dado Lighting
Exterior HardLine LED 1.5 or 2.5 x 1-3/4"

Type: _____

Shallow lines of light with IP65 rating for exterior (or interior) applications.
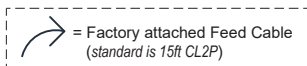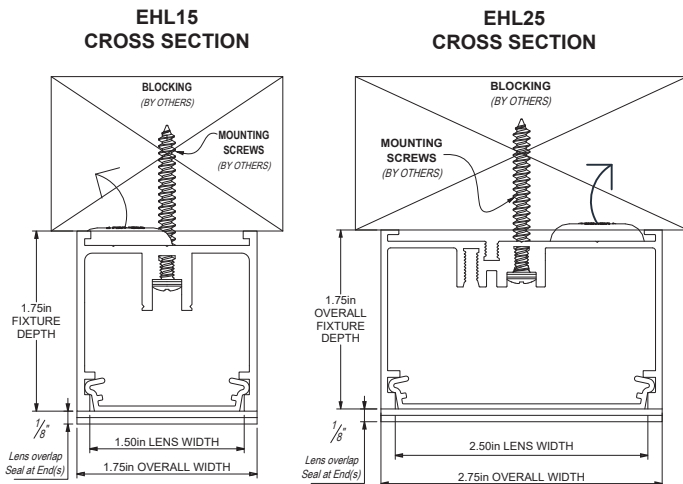
Mounts on or within hard surfaces.

Remote driver for easy maintenance & maximum life.
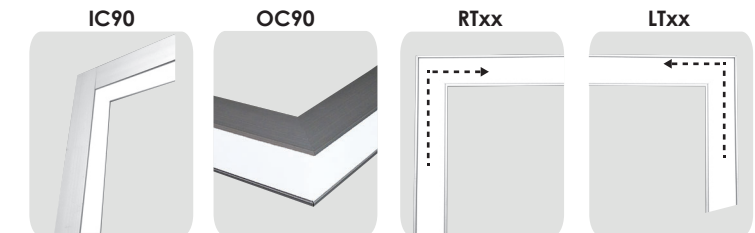
Order in any length for precise fit.

1.75" depth meets ADA when surface mounted.

Illuminated corners: Inside, Outside, Left or Right.

Lens Length per Specifier

Ordering

Series	**EHL15** ☐	Exterior HardLine LED 1.5 inch width
	EHL25 ☐	Exterior Hardline LED 2.5 inch width
Lamping	**3E** ☐	143Lu/ft LED 3.0w/ft (10w/m)
	6E ☐	285Lu/ft LED 6.0w/ft (20w/m)
Color	**27** ☐	2700K, 90+ CRI
	30 ☐	3000K, 90+ CRI
	35 ☐	3500K, 90+ CRI
	40 ☐	4000K, 90+ CRI
	RGB30 ☐	RGB+3000K
	RGB35 ☐	RGB+3500K
	RGB40 ☐	RGB+4000K
Wire Harness	**1** ☐	Single
Lens	**PCW** ☐	Polycarbonate White (*Continuous up to 25'*)
Driver	**R** ☐	Remote
Start End	**S** ☐	Straight End
	Axx ☐	Mitered ends (*xx = 1° to 45°*)
	MF ☐	Mud Flange for use with stucco or EIFS
Length *Add OAL to include 3/8" thick end caps in length*	**___** ☐	*xx is distance in inch or mm*
	PAT ☐	Use to denote patterns as drawn
Transition *(Only if lens changes direction. Consult factory for angles beyond range shown.)*	**LT__** ☐	Left Turn same plane (*degrees 66° to 179°*)
	RT__ ☐	Right Turn same plane (*degrees 66° to 179°*)
	OC__ ☐	Outside Corner (*degrees 75° to 179°*)
	IC__ ☐	Inside Corner (*degrees 75° to 179°*)
Finish End	**___** ☐	*Choose from* Start End *choices listed above*
Lip Color *Paint finish is always "E" for entire (all visible sides)*	**NA** ☐	Natural anodized
	BKE ☐	Black Entire
	WHE ☐	White Entire
	BZE ☐	Bronze Entire
	___ ☐	Custom Color: _____
Units	**in** ☐ inches	**mm** ☐ millimeters
Options	**CL2P__** ☐	Longer length CL2P feed cable (*std is 15ft*)
	EF ☐	Feed cable exits end (*10' or shorter housings*)
	EME ☐	All feed cables labeled for connection to EM circuit
	EM8 ☐	8ft section(s) labeled for connection to EM circuit
	BT ☐	Barrier Tape (*concrete, mortar, stucco mounting conditions*)

