

DIRECT / INDIRECT

ORDERING NOMENCLATURE



CONSTRUCTION

Housing is constructed of structurally embossed, heavy gauge, cold rolled steel. Standard troffer mounting for easy installation in T-bar ceilings. Attractive 2x2 or 2x4 direct/indirect fluorescent fixture with center-mounted lamps and extremely fine fit and finish. ETL listed for damp locations.

ORDERING NOMENCLATURE

(EX: CENTER LAMP DIRECT/INDIRECT, 3 LAMP, 32W T8, PERFORATED WHITE BAFFLE, MULTI-VOLT = RCDI332PWD)

SERIES	NUMBER OF LAMPS	WATTAGE	BAFFLE	VOLTAGE	BALLAST FACTOR
RCDI		2X2	PW = Perforated White	D = Multi-Volt*	BLANK = Normal
Center Lamp	1	17 = 17W T8, 24"		1 = 120V	H = High
Direct/Indirect	2	25 = 25W T8, 24"	DR = Ribbed Diffuser	2 = 277V	L = Low
	3	24 = 24W T5HO, 24"		3 = 347V	
		CF39 = 39W TT5, 24"		4 = 480V	
		CF40 = 40W TT5, 24"			
		CF50 = 50W TT5, 24"			
		CF55 = 55W TT5, 24"			
		2X4			
		28T8 = 28W T8, 48"			
		28T5 = 28W T5, 46"			
		30 = 30W T8, 48"			
		32 = 32W T8, 48"			
		48HO = 60W 800mA, 48"			
		54 = F54T5HO, 46"			

(*Multi-Volt is 120/277V)

OPTICAL SYSTEM

Available with either a white perforated metal basket with white opal acrylic diffuser inlay or ribbed diffuser. No visible light source or apparent glare. Perforated baffle and curved reflector produce a combination of direct and indirect light. Baffle release with retractable pins for fast re-lamping and maintenance.

ELECTRICAL SYSTEM

Ballasts are solid-state electronic. Ballasts and lamp holders are replaceable without removing from ceiling. Discrete voltage must be specified for emergency pack options when wired with flex.

MOUNTING

This fixture is designed for recessed ceiling mounting. Flange kits are available for sheetrock mounting, or fixtures can be mounted directly into a grid ceiling.

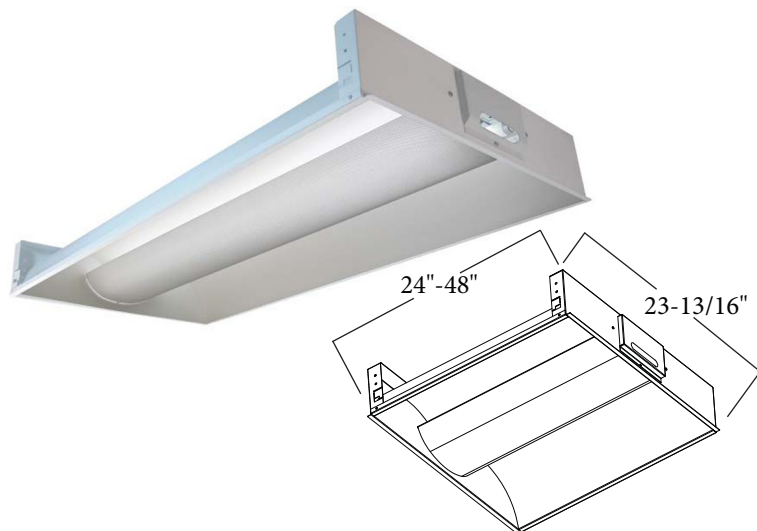
FINISH

All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder. Custom finishes are available upon request.

