

Accessories

Part Number	Description
013.0010	Set of two ryton rings for receptacle support inside pipe elbow
013.0008	Galvanized steel pipe elbow with upper threaded end only
315.3210	Galvanized steel pipe elbow with both threaded ends
315.1228	Base L-867, Class I, Size B, 24" deep
315.1062	Baseplate for L-867 base with gasket and cable clamp
011.1513	Transformer for parallel circuits 200W, 220/30V
011.1514	Transformer for parallel circuits 200W, 380/30V
011.1515	Transformer for parallel circuits 300W, 220/15V
011.1516	Transformer for parallel circuits 300W, 380/15V
332.3270	Levelling and alignment device

For any information about isolating transformers and connectors, please see the specific catalogue pages

Renewal Parts

Part Number	Description
321.7080	Antiglare shield
341.0750	Clip for lamp locking
325.0160	Lamp silicone gasket
780.1005	Mogul end prong lampholder with cable leads
456.0119	Terminal strip
760.2920	200 W, 6.6 A, QPAR-56/4 lamp
760.2940	300 W, 20 A, QPAR-56/C lamp
760.2840	300 W, 220 V, PAR-56 lamp
323.2450	Cable lead, size 2 x 4 sq.mm, 0.500 m long, with L-823 plug
323.2460	L-823 two-pole plug with cable leads, 0.500 m long
323.2470	L-823 two-pole plug with cable leads, 0.900 m long
323.2480	L-823 two-pole plug with cable leads, 1.400 m long
323.2490	L-823 two-pole plug with cable leads, 1.900 m long
323.2500	L-823 two-pole plug with cable leads, 2.400 m long
155.4110	Supporting flange for FA300-E projector
303.6060	Breakable coupling for direct mounting of the fixture
303.6130	Breakable coupling for poles up to 500 mm
303.6120	Breakable coupling for poles between 501 and 1000 mm
303.6110	Breakable coupling for poles between 1001 and 1500 mm
303.6100	Breakable coupling for poles exceeding 1501 mm
315.3010	Mounting pole 100 mm long, 2" dia
315.3230	Mounting pole 500 mm long, 2" dia
315.3240	Mounting pole 1000 mm long, 2" dia
315.3250	Mounting pole 1500 mm long, 2" dia
315.3260	Mounting pole 2000 mm long, 2" dia
166.4070	E27 lampholder with support for the obstruction light
760.1520	100W lamp, 220-240V, E27 base (long life type)
760.1345	60W lamp, 220-240V, E27 base (long life type)
760.1250	40W lamp, 24V, E27 base
166.4035	Red lens complete with safety rope and hardware
758.2009	Gasket for red globe



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FA300

Heliport Projector



FA300

Compliances: ICAO Annex 14
NATO STANAG 3619

Applications

The FA300 projectors are used for helipad area lighting, in compliance with ICAO Specs - Annex 14 - Vol. II (type FA300-E, height above ground ≤ 250 mm).

These projectors may be supplied on mounting pole too, with or without obstruction light (FA300-D and FA300-G respectively).

Features

BODY: consists of a cast aluminium, with stainless steel clips, securing the PAR-56 lamp with silicone gasket. It contains a terminal strip with two single-pole silicone cable leads, ending with a mogul end prong lampholder. The entrance of the power supply cable, when provided, is made through the rear of the body protected by a flexible plastic pipe.

ANTI GLARE SHIELD: matt black painted aluminium sheet, mounted in front of the body to avoid pilot dazzling.

GRADUATED SUPPORT: cast aluminium, complete with graduated scales for horizontal and vertical aiming. The body is hinged to the support for vertical aiming and locked to it by means of two screws; the support can rotate on the mounting pole or breakable coupling and is fixed to it by means of three screws.

For FA300-E projector the graduated support is replaced by a suitable supporting flange.

MOUNTING POLE: when required for FA300-G projector, it consists of a 2" steel pipe, minimum 100 mm long, available up to 2 meters. TABLE A on page AT-28.2 shows the "key" to order the proper length of the mounting pole.