EHL15 CROSS SECTION

BLOCKING (BY OTHERS)
MOUNTING SCREWS (BY OTHERS)
1.75in FIXTURE DEPTH
1/8"
Lens overlap Seal at End(s)
1.50in LENS WIDTH
1.75in OVERALL WIDTH

EHL25 CROSS SECTION

BLOCKING (BY OTHERS)
MOUNTING SCREWS (BY OTHERS)
1.75in OVERALL FIXTURE DEPTH
1/8"
Lens overlap Seal at End(s)
2.50in LENS WIDTH
2.75in OVERALL WIDTH

IC90 | OC90 | RTxx | LTxx

Transition examples

⟶ = Factory attached Feed Cable (*standard is 15ft CL2P*)

Environmental Data

For 6E lamping at 3500k :
W: 6.0W/ft (20W/m)
LLD: 50,000hrs @ 70%lm
16ft (4.9m) on one 100w driver

Ambient Temp: 0° ~ 122°F (-20 ~ 50°C)
No Mercury, No UV, No Flicker
Warranty: **3** years
cETLus Wet Listed IC Rated

Exterior HardLineLED 1.5 or 2.5 x 1-3/4"

Remote power supply separates the heat from the driver & LED to maximize the lifespan of both, and allows drivers to be located indoors, if needed, for easy maintenace.

Power Supply Enclosure Notes:

Remotely located power supply with 24Vdc Constant Voltage, output for simple Class 2 Installation.
Electronic Drivers 50/60 Hz, 120 thru 277 input.
Choice of 0-10V dimming or switched on/off.
Nxx requires 8W and D010 requires 20W minimum load.
Type A Sound Rating
Non IC installations standard; consult factory for IC installation.
Surface mounted or recessed in wall or above accessible ceilings.
Housing is formed 16ga CRS with White paint finish.
Listed for 90°C conductors with 1/2" trade size Knock Outs.

Driver Notes:

