QG8 K O Spigot cap (triangular) and bowl assembly.

QG8 3 x 3 O Spigot cap (76 x 76mm) and bowl assembly.

QG8 L.B22 Lampholder assembly (2BC).

QG8 L.E27 Lampholder assembly (ES).

QG8 L.B22-3 Lampholder assembly (3BC).

QG8 L.1035 Lampholder assembly.

Replacements

- QG8 O Opal acrylic bowl.
- QG8 V Vandal bowl.

Control gear

Gear sets required for discharge lamp.

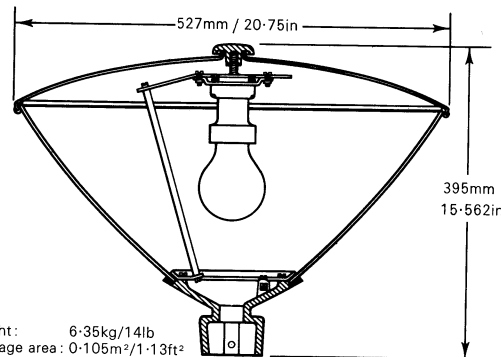
Lamp
80W MBF/U

125W MBF/U

35W SOX

Control gear
AME 53162.4
AME C2234
AME 53159.4
AME C2234
AME 53181.4
AME C2280

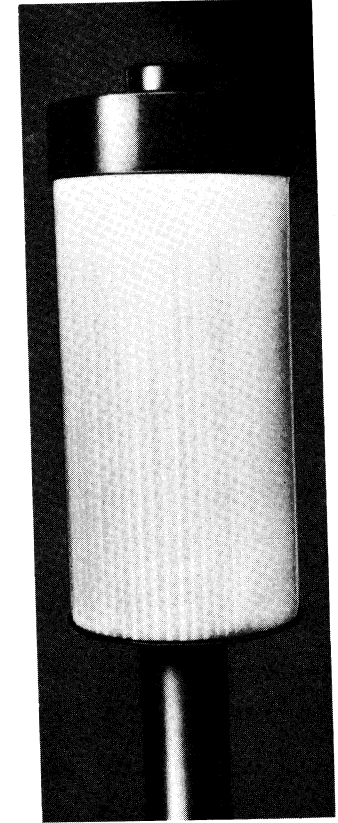
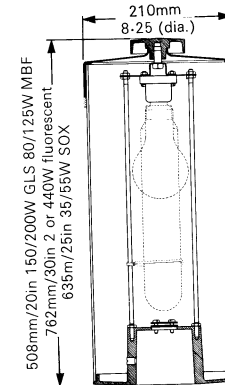
Fitting with vandal bowl can be ordered as a special lantern.



Gamma Nine GLS/sodium/mercury/fluorescent



QG9 1055 on QLC 1590/G9 column



QG9 1200/E27

Lamps

- a) One 100W or 200W GLS lamp
- b) One 35W or 55W SOX lamp
- c) One 80W or 125W MBF/U lamp
- d) Two or four 600mm/2ft 40W MCFA/U tubes

Specification

The base casting is LM6-M aluminium alloy. Bowl is acrylic and the top cap is an aluminium alloy spinning. The top cap is secured with an aluminium alloy nut. All metal parts are finished matt black. Except for the MCFA/U lantern the control gear is mounted remote.

Mounting

Post top for a 76 x 76mm spigot.

Recommended mounting height : 5m

Average spacing/height : 3 : 1.

Catalogue no.

Complete lanterns less gear

Lanterns comprise base casting and top cap, bowl and lampholder.

- QG9 1200/B22 for GLS lamps.
- QG9 1200/E27 for GLS, MBF/U lamps.

- QG9 1200/B22-3 for MBF/U lamp.
- QG9 1055 for SOX lamp.

Complete lanterns with gear

Lanterns comprise base casting with gear, top cap, and bowl. QG9 B2240-4 for 2 MCFA/U lamps. QG9 B4240-4 for 4 MCFA/U lamps.

Packages

- QG9 1200 Body and bowl for GLS or MBF/U lanterns.

- AMEL 1085 Lampholder (2BC-B22).

- AMEL 1086 Lampholder (3BC-B22-3).

- AMEL 1087 Lampholder (ES-E27).

