

Project: \_\_\_\_\_ Type: \_\_\_\_\_



## FEATURES

The REAL80 is a linear directional LED luminaire for general lighting applications. The 2" wide by 3" tall aluminum extruded housing is clad with ½" thick wood planks or heavy gauge Corten steel. The furniture grade wood options are available in several standard varieties, with hand applied finishes, while the Corten steel is clear coated. The REAL80 is available for cable or wall mounting and offered with a variety of dimming driver and light color options for added versatility. The REAL80 is Controls Capable, being offered with a variety of integrated control options.

## SPECIFICATIONS

Fixture constructed of an extruded aluminum housing, extruded, frosted acrylic lens, machined aluminum end caps and wood or steel cladding.

Model variations offered for cable suspended and wall mount applications.

Standard housing and end cap finishes as shown below.

Wood side cladding is ½" thick, furniture grade, in solid walnut, European beech, mahogany, white oak and bamboo ply or nine-ply Baltic birch with maple face.

Solid wood planks and bamboo ply are hand finished in five to seven coats of clear shellac and sealed with clear liquid wax for a natural look and easy cleaning.

Baltic birch planks are available with a clear shellac finish or water-based stain with clear sealer.

Corten steel side cladding is 14 gauge with matte clear powder coat finish and includes button head fasteners in black finish.

Optional decorative industrial hardware with black finish available for wood cladding.

Fixtures available in nominal lengths of 2'-8'.

Standard integral 120-277V driver offered with 0-10V dimming or non-dim (other dimming driver options available).

Integral 120-277V emergency battery backup available for 6' or 8' nominal, single circuit fixtures with non-dim or 0-10V dimming (consult factory for all other lengths/drivers).

Standard light outputs are 315 and 405 lumens per foot.

LEDs available in 2700K, 3000K, 3500K and 4000K, within a 3 step MacAdam ellipse, all with 90+ CRI typical.

Flat blade louver option available.

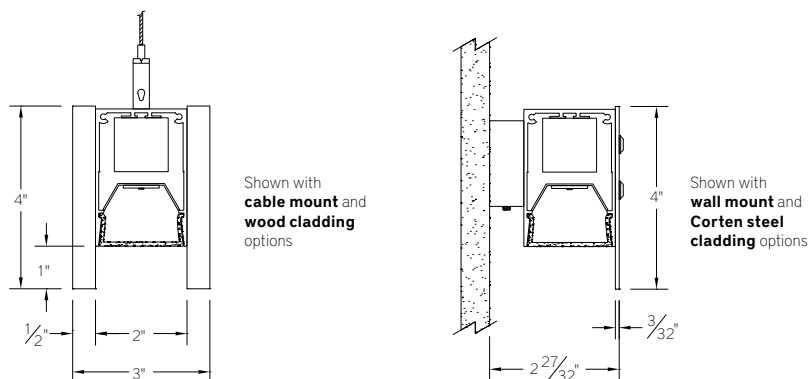
Bartco Lighting Controls Capable fixture available with integrated controls from a variety of suppliers.

Life: 50,000 hours L<sub>70</sub>.

Limited five year warranty

UL and C-UL listed for dry locations

## SECTION



## PERFORMANCE

NOMINAL LENGTH	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	L: low	315	4.5	1795	69
	R: regular	405	7.4	1573	55

Note: All data reflects fixtures with 3500K LEDs.



