



# Elevated Approach Light/ PK-30 Type



**EALK**

**Compliances:** ICAO Annex 14  
Transport Canada Specification K-302

## Applications

The EALK is a unidirectional elevated light which may be used as a clear or red approach light, a red end of runway light, and a green threshold light.

## Features

- Suitable for replacement of MB-2 lights per U.S. Air Force AFR 88-14.
- Uses PK-30d low power consumption lamps.
- Easy to install - mounts on a standard 2" (50mm) pipe and a frangible coupling or approach mast mounted.
- Easy to relamp - special tools are not required.
- Cast aluminum housing.
- Easy to aim - uses precise aiming device\* with digital readout.
- Sealed colored lens - eliminates need for filter and clips.
- Shipped fully assembled.

## Ordering Information

**How to Order:** To the basic catalog number, add the symbols for Color, Lamp type, Cable Assembly and Options (if any). A frangible coupling may be required for proper mounting and must be ordered separately.

### Examples:

98250-C-200 is a clear approach light with a 200 watt lamp.

98250-G-200-66 is a green threshold light with a 200 watt lamp and 6.5' (2m) long 6.6 amp cable.



**Fixture Type:**

**Light Color:**

- C = Clear Lens
- R = Red Lens
- G = Green Lens

**Lamp Type:**

- 100 = 100 Watts, 6.6 Amp, PK30d
- 150 = 150 Watts, 6.6 Amp, PK30d
- 200 = 200 Watts, 6.6 Amp, PK30d
- No symbol means a lamp is not included.

**Cable Assembly:**

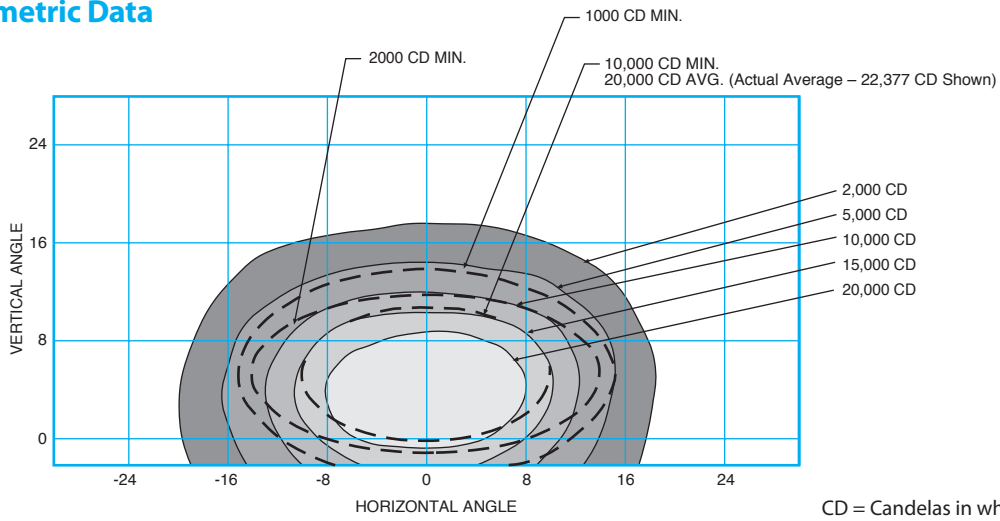
- 66 = 6.5 Feet (2 Meters) Long Cable, 6.6 Amp Rated with L-823 Plug
- No symbol means a cable is not included.