Spares

QG9 O Bowl for GLS or MBF/U lantern.

QG9 01 Bowl for SOX lantern.

QG9 02 Bowl for MCFA/U lantern.

Control gear

Gear sets required for 'less gear' lanterns and supplied for 'with gear' lanterns.

Lamp
80W MBF/U (less gear only)

125W MBF/U (less gear only)

35W SOX (less gear only)

55W SOX (less gear only)

40W MCFA/U (with gear)

Control gear

AME 53162.4

AME C2234

AME 53159.4

AME C2234

AME 53131.H

AME C2280

AME 53181.4

AME C2280

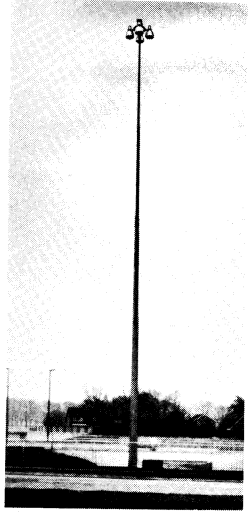
AME 69082.4

(per 2 lamps)

AME C2222

(per 2 lamps)

High tower lantern



HT 1000 on 30-48m/100ft high mast column

Lamp

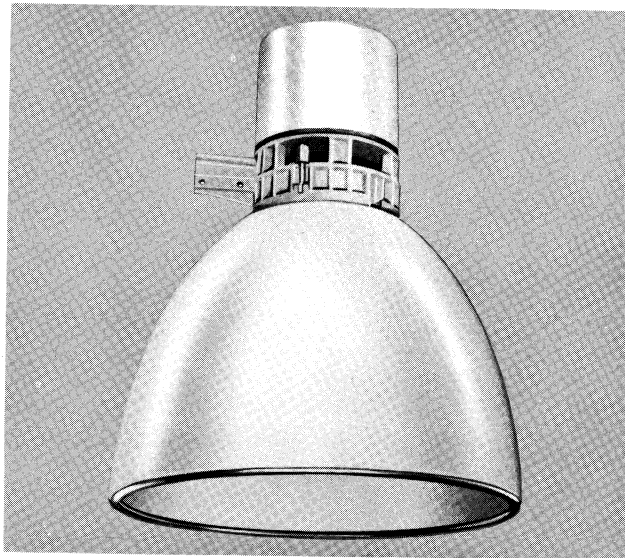
One 1000W MBF/U lamp.

Dimensions

Height 825.5mm/32.5in
 Overall diameter 654mm/25.75in
 Weight* 25.86kg/57lb.
 Windage area 0.236m²/2.45ft²
 *With lamp and control gear

Distribution

Cut off with peak at 45° LOR 66%.



Specification

The lamp housing reflector is of spun aluminium with a heat resisting glass, and secured to main body by three quick release swing-down bolts. The main body is of LM6-M aluminium alloy, and provides the side-entry spigot location and gear housing. An aluminium can, secured by a small finial, encloses the gear. The lampholder incorporates a lamp-steady to prevent lamp unscrewing itself due to vibration. Lanterns supplied complete with control gear.

Mounting

Side entry for a 43 x 152mm spigot. Recommended mounting height: 24m and over.

Catalogue no.

HT 1000.4 for 1000W MBF/U lamp.

Control gear

Control gear supplied with fittings.

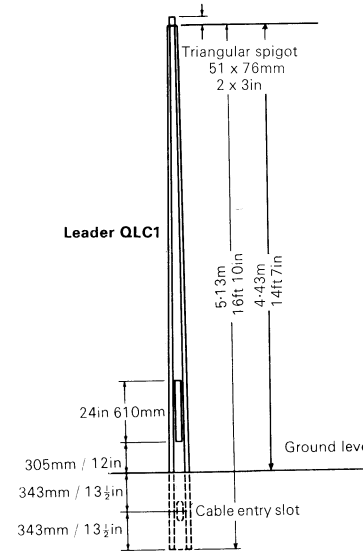
Lamp

1000W MBF/U

Control gear

AME 53243.4
 (2 per lamp)
 AME C2236
 (2 per lamp)

Leader and Lucerna columns



Cable entry slot for each column
 152 x 76mm/6 x 3 in

LEADER QLC1

Material

HE9-P aluminium alloy.

