

CHS Controls & OCEM

Full flush inset light and base - For runway end



Alltid tillgänglig - Alltid öppen!
www.chscontrols.se
Always available - Always open!

We offer a full flush inset light based on a combination of a special designed base and a standard semi-flush inset light from OCEM. Most inset lights protrude 6 mm or more. By using a standard light in combination with a special designed base, the following features are achieved

- The combination results in a full flush inset light
- The base protects the light from external effects

Full flush runway end lights offer a significant advantage when cleaning the runway from snow. Protruding lights may cause problems



Full flush approach lights type SLAP in a base with straight edge installed at a Norwegian airport.

during snow cleaning when using a steel bladed snow plow. A full flush light simplifies the snow cleaning and reduces the risk for damaging the light.

The light lenses can be equipped with a coat of sapphire glass working as a wear protection. The sapphire coating increases the lense life especially when steel brushes are used for cleaning the runway.

A full flush inset light offers significant benefits for military and combined civil-military airfields. By providing a full flush surface, they eliminate an arrester hook jump and assure the correct hook engagement to the arrester wire cable.

The bases are available in two versions

- Base with asphalt edge, the base is installed in the runway and asphalt is placed on the edge.
- Base with straight edge, the base is glued into the runway.



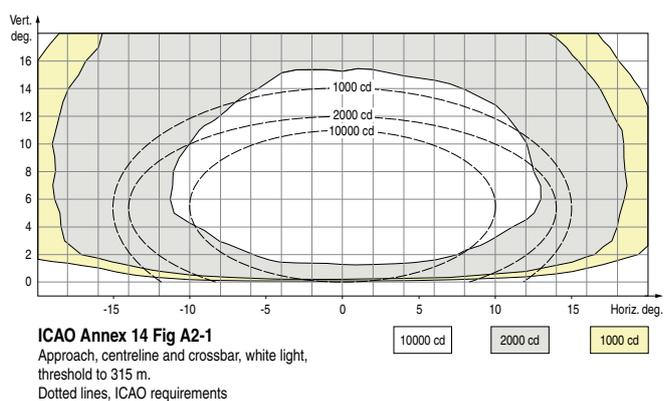
Full flush lights in bases with asphalt edge and with straight edge.

Full flush approach light - SLAP

Catalogue number

Basic number	ALPSLAP-C-ST-300-B20-0
Colour	C = White
Toe-in	ST = Straight
Lamps	300 = 3x105 W, 6,6 A reflectorized
Base type	B20 = Base with asphalt edge B21 = Base with straight edge
Option	0 = No option S = Special versions, installation 450 m beyond the threshold L = Sapphire glass coated lenses

Photometric



Contact CHS Controls for threshold wing bar green light and for approach side rows red light versions.

Contact CHS Controls for light spare parts.

Full flush threshold light - SLTH

Catalogue number

Basic number ALPSLTH-G-ST-200-B20-0

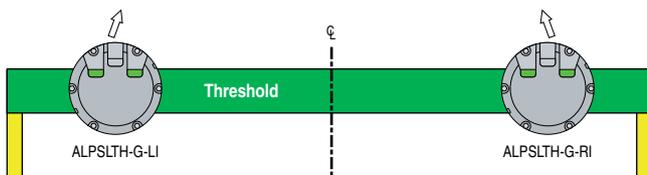
Colour
C = Green
A = Green, FAA, ETL certified

Toe-in, beam aiming not field adjustable
LI = Right
RI = Left

Lamps
200 = 2x105 W, 6,6 A reflectorized

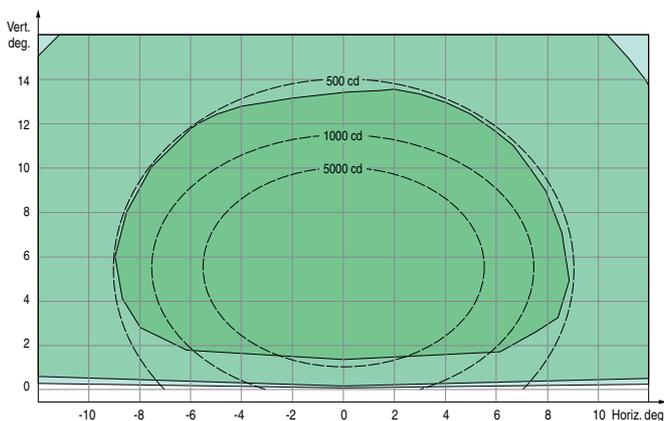
Base type
B20 = Base with asphalt edge
B21 = Base with straight edge

Option
0 = No option
L = Sapphire glass coated lenses



Contact CHS Controls for light spare parts.

Photometric



ICAO Annex 14 Fig A2-3
Threshold green light, toe-in 3,5°
Dotted lines, ICAO requirements.
The lower parts of the actual light distribution curves are adjusted based on testing with approach light SLAP.