## REAL80 -

O.A. FIXTURE LENGTH*	DRIVER	LIGHT OUTPUT (lumens per foot)	MOUNT	OPTIONS	HOUSING/END CAP FINISH	CLADDING FINISH
2: 24-5/8"	ND: non-dimming	L: low – 315	WD: wall mount – direct	ED: emergency driver (6' or 8' non-dim or 0-10V only)	AW: architectural white (semi-matte)	WN: walnut
3: 35-5/8"	[Dimming]	R: regular – 405	WI: wall mount – indirect	L: louver	WH: white (semi-gloss)	EB: european beech
4: 46-5/8"	D: 0-10V, 1%	CF: consult factory for custom output	C4: cable mount 4' cable length	DH1: deco. hardware – flanged button head *	BL: black (semi-matte)	MH: mahogany
5: 57-5/8"	DTR: triac, 1%, (120V ONLY)		C8: cable mount 8' cable length	DH2: deco. hardware – flanged hex head *	MB: matte black	WO: white oak
6: 68-5/8"	DLV: electronic low voltage, 1%, (120V ONLY)			WS1A: Wattstopper FS-205, 100%-0% ‡	ESS: environmental satin silver	BB: bamboo
7: 79-5/8"	HES: Lutron EcoSystem, soft-on/fade-to-black, 1%			WS1B: Wattstopper FS-205, 100%-50% ‡	BZ: bronze	P01: Baltic birch - maple
8: 90-5/8"	EL: eldoLED ECOdrive 0-10V, 1%			ES4: Philips EasySense SNS211 MC ‡	PR: primer	P02: Baltic birch - red
	ES: eldoLED SOLOdrive 0-10V, 0.1%			CA1: Casambi CBU-A2D ‡	SA: satin anodize (may require additional lead time)	P03: Baltic birch - orange
	ELD: eldoLED ECOdrive DALI, 1%			NL1: nLight RES7 ‡		P04: Baltic birch - green
	ESD: eldoLED SOLOdrive DALI, 0.1%			NL2: nLight RIO ‡		P05: Baltic birch - blue
				LA1: Lutron Athena A-WN-D01-RF-WH ‡		CS: Corten Steel
				LA2: Lutron Athena A-WN-D01-OCC-WH ‡		CF: consult factory for custom finish

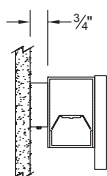
\* Applies to solid wood and plywood cladding.

‡ See Integrated Controls section for driver compatibility information.

## MOUNTING

### ORDERING CODE

### DESCRIPTION

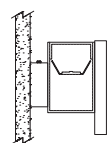


WD

WALL MOUNT – DIRECT ORIENTATION

Mounting option includes:

- 1-7/8" H x 4-1/2" W sheet aluminum bracket projects the fixture housing 3/4" from the wall surface.
- Bracket finish matches fixture finish, or ESS for satin anodize (SA) housing.

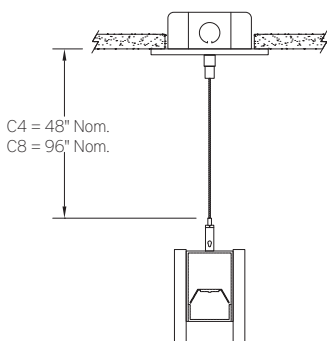


WI

WALL MOUNT – INDIRECT ORIENTATION

Mounting option includes:

- 1-7/8" H x 4-1/2" W sheet aluminum bracket projects the fixture housing 3/4" from the wall surface.
- Bracket finish matches fixture finish, or ESS for satin anodize (SA) housing.




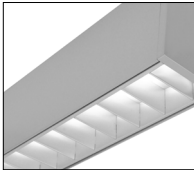


C4 and C8

CABLE MOUNT

Mounting option includes:

- Ø 1/16" x 48" (C4) or 96" (C8) aircraft cables
- 60" (C4) or 108" (C8) power cable (in coordinating finish)
- Bracket bars
- Ø 5" white canopies
- Ceiling couplers
- Side exit cable grippers






OPTIONS

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	ED EMERGENCY LED DRIVER	<ul style="list-style-type: none"><li>• Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes.</li><li>• Available for 6' or 8' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers).</li><li>• Provided with combination test switch/indicator light for remote mount installation.</li></ul>
 <small>Note: wood sides not shown.</small>	L LOUVER	<ul style="list-style-type: none"><li>• 2" W Flat blade louver with 5/8" blades at 7/8" spacing, formed from sheet steel.</li><li>• Finish is Environmental Satin Silver (consult factory for alternate finishes).</li><li>• Supplied with light diffusion film.</li></ul>
	DH1 DECORATIVE HARDWARE – FLANGED BUTTON HEAD	<ul style="list-style-type: none"><li>• Flanged button head decorative industrial hardware in black oxide finish.</li><li>• For solid wood and plywood cladding only.</li></ul>
	DH2 DECORATIVE HARDWARE – FLANGED HEX HEAD	<ul style="list-style-type: none"><li>• Flanged hex head decorative industrial hardware in black phosphate finish.</li><li>• For solid wood and plywood cladding only.</li></ul>

## OPTIONS – INTEGRATED CONTROLS

Note: Control option takes up 4" of the overall lens length.  
Controls are mounted to flush filler piece.