**Options:**

- 10 = Mounting Kit (Consist of 61062-1 Frangible Coupling and 25003 Cable Clamp Assembly).
- 11 = Ground Wire

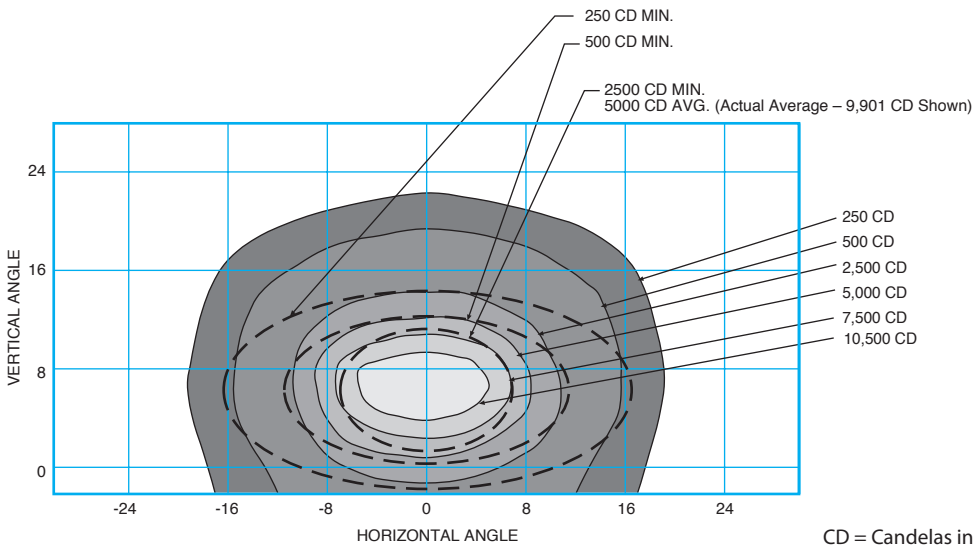
\* Order 50133 aiming device separately (one per facility).

# Photometric Data



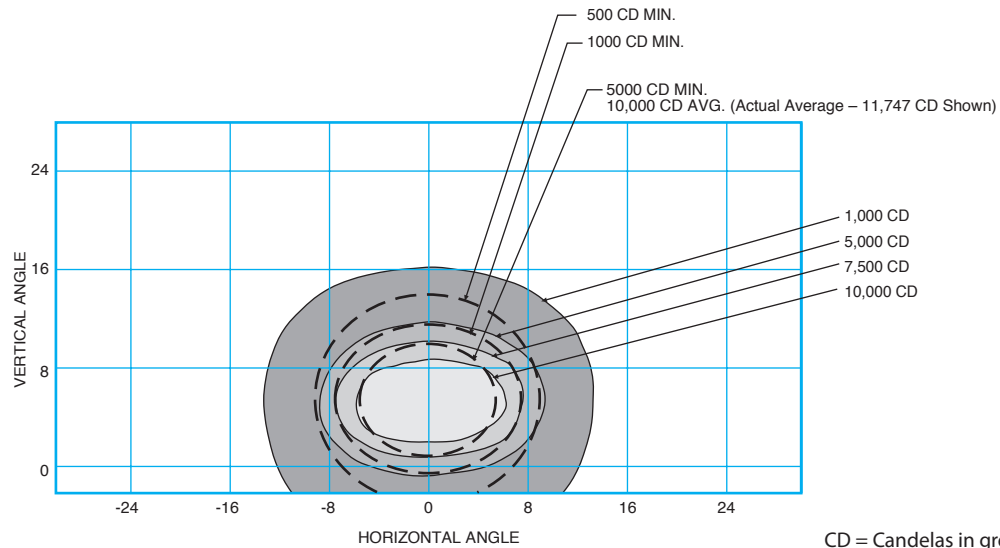
**APPROACH CENTERLINE & CROSS BAR WHITE LIGHT - 200 WATTS**  
(ICAO FIGURE 2.1)

