# IHE

INSET HIGH INTENSITY LIGHT

## LOW PROTRUSION 12mm

### Ordering Code

| I | H | E | - | A | L | S | 1 | - | 1 | 0 | 5 | - | 0 | 1 | - | 1 | - | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

- Model Name: IHE-ALS1 / ALS2
- Lamp Wattage: 105=6.6A 105W (MR-16)
- Light Color: 01:White 02:Red
- No. of Leads: 1 or 2
- Beam Orientat: L:Left C:Center R:Right

### Description

| Model Name | Item | Specification |
|---|---|---|
| IHE-ALS1 | Approach Centerline Light | 6.6A 105W*3 White |
| IHE-ALS1 | Approach Crossbars Light | 6.6A 105W*3 White |
| IHE-ALS2 | Approach Side Row Barrettes Light | 6.6A 105W*3 Red |

### Spare Parts

| Description | Specification | Ordering code |
|---|---|---|
| Upper cover | Approach Centerline Light | 131-518C |
| | Approach Side Row Barrettes Light | 131-518E |
| Lower cover | For 1 lead | Z140520 |
| | For 2 Leads | Z140530 |
| Prism | White | 141-004A |
| | Red | 141-004B |
| Lamp | 6.6A 105W | 111-224A |


YOUYANG
AIRPORT LIGHTING EQUIPMENT INC.

**Head Office**
738-2, Kwanyang-Dong, Dongan-Ku,
Anyang City, Kyunggi-Do, Korea
Tel : 82-31-422-0021 Fax : 82-31-424-6044
http://www.youyang.co.kr E-mail: youyang@youyang.co.kr


CAT. NO: B-201-a


# IHE

## LOW PROTRUSION 12mm

INSET HIGH INTENSITY LIGHT


嵌入式高光度灯

**IHE-ALS1: APPROACH CENTERLINE LIGHT/CROSSBARS LIGHT**
**IHE-ALS2: APPROACH SIDE ROW BARRETTES LIGHT**

**Compliance with standards**
**ICAO: Annex 14 Para.5.3.4.**
**IEC: 61827**
**FAA: AC 150/5345-46**
**KS: KS W 5011 (Korean Standard)**



IHE is low protrusion (12mm) inset light and this 12-inch diameter range uses a common casting and light bulbs for applications such as approach centerline and crossbars and side row barrettes lighting.

### Features

- Low protrusion (12mm) high intensity inset light
- Body casting made of aluminum alloy for lightness, mechanical strength and durability.
- Easy to replace non-sealed type prism
- Many common components with other YOUYANG 12-inch inset light fixtures
- Smooth sloped upper surface
- 105W lamp type for all applications
- Long lamp life 1000 hours at full brilliancy
- Direct mounting on 12-inch shallow base
- Mounting on standard FAA L-868 12-inch deep base
- Valve for watertightness after maintenance




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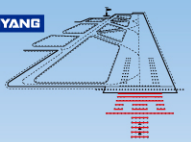
## LOW PROTRUSION HIGH INTENSITY LIGHT

YOUYANG

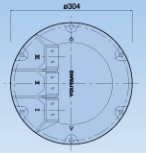


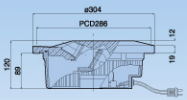


IHE-ALS1



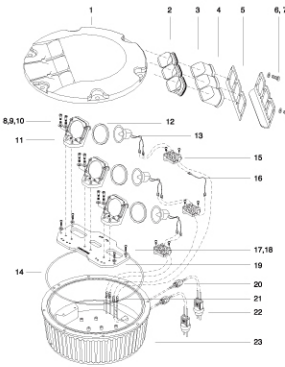
IHE-ALS2




Unit : mm

## Components

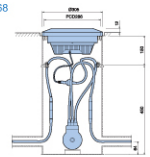



1. Upper body
2. Prism packing
3. Prism
4. Stopper pack
5. Prism stopper
6. Bolt
7. Spring washer
8. Bolt
9. Spring
10. Plate washer
11. Optical Assembly
12. Lamp fixed ring
13. Lamp
14. 'O' ring
15. Terminal block Assembly
16. Wire
17. Bolt
18. Spring washer
19. Lamp bracket
20. Cable gland
21. Terminal
22. 2 pole plug
23. Lower cover

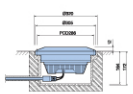
## Typical Mounting System

Unit : mm

L-868



12" Shallow Base

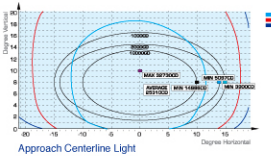


## Photometric Performance

### ▶ Approach Centerline Light

| Color | Angle | | Lamp | ICAO Intensity | Average Intensity |
|---|---|---|---|---|---|
| | V | H | | | |
| White | 2.5~13.5° | ±10° | 6.6A 105Wx3 | 20,000cd | 24,310cd |

● Chromaticity
-White X:0.4293, Y:0.4095

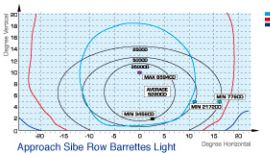



Approach Centerline Light

### ▶ Approach Sibe Row Barrettes Light

| Color | Angle | | Lamp | ICAO Intensity | Average Intensity |
|---|---|---|---|---|---|
| | V | H | | | |
| Red | 1.5~11.5° | ±7° | 6.6A 105Wx3 | 5,000cd | 5,280cd |

● Chromaticity
-Red X:0.6863, Y:0.3055




Approach Sibe Row Barrettes Light

## Lighting Layout Infomation

Unit : m

