CR100-DMX / CR100-DALI / CR100-D/0

80W 9800 LUMEN LED

MANUFACTURED IN THE UNITED STATES - IBEW

The **CR100-DMX** (DMX/RDM), **CR100-DALI** (DALI 2) or **CR100-D/0** (DIM TO OFF) is a powerful LED fixture designed for medium to long throw applications. This efficient, 80-watt LED fixture can produce a 12° degree beam that rivals line voltage PAR technology. Both models use a Citizen CITILED LED array that delivers a high lumen output and uniform color.

These fixtures are available in Black, White, and Silver finishes. Custom colors are available upon request.

LED SPECIFICATIONS

- Citizen CITILED LED array
- **Color Temperature Options:** 2700K, 3000K, 3500K, 4000K, 5000K, 5700K
- **CRI:** 80 standard or 92 optional
- **Lumen Maintenance:** 90% of initial lumen output at 33,000 hours on LM-80 testing
- No UV or IR

CRI	TOTAL WATTAGE*	LUMENS	EFFICACY (LM/W)
80	80	9800	123
92	80	8600	108

*** Total wattage equals LED plus driver. Delivered lumen may vary depending on LED module, color temperature, optics, and accessories. Testing done with 3000K COB.**

CONSTRUCTION

- Steel & aluminum housing with black, white or silver finish
- Internal accessory holder holds multiple accessories.
- **Weight:** 7 lbs.

ELECTRICAL

- Integral electronic driver
- 100-277V, 50/60Hz
- Meets FCC 47 CFR Part 15/18 Requirements

DIMMING

- Supports DMX / RDM dimming, DALI 2 or functions with standard 0-10V dimmers for DIM TO OFF (D/0)
- DMX version dims to 0.1%. DALI and D/0 versions dim to OFF.
- Logarithmic dimming curve
- DMX Addressing done in the field with an RDM Controller.
- DMX Failure mode - Fail ON