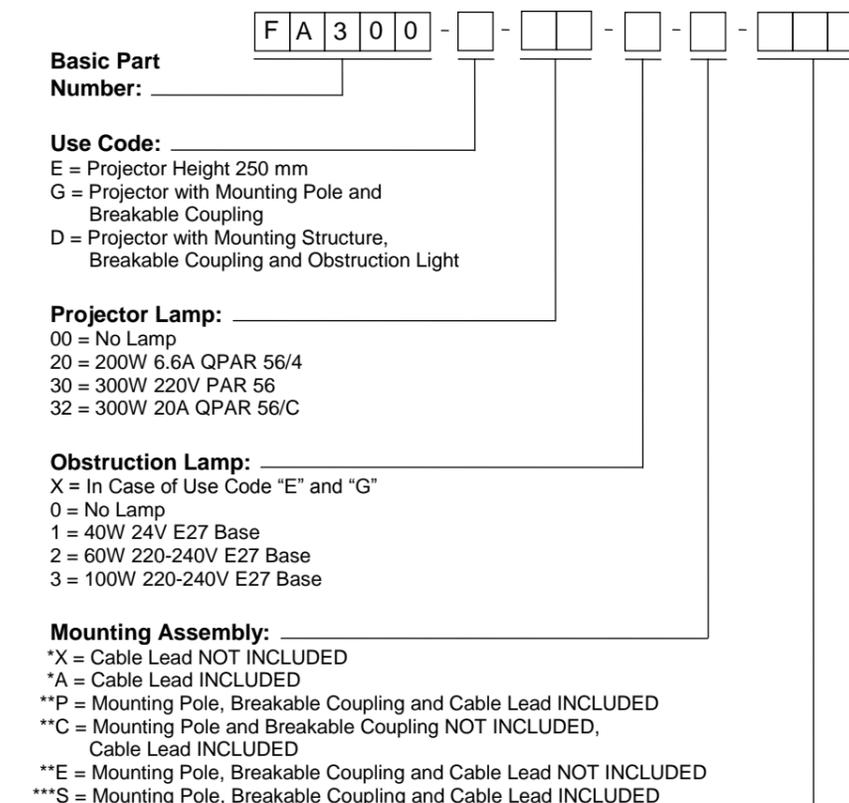
For FA300-D projector, the mounting pole is replaced by a suitable structure so the overall dimension of the

How to order

To the basic part number add the use code, the projector lamp type, the obstruction light lamp, the mounting assembly and the key to identify the pole (or the cable lead) length.

EXAMPLE:

FA300-G-32-X-P-050 is a projector without obstruction light with a 300 W lamp, 20 A, QPAR-56/C, complete with mounting pole, 50 cm long, breakable coupling and cable lead, 90 cm long, with plug.



* = Only for Use Code "E"
 ** = Only for Use Code "G"
 *** = Only for use Code "D"

projector-obstacle assembly doesn't exceed 1400 mm above the ground.

BREAKABLE COUPLING: cast aluminium; different types are used:

- directly coupled to the graduated support (only for FA300-G projector);
- coupled to the base of the mounting pole, when provided (only for FA300-G projector)
- coupled to the base of the supporting structure (only for FA300-D projector).

For FA300-E projector the breakable coupling is replaced by a baseplate (to be fixed to the pavement) coupled to the supporting flange by means of screws which grant the frangibility of the assembly.

CABLE LEAD: the FA300-E projector, required with 220V PAR-56 lamp, is supplied without cable lead. When this projector is required with a low voltage lamp, it can be supplied, on request, complete with cable lead, rubber insulated and neoprene sheathed, size 2 x 4 sq.mm, 0.500 m long, with FAA L-823 plug. For FA300-G projector the cable lead consists of two, single-pole neoprene

leads, size 2.5 sq.mm, of length according to the customer requirements (minimum length 0.450 m), with FAA L-823 plug. When the light is ordered without mounting pole and breakable coupling, use TABLE A on this page to identify the "key" corresponding to the cable lead required length.

The FA300-D projector is always equipped with two cable leads, one for the projector and the other for the obstruction light power supply respectively. Each cable lead consists of two, single-pole neoprene leads, size 2.5 sq.mm, of suitable fixed length, with FAA L-823 plug.