D010 Dimming Electronic drivers - Input 120V thru 277V, 50/60Hz.
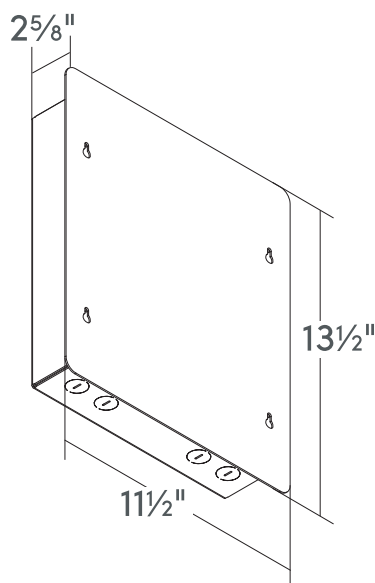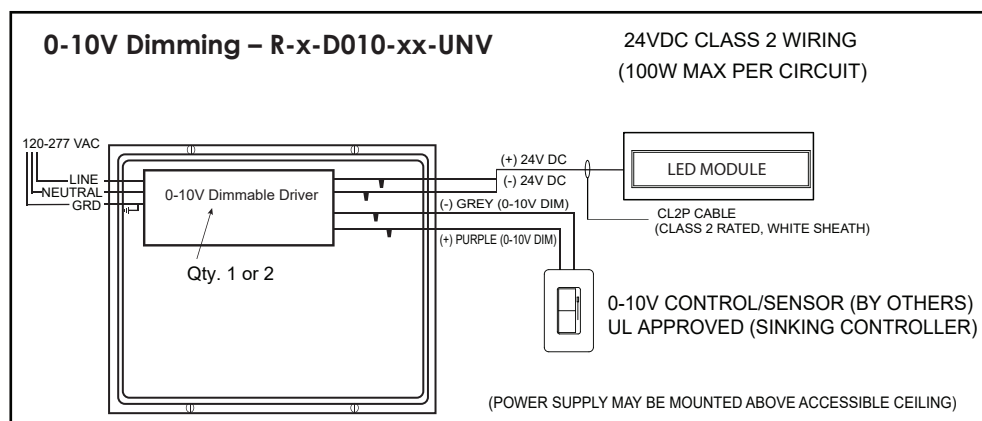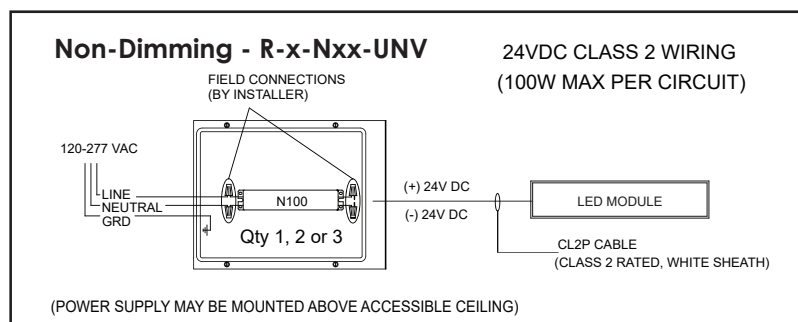0-10v Dimming or on/off switching.
Available wattages: 100W, 60W, 40W.

N Electronic drivers - Input 120V thru 277V, 50/60Hz. Non dim drivers.
Available wattages: 96W, 75W, 60W, 40W, 20W, 15W, 10W, 8W.

DDMX Digital Multiplex, Bi Directional RDM v1.0 (E1.20-2006 ESTA standard) addressable DMX decoder. Up to 5Ch output (RGBW). Input 120V thru 277V, 50/60Hz. input and output data ports are 3wire/XLR/RJ45.
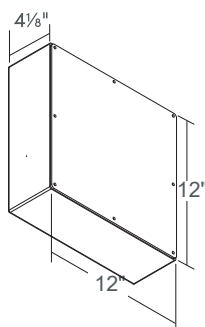
PDMX Programmable DMX control for fixed color applications. Works well with gels or filters. Use RGB, RGBW to create a pop of color without DMX master control systems.Input 120V thru 277V, 50/60Hz. Provide R/G/B/W % or DMX value. Decoders are programmed at the factory.
No DMX cable required between remote locations.

Driver*	R	☐ Remote
Drive Qty Per PSE**	x	☐ Factory determined (*for optimum consolidation*)
Type	**Nxx**	☐ Non-dimming (*white light only*)
	D010	☐ Dimming via 0-10V (*white light only*)
	DDMX	☐ DMX Control (*white light, RGB, RGBW*)
	PDMX	☐ Factory Programmed (*static light*)
Voltage	**UNV**	☐ Universal 120-277V
Options	**CP**	☐ Chicago Plenum Rated PSE
	POLY	☐ NEMA 6P Rated Poly box PSE

*Constant factory for other driver options.   **Power Supply Enclosure

Non-Dimming - R-x-Nxx-UNV   24VDC CLASS 2 WIRING (100W MAX PER CIRCUIT)