OPTICS

- 12°, 19°, 33° 40°, 48°, 55°, and 64° field - changeable reflectors

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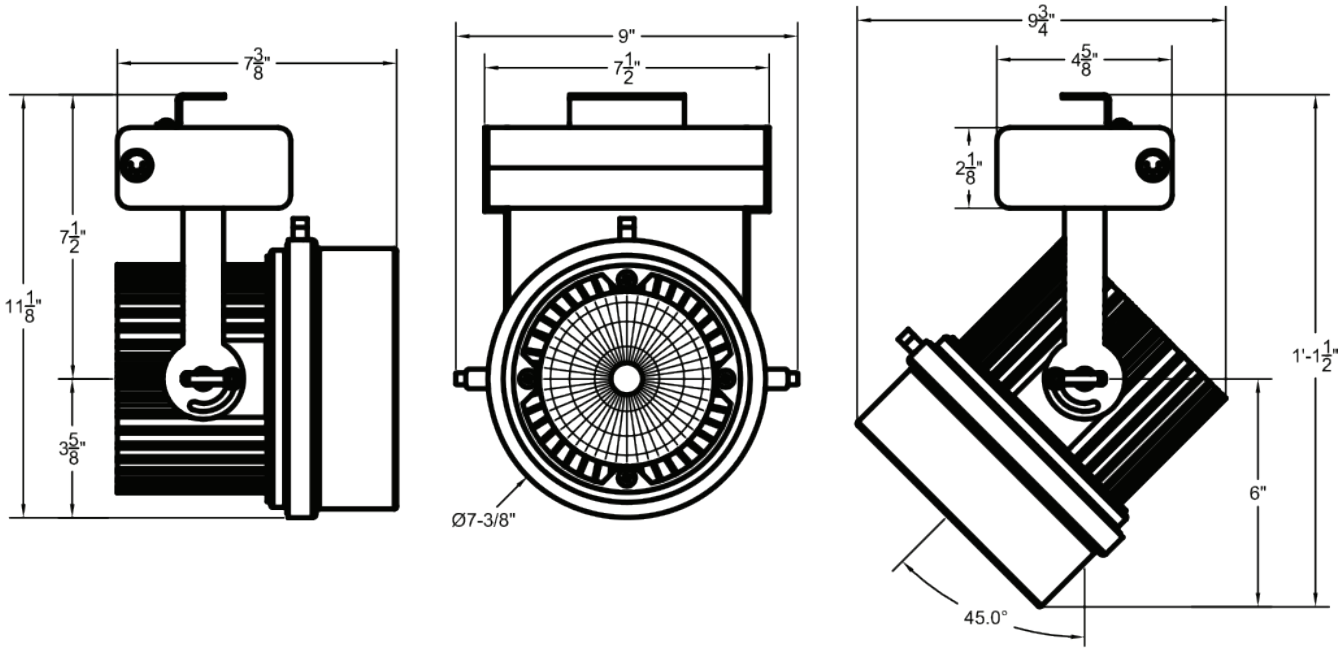
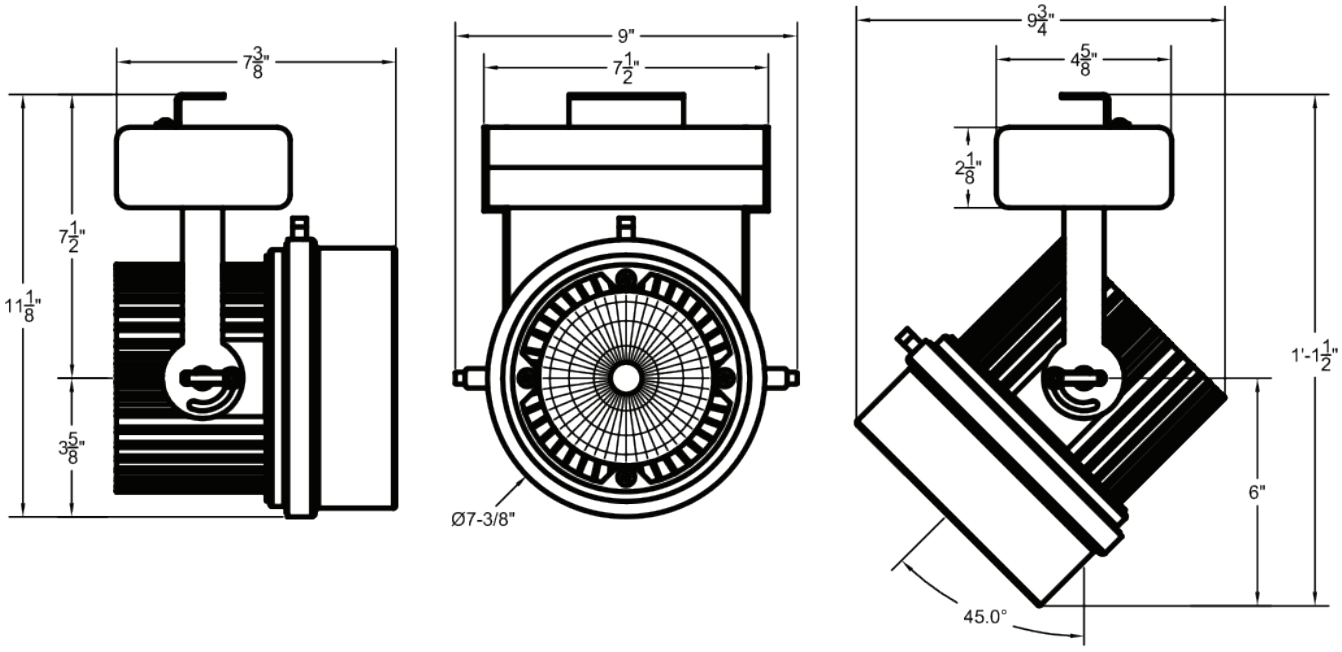
lead-free RoHS 2002/95/EC