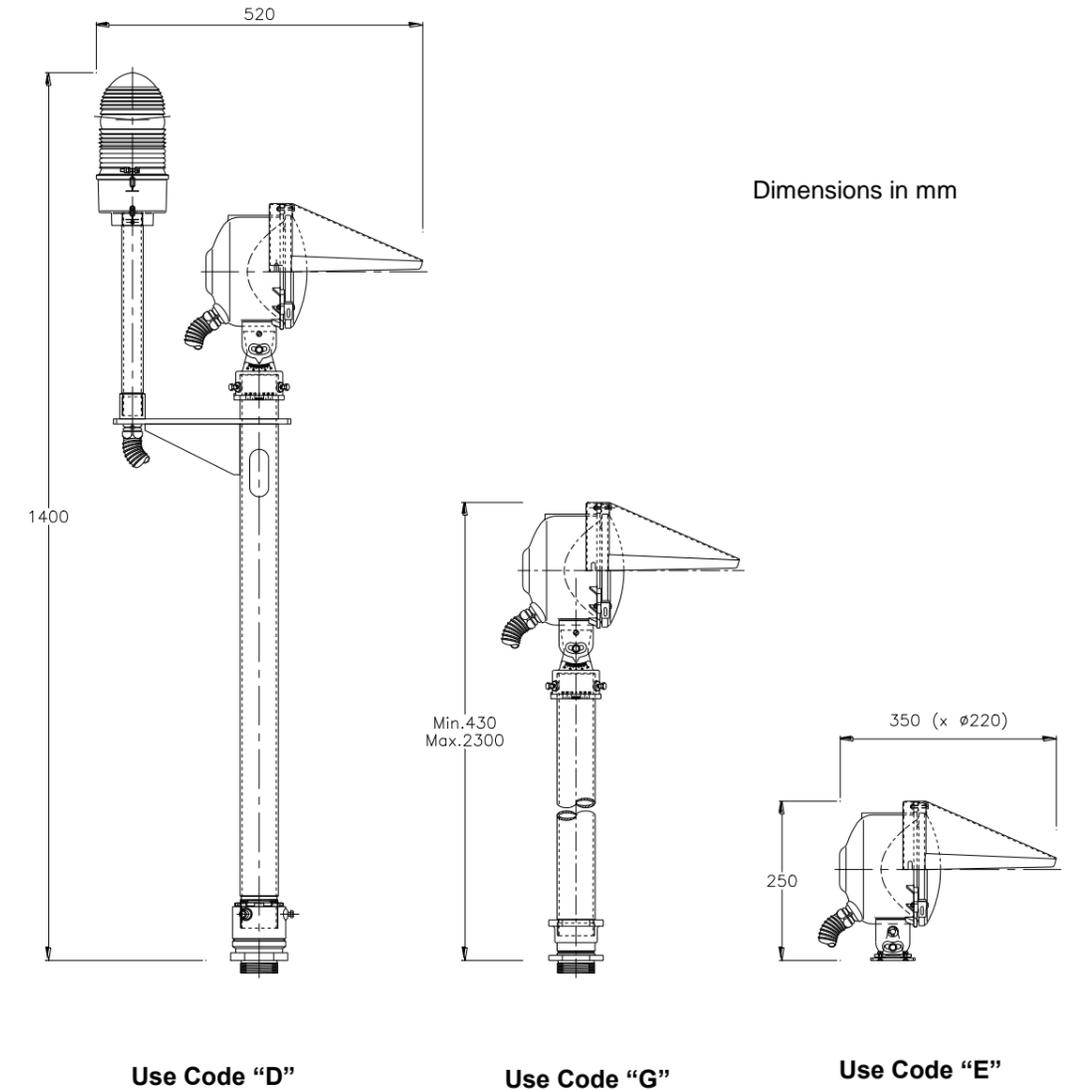
LAMPS: for the projector: 200 W, 6.6 A, QPAR-56/4, 1000 hour rated life; 300 W, 20 A, QPAR-56/C, 500 hour rated life; 300 W, 220 V, PAR-56, 2000 hour rated life. For the obstruction light: 40 W, 24 V, E 27 base, 1000 hour rated life; 60W or 100W, 220-240 V, E 27 base, 8000 hour rated life.

OBSTRUCTION LIGHT: (for FA300-D projector only) see the leaflet of O.C.E.M. SO obstruction light for any information.

GROUNDING: a suitable screw is provided.

INSTALLATION: with breakable coupling, on pipe elbow or baseplate; with frangible supporting assembly, directly fixed to the pavement. On request a suitable device with level and sight system is supplied for precise levelling and alignment of the light.

Outline Drawing



Instruction Manual: UT-MT-240

	FA300-E with Cable Lead	FA300-G with Direct Breakable Coupling	FA300-G with Pole, 100 mm long, and Breakable Coupling
Shipping Weight	2.3 Kg	2.6 Kg	3.2 Kg
Shipping Volume	0.019 cu.m	0.019 cu.m	0.019 cu.m

The projector lamp is always delivered separately for safety purpose.

TABLE A

Mounting Assembly "P"		Mounting Assembly "C"	
POLE KEY	POLE LENGTH (in cm)	CABLE LEAD KEY	CABLE LENGTH (in cm)
001	NO POLE	045	45
010	10	050	50
050	50	100	100
100	100	150	150
150	150	200	200
200	200	250	250

The TABLE B is given as an example only. You can order mounting poles or cable leads of length as you need, but considering that the available steps are of 10 cm.

Example 1. You need a pole of 180 cm; the key will be 180. The light will be supplied with a cable lead of 220 cm (180 cm plus 40 cm).

Example 2. You need a pole of 185 cm. This length is not available. You can choose 180 cm or 190 cm; the key is 180 or 190.

Example 3. You need a fitting without mounting pole and breakable coupling, but with the cable lead of 170 cm. The key to identify your cable is 170.

Example 4. You need a fitting without mounting pole and breakable coupling, but with the cable lead of 175 cm. This length is not available. You can choose 170 cm or 180 cm; the key is 170 or 180.