CD = Candelas in white light



**APPROACH SIDE ROW RED LIGHT - 200 WATTS**  
(ICAO FIGURE 2.2)

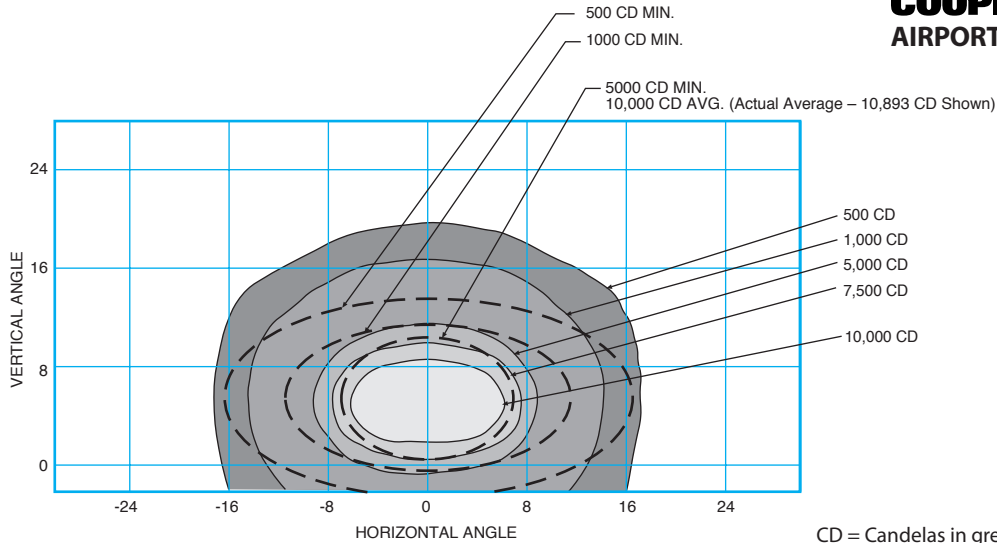
CD = Candelas in red light



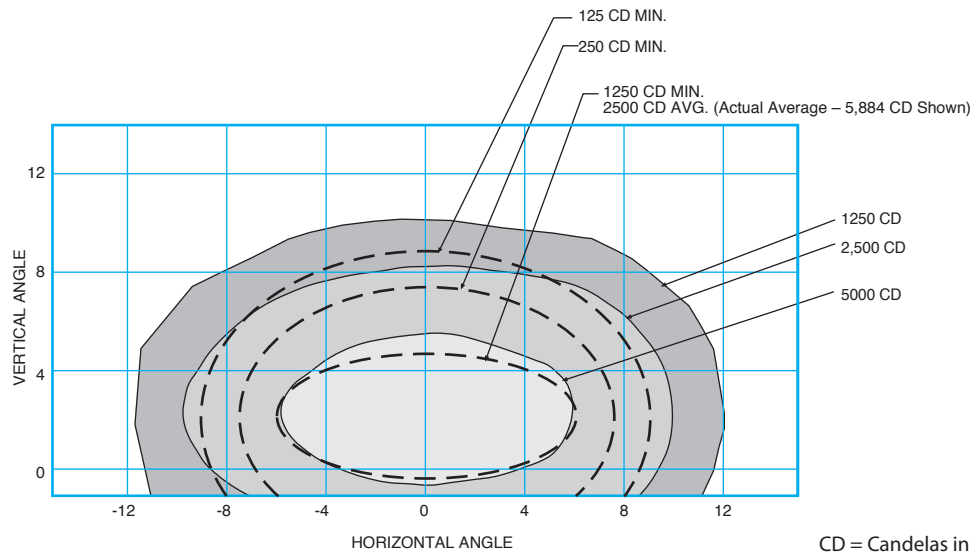
**THRESHOLD GREEN LIGHT - 150 WATTS**  
(ICAO FIGURE 2.3)