PRODUCT LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY

CR100-DMX WITH 5-PIN XLR



CR100-DALI & CR100-D/0



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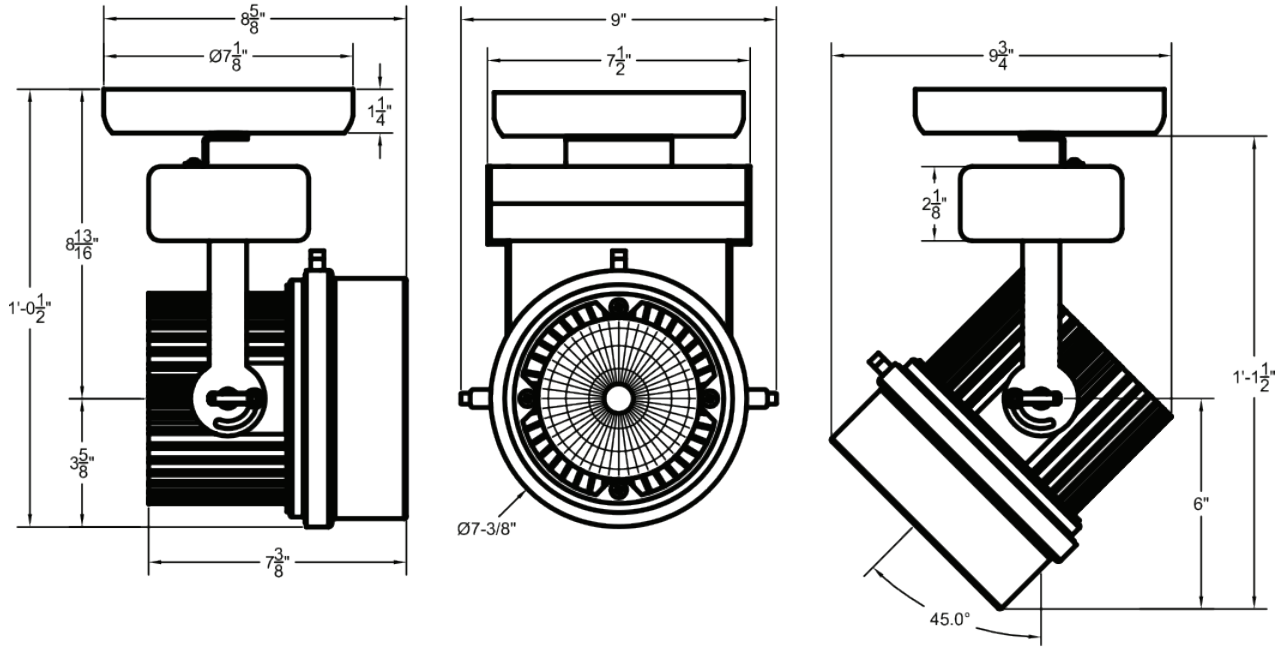
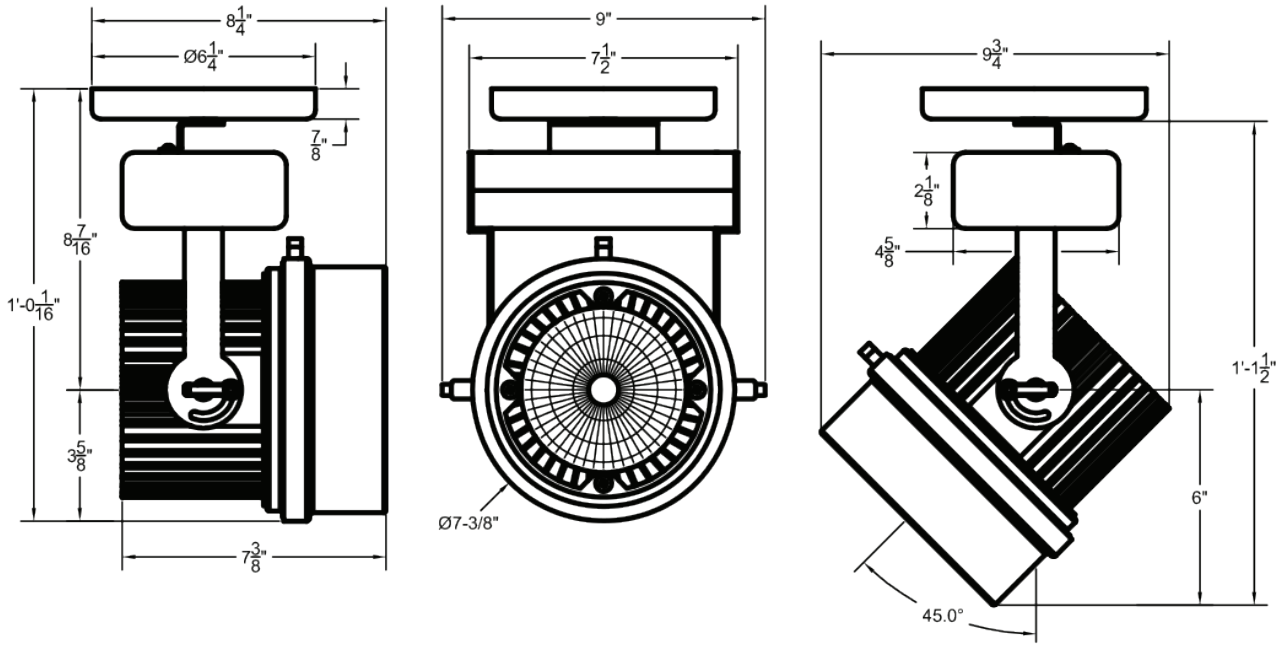
CR100-DMX ON TC (TERMINAL BLOCKS IN CANOPY)



