



Arpool Nexus

Specification Sheet



UL STD 676 swimming pool rated
CSA C22.2#89 swimming pool rated
IP68

LUMINAIRE FEATURES

Design and Application

- Installation depth max. up to 3m (10')
- Max tile thickness 25mm (1")
- Trim flange overlap 10mm (0,4")
- DMX, DALI, 0-10V compatible (remote)
- Wall and floor installation
- Infinity pools and swimming pool complexes

Performance

- IK10, PMMA cover
- Chlorine and saline environment
- Stainless Steel type 316L, marine grade
- Galvanic current protection (installation housing)
- Thermal fold back technology
- Lifetime TM-21 @85C L90(9K)=60500h
- Supplied with oil and water resistant 3m (10') feed cable as standard
- CRI: > 85
- 3 Step MacAdam

Safety

- Remote power supply
- Low voltage operation
- Recessed installation

Sustainability

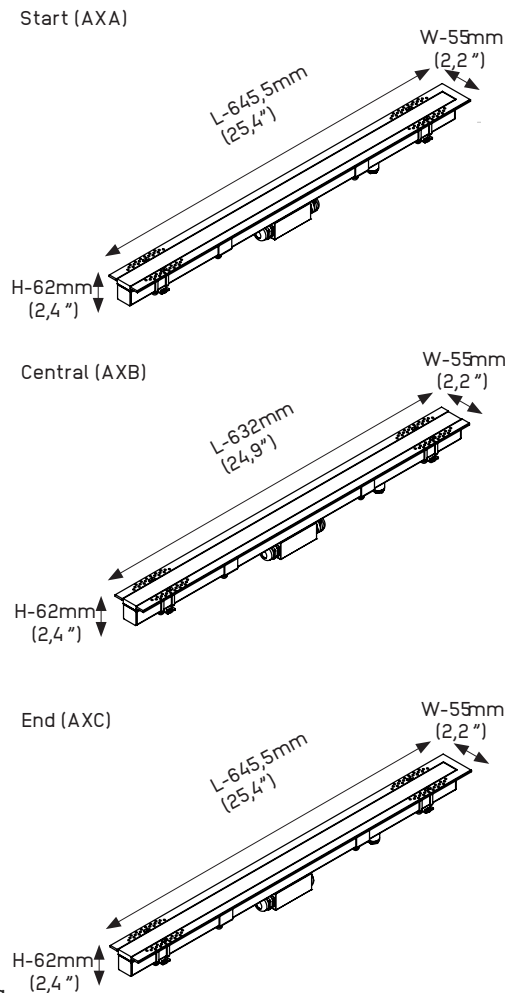
- Recyclable material

Installation housing

- FA501 - Start (left) Installation housing
- FB503 - Central Installation housing
- FC505 - End (Right) Installation housing

Power supplies

- List of proposed power supplies that are to be ordered separately.
- Click [here](#) for list of available drivers.
- Click [here](#) for voltage drop and distances.



Click [here](#) to download fixture installation manual.
Click [here](#) to download housing installation manual.
Click [here](#) to download CAD file.
Click [here](#) to download IES-LTD data.



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ORDERING INFORMATION

MODEL

FAX

LENGHT

- A** • A - (25,4") 645,5mm - Start (AXA)
- B** • B - (24,9") 632mm - Central (AXB)
- C** • C - (25,4") 645,5mm - End (AXC)

POWER

- L** • L - 3W/ft, 3000 - 4000K, 76lm/ft
- L - 5.5W/ft, RGBW

COLOR TEMP.

- 27** • 27 - 2700K
- 30** • 30 - 3000K
- 40** • 40 - 4000K
- TW** • TW - Tunable white (2200-4000K)
- RGBW** • RGBW (W 4000K)

OPTICS

- LL** • LL - 120° even illumination

VOLTAGE

- 12** • 12 - 12VDC fixture voltage
- 24** • 24 - 24VDC fixture voltage

OPTIONS

TYPE A ONLY:

- X3** • X3 - coming lead 3m (10') feed cable with connector
- X6** • X6 - coming lead 6m (20') feed cable with connector
- X9** • X9 - coming lead 9m (30') feed cable with connector
- X20** • X20 - coming lead 20m (65') feed cable with connector



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INSTALLATION DETAILS

Specifying continuous run (A+B+C)

A - START

A - has "U" typed flange to cover the start gap of the line (shown in page 1.)

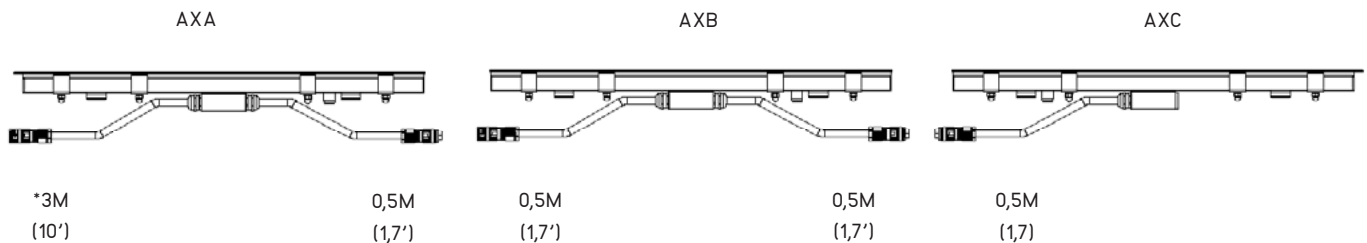
B - CENTRAL

B - has "I" typed flange to allow continuation of the line of light (shown in page 1.)