Spigot castings

LM6-M aluminium alloy.

Baseboard

Hardwood
 624 x 114mm
 24.5 x 4.5in.

Base compartment

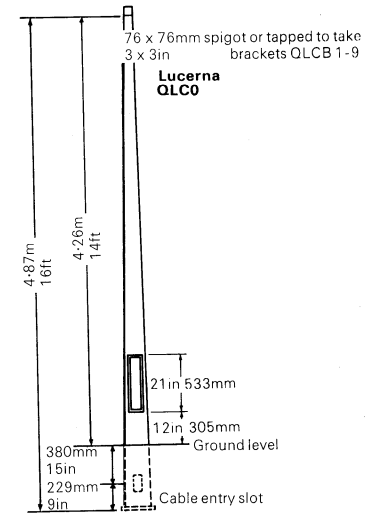
610 x 86mm
 24 x 3.375in.

Weight

13.6kg/30lb

Section

Triangular.



LUCERNA QLC0

Material

Aluminium alloy NS4.

Spigot casting

Either 3in dia. casting for post-top mounting or tapped casting for QLCB1-9 bracket arms.

Baseboard

Hardwood
 624 x 114mm
 24.5 x 4.5in.

Base compartment

610 x 103 x 89mm
 deep
 24 x 4.375 x 3.625in
 deep

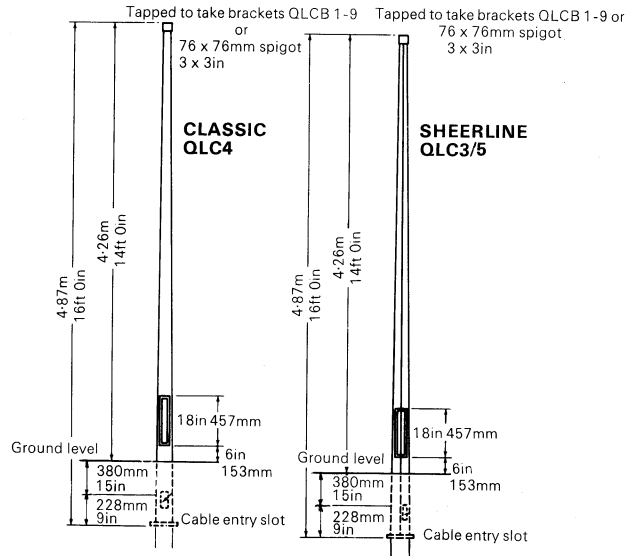
Weight

14.9kg/33lb.

Section

Polygon

Note: WHEN ORDERING COLUMNS PLEASE STATE THE NUMBER OF KEYS REQUIRED AND ALSO THE TYPES OF COLUMN TOP REQUIRED FOR QLC0.



Cable entry slot for each column
152 x 76mm/6 x 3in

SHEERLINE Material QLC3
Aluminium alloy NS4.
Spigot casting
Either 3in dia. casting for post-top mounting or tapped casting for QLCB1-9 bracket arms.

Baseboard
623 x 89mm
24.5 x 3.5in
Base compartment
457 x 99 x 73mm
18 x 3-875 x 2-875in deep.

Weight
13.2kg/29lb.
Section
Hexagonal.

CLASSIC QLC4

Material
Aluminium alloy NS4.
Spigot casting
Either 3in dia. casting for post-top mounting or tapped casting for QLCB1-9 bracket arms.

Baseboard
Hardwood
623 x 89mm
24.5 x 3.5in
Base compartment
457 x 95 x 102mm
18 x 3-75 x 4in deep.

Weight
14.5kg/32lb.
Section
Square.

SHEERLINE QLC5

Material
Galvanised (hot-dip) steel.