	ORDERING CODE	LIGHT OUTPUT SETTING	MODEL	CONTROL PROTOCOL	FUNCTIONS	COMPATIBLE DRIVERS
 <b>legrand</b> WATTSTOPPER®	WS1A	100% – 0% <sup>1</sup>	FS-205	N/A	PIR occupancy and light level sensor.	For use with on/off or 0-10V dimming drivers only.
	WS1B	100% – 50% <sup>1</sup>				
 <b>PHILIPS</b> EasySense	ES4	Set during commissioning	SNS211 MC	Bluetooth Wireless	Occupancy, daylight harvesting and task tuning sensor with advance grouping, for use within a MasterConnect network.	Provided with Advance sensor ready series 0-10V dimming drivers.
 <b>CASAMBI</b>	CA1	Set during commissioning	CBU-A2D	Bluetooth Wireless	0-10V/DALI driver controller, for use within a Casambi ecosystem.	For use with 0-10V or DALI drivers. Consult factory for details.
 <b>nLIGHT</b>	NL1	Set during commissioning	RES7 <sup>2</sup>	Radio Wireless	Dimming, PIR occupancy detection and daylight harvesting, for use within an nLight AIR network.	Provided with Advance sensor ready series or eldoLED 0-10V drivers.
	NL2		RIO <sup>2</sup>		Dimming, for use within an nLight AIR network.	
 <b>LUTRON</b>	LA1	Set during commissioning	A-WN-D01-RF-WH	Radio Wireless	Dimming only for use with an Athena control system.	Provided with Advance sensor ready series or eldoLED 0-10V or eldoLED DALI-2 drivers.
	LA2		A-WN-D01-OCC-WH		Dimming, PIR occupancy and daylight sensor for use with an Athena control system.	







1. Consult factory for custom light output setting.



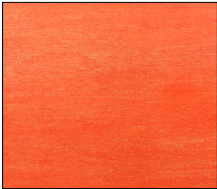
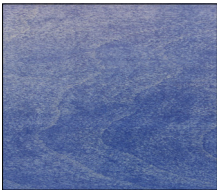
2. Consult your Acuity representative for application-specific model number.

2" wide aperture LED luminaire with flush lens, wood or steel cladding

FINISH

- All wood planks are hand selected from the top grades available, for minimal defects, with high consistency in grain, color and contrast. Being a natural material, some variances in these qualities are to be expected.
- Solid woods, bamboo ply and Baltic birch ply with natural maple are finished in five to seven coats of hand applied natural shellac, followed by a liquid wax sealer for easy cleaning.
- Stained Baltic birch plywood options are hand finished in multiple coats of semi-transparent stain, followed by a clear sealer.
- Corten steel cladding is finished in matte clear powder coat and includes button head fasteners in black finish. Due to the oxidizing nature of the material, variations in surface finish patina are to be expected.

	ORDERING CODE	DESCRIPTION
	WN	SOLID WALNUT
	EB	SOLID EUROPEAN BEECH
	MH	SOLID MAHOGANY
	WO	SOLID WHITE OAK
	BB	BAMBOO PLY
	CS	CORTEN STEEL

	ORDERING CODE	DESCRIPTION
	P01	BALTIC BIRCH PLY – NATURAL MAPLE
	P02	BALTIC BIRCH PLY – RED STAINED MAPLE
	P03	BALTIC BIRCH PLY – ORANGE STAINED MAPLE
	P04	BALTIC BIRCH PLY – GREEN STAINED MAPLE
	P05	BALTIC BIRCH PLY – BLUE STAINED MAPLE

LENGTH/MOUNTING DIMENSIONS

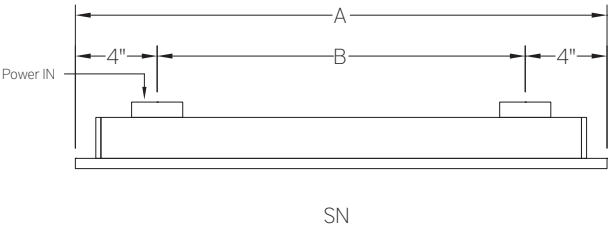
RUN CONFIGURATION INFORMATION

ORDERING CODE	LENGTH A	LENGTH B
2	24-5/8"	16-5/8"
3	35-5/8"	27-5/8"
4	46-5/8"	38-5/8"
5	57-5/8"	49-5/8"
6	68-5/8"	60-5/8"
7	79-5/8"	71-5/8"
8	90-5/8"	82-5/8"

ORDERING CODE	DESCRIPTION
SN	Single

RUN INFORMATION

Plan - Wall Mount Single Fixture Option



Side View - Cable Mount Single Fixture Option