CR100-DALI & CR100-D/0 ON CM4



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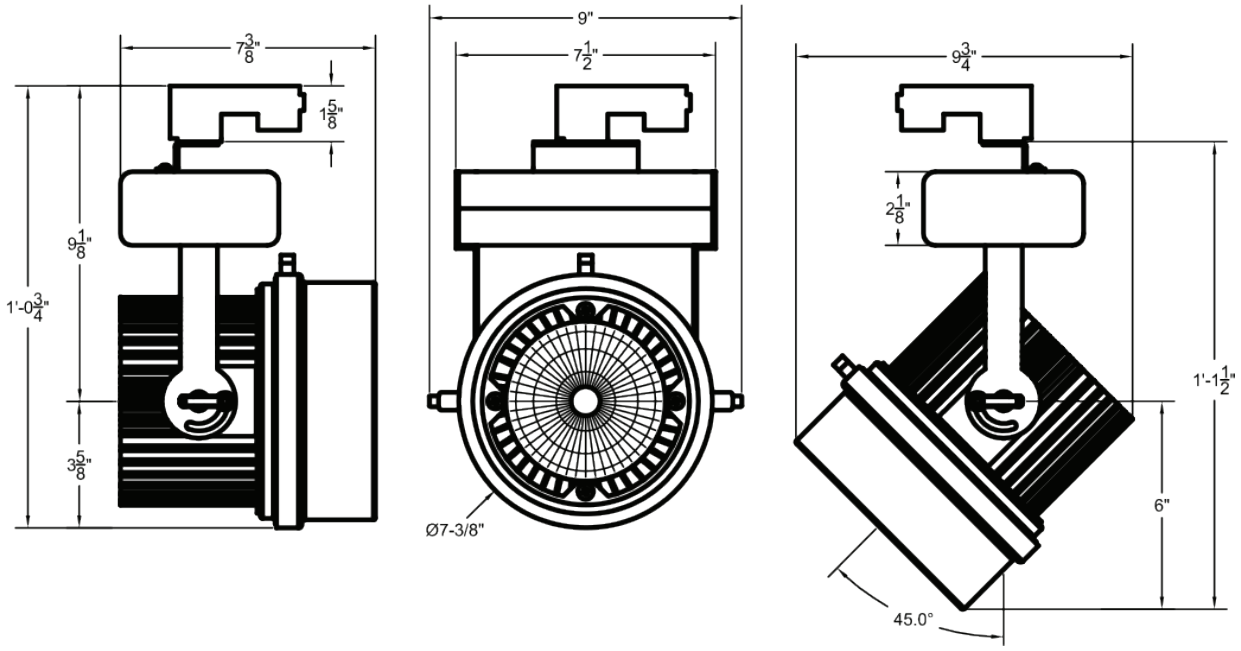
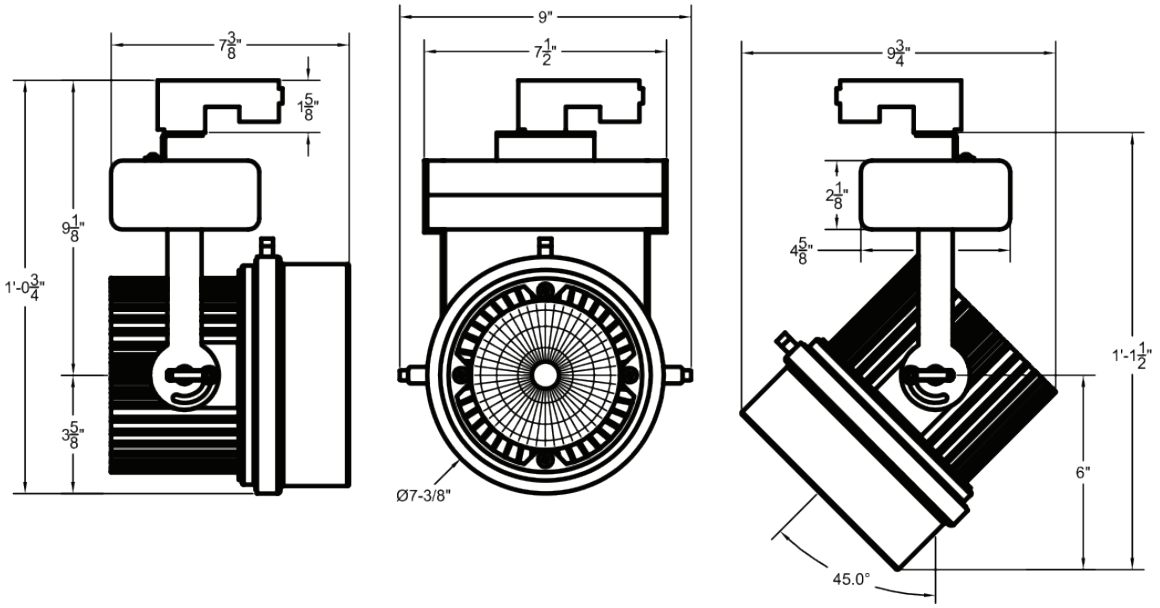
CR100-DMX ON DT2 OR HDT2 SPEC TRAC ADAPTER



CR100-DALI & CR100 D/0 ON DT2 OR HDT2 SPEC TRAC ADAPTER



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PHOTOMETRIC DATA

12° Spot Reflector

Distance	Beam Spread	Footcandles
10′	2′	780
20′	4′	195
30′	6′	87
40.	9′	49

19° Spot Reflector

Distance	Beam Spread	Footcandles
10′	3′4″	328
20′	6′8″	82
30′	10′	36
40.	13′4″	21