Full flush runway end light - SLTE

Catalogue number

Basic number ALPSLTE-XR-ST-P1-100-B20-0

Colour
XR = Red

Toe-in
ST = Straight, ETL certified

Connection
P1 = 1 plug contact

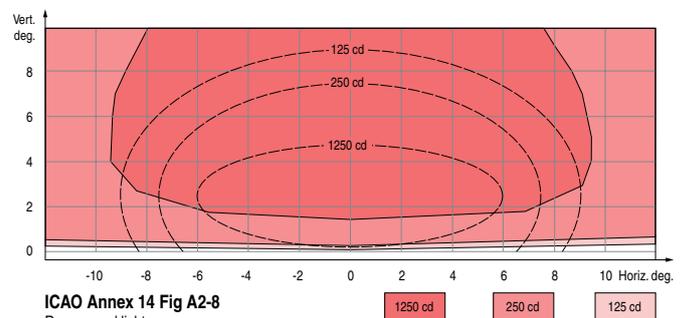
Lamps
100 = 1x105 W, 6,6 A reflectorized

Base type
B20 = Base with asphalt edge
B21 = Base with straight edge

Option
0 = No option
L = Sapphire glass coated lenses

Contact CHS Controls for light spare parts.

Photometric



ICAO Annex 14 Fig A2-8
Runway end light
Dotted lines, ICAO requirements.
The lower parts of the actual light distribution curves are adjusted based on testing with approach light SLAP.

Accessories

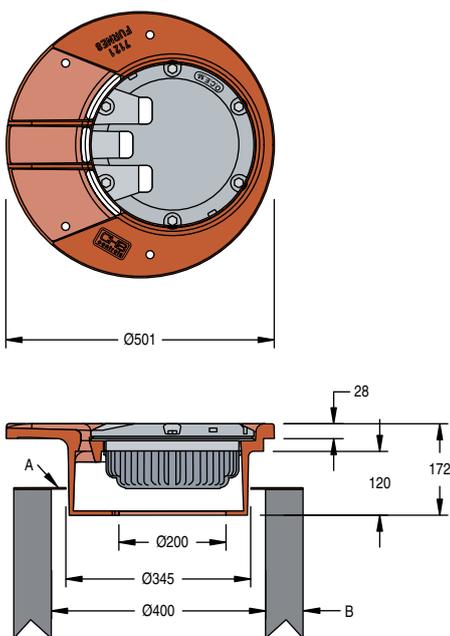
Description	Catalogue number	Weight kg/each
Cover ring for 400 mm concrete pipe or similar, prevents dirt to enter the concrete pipe	ALPFHBASECR	2,5
Cover plate for empty base, loadable	ALPFHCOVER	9
Light lifting tool for 12" light	ALPTOOLIFT12	0,3
Installation tool for full flush base	ALPTOOLFIXHBASE	20

Technical data

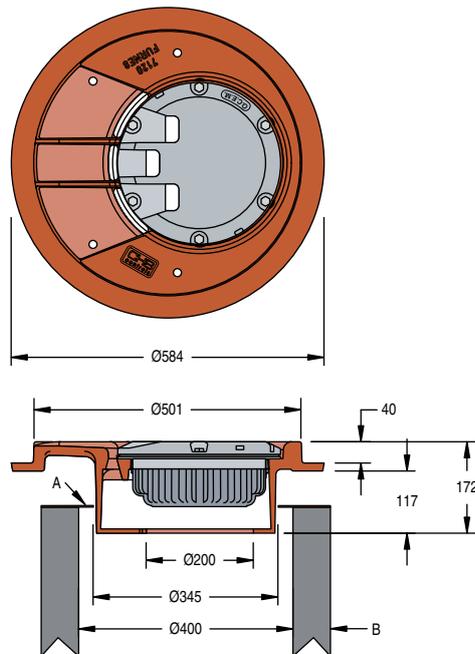
	Full flush approach light type SLAP	Full flush threshold light type SLTH	Full flush runway end light type SLTE
Light fixture diameter	12"/304 mm	12"/304 mm	12"/304 mm
Light source	105 W 6,6 A tungsten-halogen lamps with dichroic reflector	105 W 6,6 A tungsten-halogen lamps with dichroic reflector	105 W 6,6 A tungsten-halogen lamps with dichroic reflector
Power supply	Series circuit, 300 W transformer	Series circuit 200 W transformer	Series circuit, 100 W transformer
Terminals	FAA L-823 plug	FAA L-823 plug	FAA L-823 plug
Material, light	Aluminium	Aluminium	Aluminium
Material, base	Steel	Steel	Steel
Standards	ICAO Annex 14 - Volume 1 IEC TS 61827 NATO STANAG 3316	ICAO Annex 14 - Volume 1 IEC TS 61827 NATO STANAG 3316 FAA L-850E AC150/5345-46 ETL certified, FAA versions	ICAO Annex 14 - Volume 1 IEC TS 61827 NATO STANAG 3316

Dimensions, mm

Full flush light - base with straight edge - weight 37+8=45 kg



Full flush light - base with asphalt edge - weight 54+8=62 kg



A ALPFHBASECR
Cover ring, accessory
B Concrete pipe or
similar, supplied by
other

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