<p>SERIES RSDI Side Lamp Direct/Indirect</p>	<p>NUMBER OF LAMPS 2 4</p>	<p>WATTAGE 2X2 17 = 17W T8, 24" 24 = 24W T5HO, 24" 25 = 25W T8, 24" CF39* = 39W TT5, 24" CF40* = 40W TT5, 24" CF50* = 50W TT5, 24" CF55* = 55W TT5, 24" 2X4 28T8 = 28W T8, 48" 28T5 = 28W T5, 46" 30 = 30W T8, 48" 32 = 32W T8, 48" 48HO = 60W 800mA, 48" 54 = F54T5HO, 46" (*TT lamps available in only in two lamp configuration)</p>	<p>BAFFLE PW = Perforated White DR = Ribbed Diffuser</p>	<p>VOLTAGE D = Multi-Volt* 1 = 120V 2 = 277V 3 = 347V 4 = 480V (*Multi-Volt is 120/277V)</p>	<p>BALLAST FACTOR BLANK = Normal H = High L = Low</p>

RCDI SERIES

Center Lamp Direct / Indirect



ORDERING INFORMATION

Description	Part Number
2X2 2L 17W T8 120/277V	RCDI22217D(A)
2X2 2L 24W T5HO 120/277V	RCDI22224D(A)
2X2 3L 17W T8 120/277V	RCDI22317D(A)
2X2 3L 24W T5HO 120/277V	RCDI22324D(A)
2X4 2L 32W T8 120/277V	RCDI2232D(A)
2X4 2L 54W T5HO 120/277V	RCDI2254D(A)
2X4 3L 32W T8 120/277V	RCDI2332D(A)
2X4 3L 54W T5HO 120/277V	RCDI2354D(A)

Option Codes

(A) Options
 Blank - None
 10RS - ≤10% THD, Rapid Start
 P - Program Start
 20 - ≤20% THD

All part numbers shown here include white perforated baskets.

DESIGN

The RCDI Series Center Lamp Direct / Indirect fixture is designed for recessed ceiling mounting for direct/indirect lighting applications where aesthetics and performance are both required. It provides soft, balanced illumination. The contemporary styling makes it appropriate for offices or other architectural applications.

ACCESSORIES

Order as separate line item



6' 16/3 CORD W/ 15A NEMA PLUG
 C1 (120V)
 C2 (277V)
 C4 (480V)



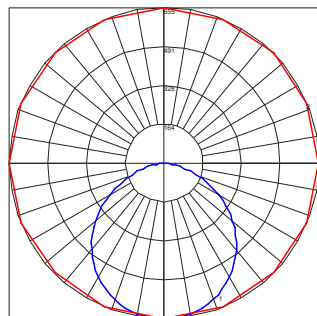
T8 EMERGENCY BALLAST
 EB5 (500 LUMEN)
 EB7 (700 LUMEN)
 EB14 (1400 LUMEN)
 EB30 (3000 LUMEN)



MOTION SENSOR
 WOC (120/277V)
 WOC1 (347/480V)

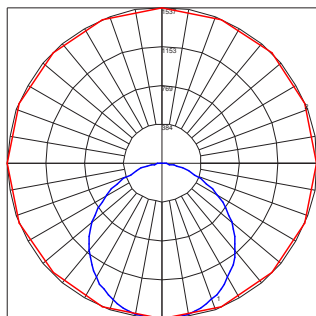
PHOTOMETRICS

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : RCDI2224.IES
 POLAR GRAPH



Maximum Candela = 655 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cs.)
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cs.)

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : RCDI254.IES
 POLAR GRAPH



Maximum Candela = 1537 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cs.)
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cs.)

1.800.225.0727

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All specifications are subject to change without notice. Please refer to www.techlightusa.com for the most current information.