CD = Candelas in green light





**THRESHOLD WING BAR GREEN LIGHT - 200 WATTS**  
(ICAO FIGURE 2.4)



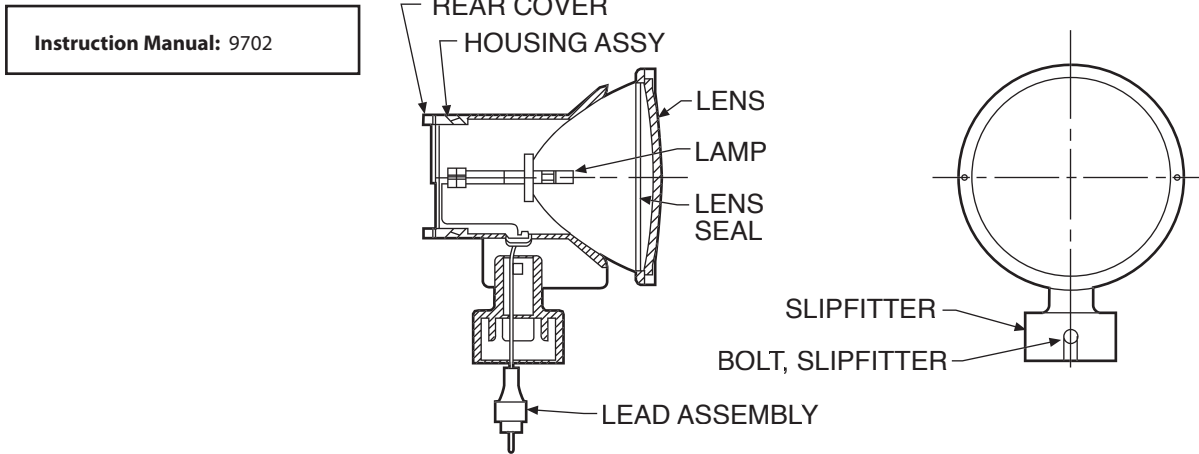
**RUNWAY END RED LIGHT - 100 WATTS**  
(ICAO FIGURE 2-8)

**APPLICATION/FIXTURE SELECTION TABLE**

APPLICATION (ICAO, USAF, NATO, U.S. NAVY)	CATALOG NUMBER
White, Approach Centerline and Cross Bar Light	98250-C-150-66* 98250-C-200-66*
Red, Approach Side Row Light	98250-R-150-66* 98250-R-200-66*
Green, Runway Threshold Light	98250-G-150-66 98250-G-200-66*
Green, Runway Threshold Wing Bar Light	98250-G-200-66*
Red, Runway End Light	98250-R-100-66

\* Confirmed by CSA Letter of Attestation.

## Outline Drawing



## Accessories

Part Number	Description	Shipping Weight		Shipping Volume	
		Lbs.	Kg.	Cu.Ft.	Cu.M.
33004	Isolation Transformer, 100 watts, 6.6/6.6A	8.6	3.9	0.3	0.009
33005	Isolation Transformer, 100 watts, 20/6.6A	8.6	3.9	0.3	0.009
33150	Isolation Transformer, 150 watts, 6.6/6.6A	8.9	4.04	0.3	0.009
33006	Isolation Transformer, 200 watts, 6.6/6.6A	8.9	4.04	0.3	0.009
33007	Isolation Transformer, 200 watts, 20/6.6A	8.9	4.04	0.3	0.009
61062-1	Breakable Coupling with Compression Fitting	1	0.5	0.03	0.001
AP1932	Baseplate, 2" Hub, 12" Diameter	8	3.6	0.14	0.004
AC21242H200301	Base L-867B, Class I, 24" Deep	52	23.6	2.6	0.074
823KP-D4-D4	Connector Kit L-823, 8 AWG, .32" to .43" O.D.				
50133	Aiming Device				
10047-2154	Heat Shrink Kit (1-piece)				
10047-1425	Heat Shrink Kit (2-piece)				

## Renewal Parts

Part Number	Description	Part Number	Description
50115-2	Housing Assembly	50136	Lead Assy., 6.6A, 6.5' (2m) Long
50124	Rear Cover Assembly	50126	Lens Seal
50256	Lens, Absorption Clear	10047-2138	Lamp, PK30d, 100 watts, 6.6A
50251-R	Lens, Absorption Red	10047-2310	Lamp, PK30d, 150 watts, 6.6A
50251-G	Lens, Absorption Green	10047-2477	Lamp, PK30d, 200 watts, 6.6A
50106	Slipfitter, Less Hardware	10A10-025D32	Bolt, Slipfitter

## Shipping Weights and Volumes

Catalog Number	Shipping Weight		Shipping Volume	
	Lbs.	Kg.	Cu.Ft.	Cu.M.
98250-C (or R or G) -100 (or 150 or 200)-66	4.5	2.04	0.70	0.020