33° Spot Reflector

Distance	Beam Spread	Footcandles
10′	6′	160
20′	12′	40
30′	18′	18
40′	24′	10

40° Spot Reflector

Distance	Beam Spread	Footcandles
10′	7′3″	130
20′	14′6″	33
30′	21′8″	14
40.	29′1″	8

48° Spot Reflector

Distance	Beam Spread	Footcandles
10′	8′10″	88
20′	17′8″	22
30′	26′6″	10
40.	35′4″	6

55° Spot Reflector

Distance	Beam Spread	Footcandles
10′	10′4″	79
20′	20′8″	20
30′	31′	9
40.	41′4″	5

64° Spot Reflector

Distance	Beam Spread	Footcandles
10′	12′7″	55
20′	25′2″	14
30′	37′9″	6
40.	50′4″	4

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MOUNTING OPTIONS

DT2 Track adapter for SpecTrack 2-Circuit data track. 120V.

HDT2 Track adapter for SpecTrack 2-Circuit data track. 277V.

GAC 3-Circuit track adapter for databus pulse track. 120V.

CT Terminal Blocks in canopy - DMX only.

CM4 Canopy Mount - DALI or D/0 only.

US1 6-5/8" x 1-1/2" Unistrut Adapter ***†**

TB8 8" x 8" Portable table base for floor and table use ***†**

MC Light duty pipe clamp for small fixtures. For pipes up to 1 5/16" O.D. ***†**

MN Medium duty pipe clamp for small to large fixtures. For pipes up to 2" O.D. ***†**

PC9M Heavy duty pipe clamp for large, heavy fixtures. For pipes up to 2" O.D. ***†**

EXTENSION WANDS

SP 12	12" Stem
SP 18	18" Stem
SP 24	24" Stem
SP X	Custom Length

*** For DMX Models:** Supplied with power cord and two data connectors (not for use with Track Adapters).

† For DALI or D/0 Models: Supplied with 6' foot long; five conductor power cord for hard wiring.

ACCESSORIES

LV9	Louver
LV9BD	Louver (for use with BD9)
BD9	Barndoor
HD9	Hood
SH9	Sparkle Hood
XH9	Cross Baffle Hood
CF9	Color Frame
GF9	Glass Color Filter
DF9	Dichroic Color Filter
GF9-600	5° x 50° Linear Lens
GF9-601	Beam Softener
GF9-673	50° x 50° Spread Lens
CC18	Coiled Cord
SC-24	Safety Cable

NOTES ON DIMMING

Visit **tslight.com/resources** or scan the QR Code.

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SPECIFY:

MODEL	LED MODULE	COLOR TEMPERATURE
CR100	80 92	**27** = 2700K **30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K **57** = 5700K *
FINISH	**VOLTAGE**	**OPTICS**
B = Black **W** = White **S** = Silver **CC** = Custom Color	120 277	**12** = 12° **19** = 19° **33** = 33° **40** = 40° **48** = 48° **55** = 55° **64** = 64°

MOUNTING	DIMMING †	CONTROL / DMX CONNECTOR (If Required)	ACCESSORIES
See Mounting Options for Ordering Codes	**DX** = DMX / RDM **DA** = DALI 2 **D/0** = 0-10V Dim to Off	**3** = 3-Pin XLR **5** = 5-Pin XLR **E** = RJ45 Ethernet	See Accessory Options for Ordering Codes

Maximum Ambient Temperature: 35°C
Maximum Operating Angle: 45° from vertical

* 80 CRI Only

† See "Notes on Dimming"

ORDERING INFORMATION

PROJECT:	
LOCATION:	
QUANTITY:	
CONTACT:	
PHONE:	
EMAIL:	

EXAMPLE: CR100-9230-B-120-12-DT2-DX

MODEL	LED MODULE	COLOR TEMPERATURE	FINISH	VOLTAGE	OPTICS	MOUNTING	DIMMING	CONNECTOR	ACCESSORIES
CR100									