

Incandescent Floodlights

Applications:

- RCDE Incandescent Lighting Luminaires are permanently installed to provide general illumination in locations having hazardous atmospheres, such as:
- Oil refineries
 - Oil and gasoline loading docks
 - Aircraft servicing docks and shelters
 - Distilleries
 - Paint manufacturing plants
 - Pumping stations
 - Other Class I, Groups C and D locations

Features:

- RCDE Incandescent Lighting Luminaires have fixed mountings as follows:
- RCDE-6 – junction box base with four mounting feet or 2" threaded hub (fill sealing chamber with Chico® A after conductors are in place)
 - RCDE-6 adjustment allows rotation of 360° horizontally and 75° vertically
 - Locking screws hold housing firmly in position
 - RCDE-10 – junction box base with four mounting feet
 - Door which threads into housing includes heat- and impact-resistant lens; door has notches or holes provided for ease of removing or tightening
 - Factory wired leads through explosionproof seal to junction box
 - Adjustment that allows rotation of 360° horizontally and 135° vertically; locking bolts or clamps hold housing firmly in position

Temperature Performance Data:
(based on 40°C Ambient)

	150W	300W	500W
RCDE-6	T3B	T2B	
RCDE-10			T3C

Certifications and
Compliances:

- NEC/CEC:
RCDE – Class I, Division 1 and 2, Groups C, D; Class I, Zone 1 (see photometric data listing)
- UL Standard: 844
- CSA Standard: C22.2 No. 137 (RCDE6 only)

CEC/CSA Certified RCDE-6 - Cooper Crouse-Hinds Canada luminaires only.

Standard Materials:

- Body – copper-free aluminum
- Lens – glass-, heat- and impact-resistant

Standard Finishes:

- Natural

Size Ranges:

- RCDE – fixed mounting – ¾" hubs

Capacity Ranges:

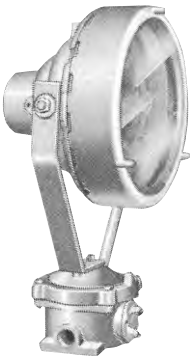
- RCDE-6 – 150 watt, PAR38 or R40; 300 watt, R40 (medium base)
- RCDE-10 – 500 watt, PAR64 Ext. Mog End Prong

Ordering Information:

After identifying the hazardous area, select the model of lighting luminaire required for that area. Then from the photometric data, select appropriate Cat. No. based on type of mounting desired (Example: RCDE-10 No. 47282).



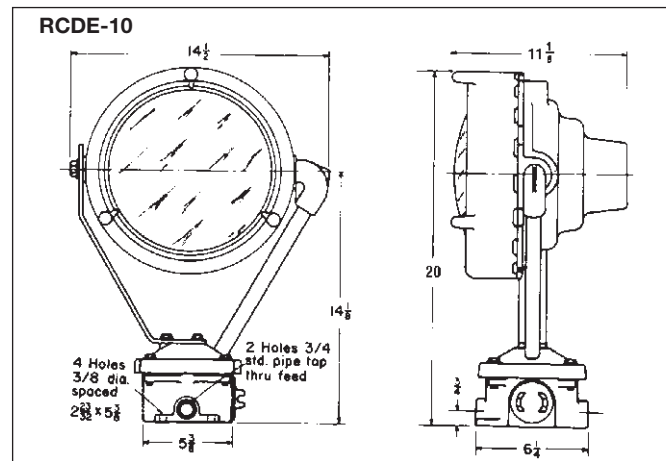
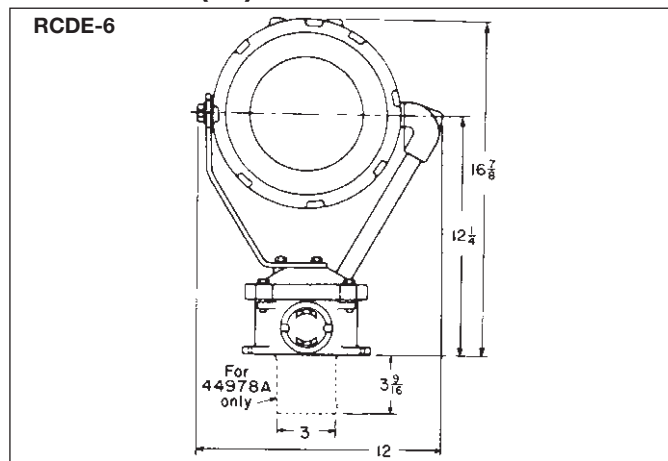
RCDE-6	
Description	Cat. #
Junction box base (2" threaded hub)	44978A
Junction box base (4 mtg. feet)	44719B



RCDE-10	
Description	Cat. #
Junction box base (4 mtg. feet)	47282A

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Dimensions (In.):



Fixture Weights:

Cat. #	Lbs. (Net)
RCDE-6	
44719B	21.0
44978A	21.0
RCDE-10	
47282A	26.0

Photometric Data:

Lamp Watts and Type	Location	Beam Spread		Beam Lumens	Av. Max. Candle Power
		Hor.	Vert.		
RCDE-6					
150 Watt PAR38 Flood	Class I, Groups C, D	60°	60°	1690	4000
150 Watt PAR38 Spot		28°	28°	1200	11500
300 Watt* R40 Flood	Class I, Group D	123°	123°	3200	1950
300 Watt R40 Spot		60°	60°	3100	8900
RCDE-10					
500 Watt, PAR64 (500 PAR64/NSP)	Class I, Group D	19°	14°	3000	110000
500 Watt, PAR64 (500 PAR64/MFL)		35°	19°	3300	37000
500 Watt, PAR64 (500 PAR64/WFL)		55°	32°	3400	13000

*CSA certified fixtures are for 150 watt lamp maximum.