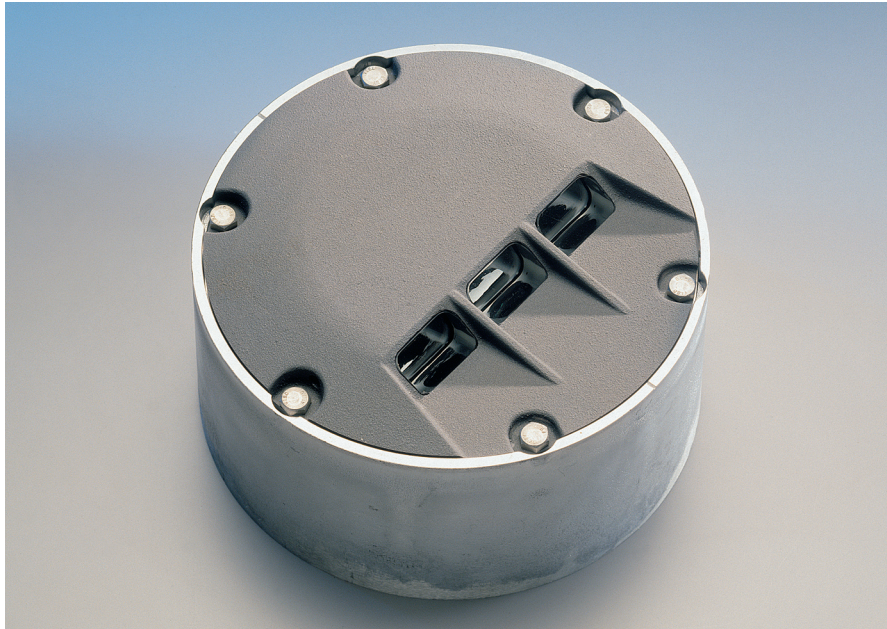


Subject to modifications.



**Approach light  
IDM 2051**



### Specification

- ICAO Annex 14 Volume I 4th ed. July 2004 chapter 5.3.4.
- FAA AC 150 / 5345 - 46B.

### Application

- Unidirectional high-intensity inset light for approach centre line, cross bar and approach side row.

### Mechanical construction

- Top cover, inner cover and base receptacle special corrosion resistant anodized aluminium alloy castings.
- Prisms sealed with gasket.
- Watertightness ensured by heat resistant silicone rubber gaskets.
- Stainless steel hardware.
- Improved vibration insulation for longer lamp lifetime.
- Inner cover equipped with rubber moulded plug KDC506 and seal integrity testing valve.

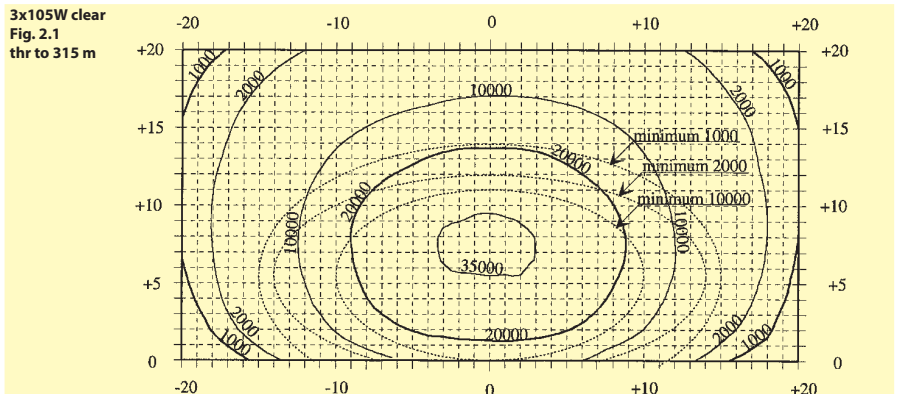
### Optical construction

- Prisms specially heat resistant high quality borosilicate glass.
- Dichroic colour prisms for side row applications.
- 3 x 105W / 6,6 A ø50mm reflector lamps. Average lifetime 1000 hours at rated current.

### Photometric data

Application	Requirements Annex 14, Appendix 2			Measured main beam intensities (kcd)			
	fig.	Imin	Iave	Iave	Imin	Imax	Min/Max ratio
Approach centre line and cross bars 3x105W, clear thr to 315m	2.1	10	20	27,2	12,7	38,3	1:3,0
Approach centre line and cross bars 3x105W, 641m and beyond	2.1	10	20	27,8	16,2	38,3	1:2,4
Approach side row 3x105W, red thr to 115 m	2.2	2,5	5	5,9	3,4	7,6	1:2,3

### Intensity distribution



### Dimensions

- Protrusion height 12,7 mm
- Diameter (Base) 326 mm
- Inset depth 150 mm

### Packing

- **Dimensions** 340x340x155 mm
- **Weight** Total 11,7 kg  
Light unit 6,8 kg

### Ordering information

IDM 2051 3x105 W - C - 0

C = Clear  
R = Red  
0 = No toe-in  
L = Toe-in left  
R = Toe-in right

### Advantages

- Same optics meets photometric requirements for all elevation settings.
- Ease of installation and maintenance brought even further with optional dedicated tools.
- Low protrusion construction only half of the allowed height.

© 2006 IDMAN Oy. All rights reserved.