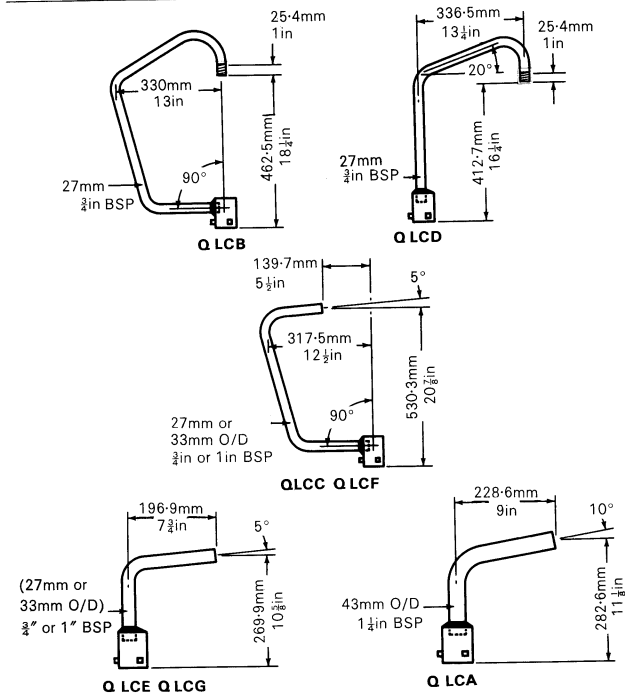
Spigot casting
Either 3in dia. casting for post-top mounting or tapped casting for QLCB1-9 bracket arms.

Baseboard
Hardwood
623 x 89mm
24.5 x 3.5in
Base compartment
457 x 99 x 73mm
18 x 3-875 x 2-875in deep.

Weight
34kg/75lb.
Section
Hexagonal.

Note: WHEN ORDERING COLUMNS PLEASE STATE THE NUMBER OF KEYS REQUIRED AND ALSO THE TYPE OF COLUMN TOP ON QLC 3, 4 & 5.

BRACKETS FOR USE WITH QLC.1 COLUMN

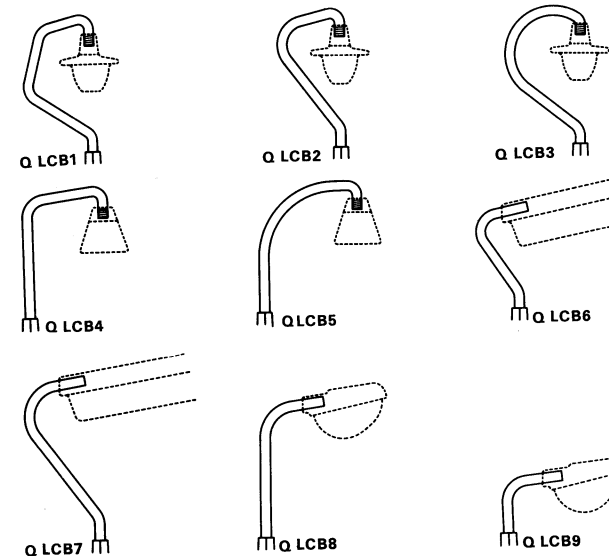


Materials—Galvanised steel pipe and LM6-M spigot castings.

Catalogue no.

QLCA	1 1/2 in BSP S/E	43mm
QLCB	1 in BSP T/E	27mm
QLCC	1 in BSP S/E	27mm
QLCD	1 in BSP T/E	27mm
QLCE	1 in BSP S/E	27mm
QLCF	1 in BSP S/E	33mm
QLCG	1 in BSP S/E	33mm
QLCK	Dzus key	
QLCS	3 x 3 in dia. Spigot adaptor.	76 x 76mm dia.
QLCT	3 x 2 in dia. Spigot adaptor	76 x 51mm dia.

BRACKETS FOR USE WITH QLC3/5, QLC4, QLC0 COLUMNS



Catalogue no.

QLCB1	T/entry
QLCB2	T/entry
QLCB3	T/entry
QLCB4	T/entry
QLCB5	T/entry
QLCB6	S/entry
QLCB7	S/entry
QLCB8	S/entry
QLCB9	S/entry

Supplied as standard to suit lanterns with 1in BSP entry (33mm). These brackets can be supplied with adaptors to suit lanterns requiring 3/4in or 1 1/4in entry. When ordering please quote appropriate suffix (e.g. QLCB3/3/4 or QLCB9/1 1/4). They can also be supplied with a spigot cap to convert columns fitted with 3 x 3in spigots into bracket arm types. When ordering please quote suffix SC (e.g. QLCB3/SC or QLCB9/1 1/4/SC).