C - END

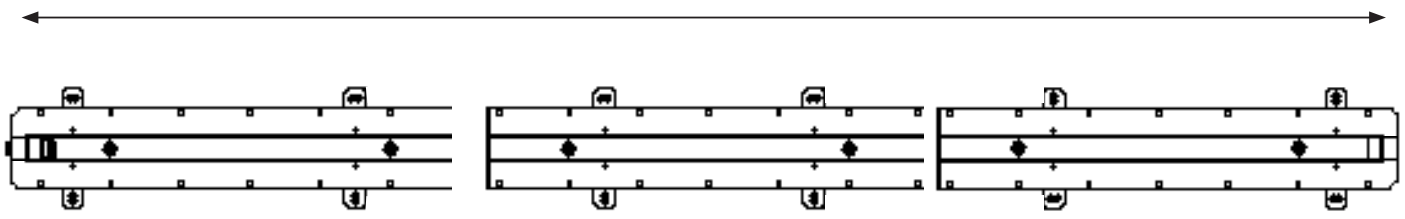
C - has "U" typed to cover the end gap of the line (shown in page 1.)

Cable length*



*CX3-CX9

Up to 10m max.(A,B,...B, C)
(33')



657mm
(25,9")

632mm
(24,9")

657mm
(25,9")

FA501

FB503

FC505

Note:

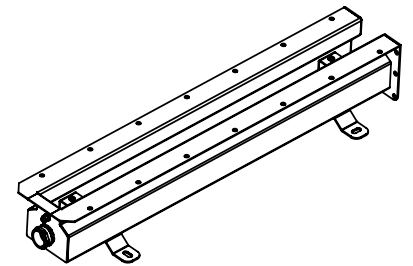
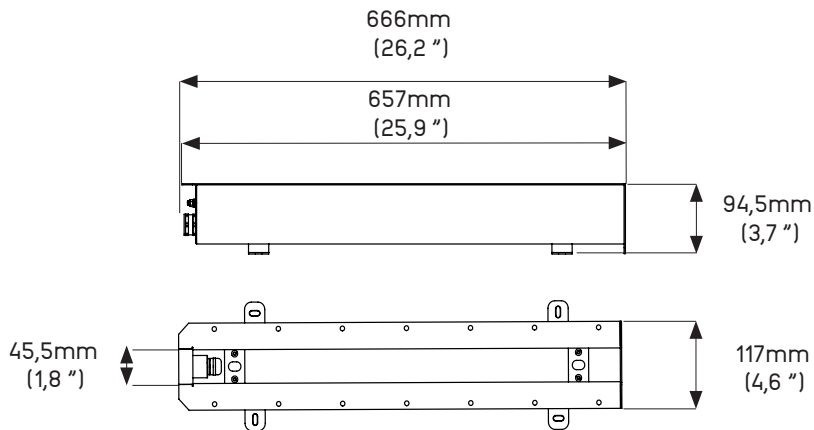
Possible to combine only FA housing + FC housing, min 1,2m



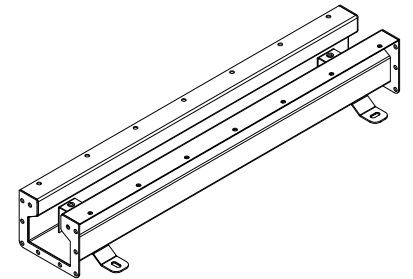
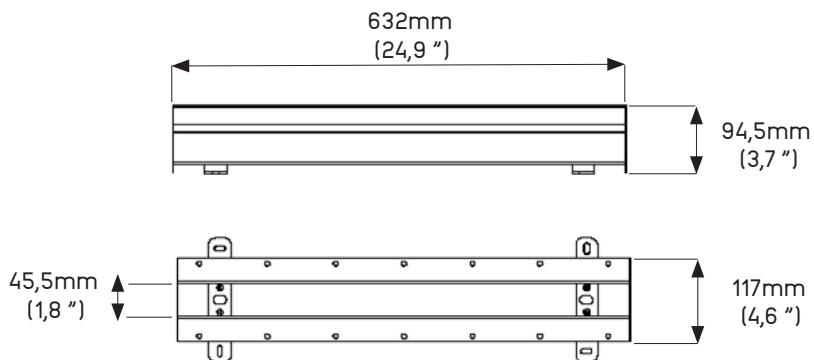
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HOUSING

Installation housing FA501 - Start *fits 1m (3,3') cable
Concrete pool installation end feed



Installation housing FB503 - Central *fits 1m (3,3') cable
Concrete pool installation central feed



Installation housing FC505 - End *fits 1m (3,3') cable
Concrete pool installation end feed