MOUNTING



FLANGE KIT
 FK14 (1x4)
 FK22 (2x2)
 FK24 (2x4)

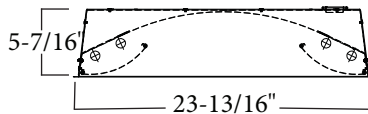
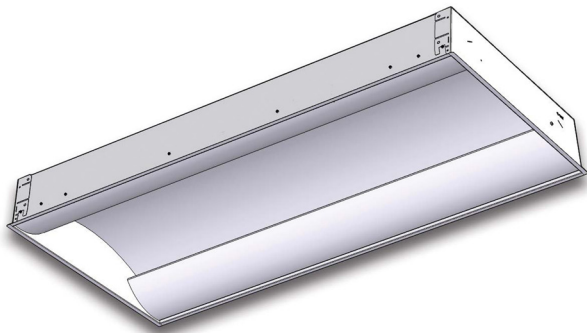
TECHNICAL INFORMATION

Housing is constructed of structurally embossed, heavy gauge, cold rolled steel. Available with either ribbed acrylic diffusers or perforated baskets. Wire way covers snap in for easy attachment and removal. ETL listed. Suitable for damp locations. Ballasts are solid state electronic. All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder.

DIRECT / INDIRECT

RSDI SERIES

Side Lamp Direct / Indirect





DESIGN


The RSDI Series Side Lamp Direct / Indirect fixture is designed for recessed ceiling mounting for direct/indirect lighting applications where aesthetics and performance are both required. It provides soft, balanced illumination. The contemporary styling makes it appropriate for offices or other architectural applications.

ACCESSORIES

Order as separate line item

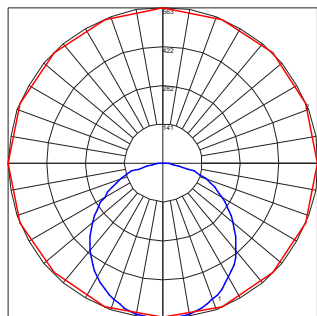
 **6' 16/3 CORD W/ 15A NEMA PLUG**
 C1 (120V)
 C2 (277V)
 C4 (480V)

 **T8 EMERGENCY BALLAST**
 EB5 (500 LUMEN)
 EB7 (700 LUMEN)
 EB14 (1400 LUMEN)
 EB30 (3000 LUMEN)

 **MOTION SENSOR**
 WOC (120/277V)
 WOC1 (347/480V)

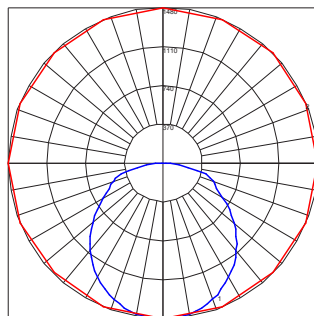
PHOTOMETRICS

IES INDOOR REPORT
 PHOTOMETRIC FILENAME: RSDI2224.IES
 POLAR GRAPH



Maximum Candela = 563 Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
 #1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
 #2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

IES INDOOR REPORT
 PHOTOMETRIC FILENAME: RSDI254.IES
 POLAR GRAPH



Maximum Candela = 1480 Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
 #1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
 #2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ORDERING INFORMATION

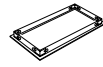
Description	Part Number
2X2 2L 17W T8 120/277V	RSDI22217D(A)
2X2 2L 24W T5HO 120/277V	RSDI22224D(A)
2X2 4L 17W T8 120/277V	RSDI22417D(A)
2X2 4L 24W T5HO 120/277V	RSDI22424D(A)
2X4 2L 32W T8 120/277V	RSDI2232D(A)
2X4 2L 54W T5HO 120/277V	RSDI2254D(A)
2X4 4L 32W T8 120/277V	RSDI2432D(A)
2X4 4L 54W T5HO 120/277V	RSDI2454D(A)

Option Codes

(A) Options
 Blank - None
 10RS - ≤10% THD, Rapid Start
 P - Program Start
 20 - ≤20% THD

All part numbers shown here include white perforated baskets.

MOUNTING



FLANGE KIT
 FK14 (1x4)
 FK22 (2x2)
 FK24 (2x4)

TECHNICAL INFORMATION

Housing is constructed of structurally embossed, heavy gauge, cold rolled steel. Available with either ribbed acrylic diffusers or perforated baskets. Wire way covers snap in for easy attachment and removal. ETL listed. Suitable for damp locations. Ballasts are solid state electronic. All reflective surfaces are finished with a high reflectance, lighting fixture white polyester powder.