FIELD CONNECTIONS (BY INSTALLER)
120-277 VAC
LINE / NEUTRAL / GRD
N100
Qty 1, 2 or 3
(+) 24V DC
(-) 24V DC
LED MODULE
CL2P CABLE (CLASS 2 RATED, WHITE SHEATH)
(POWER SUPPLY MAY BE MOUNTED ABOVE ACCESSIBLE CEILING)

0-10V Dimming – R-x-D010-xx-UNV   24VDC CLASS 2 WIRING (100W MAX PER CIRCUIT)

120-277 VAC
LINE / NEUTRAL / GRD
0-10V Dimmable Driver
Qty. 1 or 2
(+) 24V DC
(-) 24V DC
(-) GREY (0-10V DIM)
(+) PURPLE (0-10V DIM)
LED MODULE
CL2P CABLE (CLASS 2 RATED, WHITE SHEATH)
0-10V CONTROL/SENSOR (BY OTHERS) UL APPROVED (SINKING CONTROLLER)
(POWER SUPPLY MAY BE MOUNTED ABOVE ACCESSIBLE CEILING)

2⅝"
13½"
11½"

Standard Power Supply Enclosure (PSE)

4⅛"
12"
12"

Chicago Plenum Power Supply Enclosure (PSE-CP)

11"
13"
7"
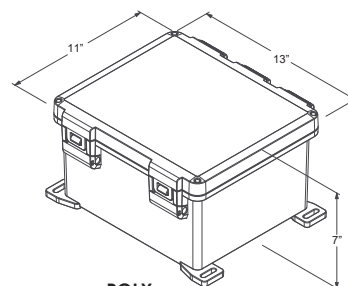
POLY Power Supply Enclosure (PSE-POLY)

1004 02182026

Exterior HardLine LED 1.5 or 2.5 x 1-3/4"

dado Lighting

Housing

Extruded aluminum housing mounts via screws to structure.
Surface material* (metal, tile, stone, etc.) can abut housing sides.
Anodized for superior thermal performance & weather protection.
Weep holes in housing allows any moisture to exit fixture.
Housings ship with 15ft CL2P cable attached to back, to reach remote
  power supply (consult factory for End exit). Longer lengths optional,
  or 12AWG wire can be added on site; up to 20' with D010 or 50'
  with N100 drivers.
One-piece extrusions up to 123" (3.12m). Multiple extrusions
couple together with brass barrel connector & bolt assembly
plus alignment pins and or tabs for secure fit and straight alignment.
Inside corner sections overlap for even illumination without direct
view of LEDs.

Modifications

Runs can be provided to the nearest 1/16" or 1mm.
For unique custom work, such as sharp corners,
  consult factory for shop drawings.

Transitions

When lens changes directions (Minimum length 3.875" or 98mm per side).
"LT" Left Turn same plane (degrees 90° to 179°); pre-assembled at factory
"RT" Right Turn same plane (degrees 90° to 179°); pre-assembled at factory
"IC" inside corner between two planes. Housings overlap and tab together
  for alignment.
"OC" outside corner around two planes; pre-assembled at factory. 90°
  standard, consult factory for other angles.

LED

Fully encapsulated LED board is IP65 rated for wet locations.
LED boards attached to aluminum heat sink at factory.
Low wattage white light LED produces even distribution with no shadows.
Binned within 3 MacAdam ellipses.

Optics

Panel plugs into housing via waterproof wire nuts & is secured with screws
  for quick & easy replacement.
Snap-in high transmission polycarbonate lens with matte white finish,
up to 25ft per section with flush PCW lens.

Option

"EME" (entire fixture) or EM8 (8ft section of a run) with EM labeled feed
  cable(s). Requires relay by others to switch from normal to EM input at
  driver. Dado does not provide battery packs.
"EF" Feed cable exits end, instead of back, on 10' or shorter housings.
"BT" Barrier Tape provides corrosion protection between aluminum
  and concrete, mortar, stucco, or similar surfaces.