



CRN2-LED

Correctional Behavioral Health **LED** Recessed Flange

PRODUCT SPECIFICATION

The CRN2 series is designed for use in all levels of correctional facilities, behavioral health units, and high abuse applications. Anti-ligature for patient safety.

Mounting

Mounts recessed in metal pan or gypsum ceiling with universal mounting brackets.

Housing

18 gauge die-formed cold rolled steel with seams welded and ground smooth.

Door

One-piece die-formed cold rolled steel overlapping door with 14 gauge lens retainers. Freedom Hinge™ design permits removal and hinging from either side. 304 Stainless steel available.

Internal Lens

Optic Plus lens (standard) completely hides diode image while providing greater than 90% light transmission.

Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

Hardware

Recessed, stainless steel, tamper-proof fasteners.

Driver

0-10Vdc 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

Wiring

.875 in. diameter knockout. Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Certifications

UL Listed damp or wet location.

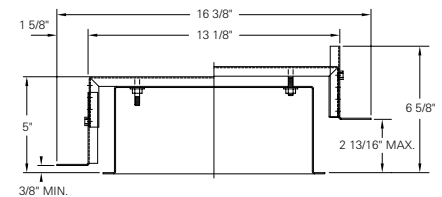
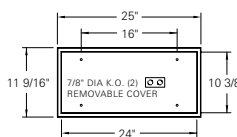
Job Name

Fixture Type

Catalog No.

Approval

Date



RECOMMENDED CEILING CUTOUT = 10 5/8" X 24 1/4"



CRN2 - one two three four five six seven eight nine ten eleven twelve thirteen
- / - - DM - / - -

one LED Source

Refer to the LED Source Table on Page 2 for available options.

two Color Temperature

30 3000K
35 3500K
40 4000K
50 5000K

three CRI

80 80 CRI
90 90 CRI

four Door Gauge

N 18 gauge, minimum security
D 16 gauge, medium security
X 14 gauge, maximum security
U 12 gauge, super max, CRS only

five Door Material

C Cold rolled steel
S 304 Stainless steel

six Finish

R Brushed (Stainless steel only)
W White

seven Voltage

VAR Variable, 120-277 V, 50/60Hz
347 347VAC, 60Hz

eight Driver

DM 0-10Vdc Dimming, standard

nine Internal Lens

122 Optic Plus LED diffusing acrylic, standard
130 .125 in. LED diffusing Lexan
53 .125 in. K12 prismatic acrylic
12 .125 in K12 prismatic polycarbonate
15 .156 in. K12 prismatic polycarbonate
16 .187 in. K12 prismatic polycarbonate

ten External Lens

33 .125 in. clear polycarbonate
30 .187 in. clear polycarbonate
32 .250 in. clear polycarbonate
36 .375 in. clear polycarbonate
38 .500 in. clear polycarbonate
90 .187 in. clear tempered glass
92 .250 in. clear tempered glass
96 .375 in. clear tempered glass

eleven Door Fasteners

AP Stainless steel allen head with pin
TP Stainless steel torx head with pin
PH Phillips, non-security

twelve UL Listing

D Damp Locations
W Wet Location

thirteen Options

2C Two-circuit wired
CU Canadian UL Listing
CP CCEA Chicago
EM Emergency battery backup
FH Fuse and holder
NL-LED Night light, LED (Amber available)
5-100% Adjustability
IMS Integral Occ Sensor
PF Plaster frame

Housing Material

AH Aluminum
SH Stainless steel

Modifications are available to meet custom requirements.
Specifications and dimensions are subject to change without notice.

Delivered lumen output calculated using 122 inner lens and 32 (.250" Clear Polycarbonate) outer lens (Highlighted below)

Specified Output Option

Example Model:
CRN2-**2W**SO-40/80-DCW-VARDM-122/32-TPD-(**XX/LUMENS**)
LUMENS = You provide the lumens.
XX = We will provide the wattage information.