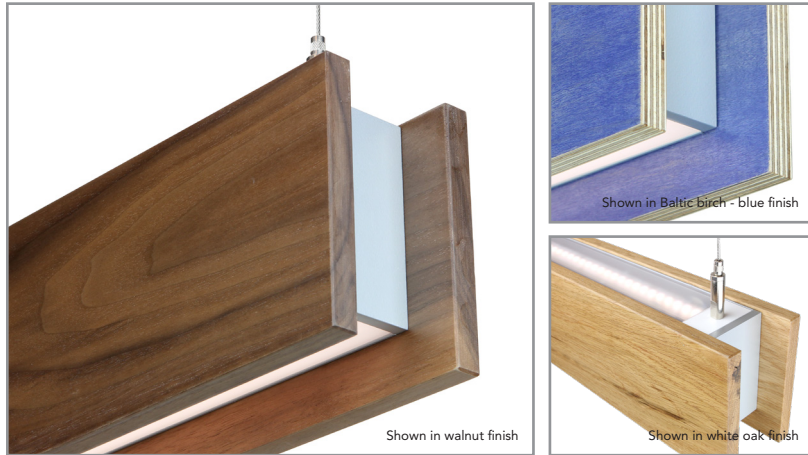


Project: _____ Type: _____



FEATURES

The REAL81 is a linear, direct/indirect LED luminaire for general lighting applications. The 3" wide by 4-1/2" tall aluminum extruded housing is clad with 1/2" 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 REAL81 is available for cable or wall mounting and offered with a variety of dimming driver and light color options for added versatility.

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

Wood side cladding is 1/2" 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 4' or 8' nominal, single circuit fixtures with non-dim or 0-10V dimming (consult factory for all other lengths/drivers)

Standard light outputs range from 315-405 lumens per foot for the direct source and 465-740 lumens per foot for the indirect source

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

Parabolic louver option available

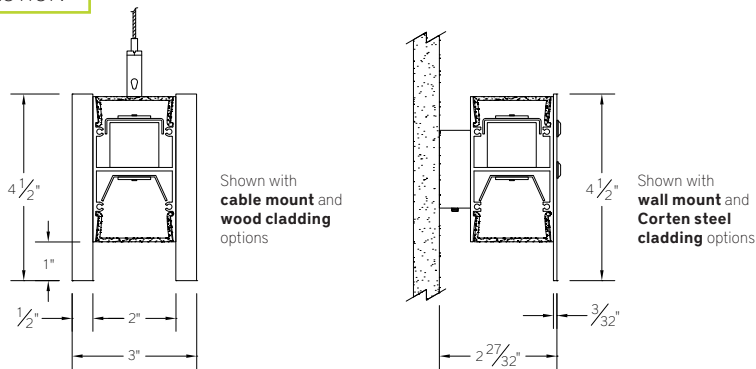
Life: 50,000 hours L₇₀

Limited five year warranty

UL and C-UL listed for dry locations



SECTION



PERFORMANCE

Note: All data reflects fixtures with 3500K LEDs

NOMINAL LENGTH	OPTIC OPTION	OUTPUT	LUMENS/ft.	WATTS/ft.	LUMINAIRE LUMENS	EFFICACY (LPW)
4'	Indirect - Lambertian	L: low	465	5.0	1738	93
		R: regular	605	7.2	2257	84
	Indirect - Batwing	L: low	570	5.7	2112	100
		R: regular	740	7.9	2743	94
	Direct - Flush Lens	L: low	315	4.5	1211	69
		R: regular	405	7.4	1573	55

REAL81 -

* Applies to solid wood and plywood cladding.

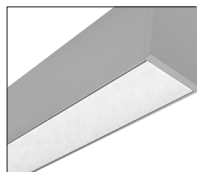
O. A. FIXTURE LENGTH	DRIVER	INDIRECT LIGHT OUTPUT	INDIRECT OPTIC	MOUNT	OPTIONS	HOUSING/END CAP FINISH	CLADDING FINISH
2: 24-5/8"	ND: non-dimming	(lumens per foot w/ optic option 1)	1: general Lambertian distribution	WM: wall mount	ED: emergency driver (4' or 8' non-dim or 0-10V only)	AW: architectural white (semi-matte)	WN: walnut
3: 35-5/8"	D: 0-10V, 1%	L: low - 465	2: batwing distribution	C4: cable mount 4' cable length	DH1: deco. hardware - flanged button head *	WH: white (semi-gloss)	EB: european beech
4: 46-5/8"	DTR: triac, 1%	R: regular - 605		C8: cable mount 8' cable length	DH2: deco. hardware - flanged hex head *	BL: black (semi-matte)	MH: mahogany
5: 57-5/8"	DLV: electronic low voltage, 1%	CF: consult factory for custom output				MB: matte black	WO: white oak
6: 68-5/8"	HES: Lutron EcoSystem, soft-on fade-to-black, 1%		DIRECT LIGHT OUTPUT (lumens per foot w/ optic option A)			ESS: environmental satin silver	BB: bamboo
7: 79-5/8"	EL: eldoLED ECOdrive 0-10V, 1%	CIRCUIT	L: low - 315	DIRECT OPTIC		BZ: bronze	P01: Baltic birch - maple
8: 90-5/8"	ES: eldoLED SOLOdrive 0-10V, 0.1%	1: single circuit	R: regular - 405	A: flush lens	RUN CONFIGURATION	PR: primer	P02: Baltic birch - red
	ELD: eldoLED ECOdrive DALI, 1%	2: two circuit (4' nom. length and longer)	CF: consult factory for custom output	D: louver (4' and 8' only)	SN: single	SA: satin anodize (may require additional lead time)	P03: Baltic birch - orange
	ESD: eldoLED SOLOdrive DALI, 0.1%						P04: Baltic birch - green
							P05: Baltic birch - blue
							CS: Corten Steel
							CF: consult factory for custom finish

INDIRECT OPTIC OPTION

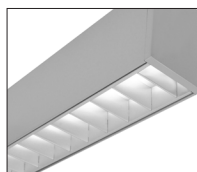
ORDERING CODE	DESCRIPTION	SPECIFICATIONS
1	LAMBERTIAN DISTRIBUTION	Frosted extruded acrylic lens for general Lambertian distribution
2	BATWING DISTRIBUTION	Clear extruded acrylic with wide distribution optic features

DIRECT OPTIC OPTION

ORDERING CODE	DESCRIPTION	SPECIFICATIONS
A	FLUSH LENS	Flush frosted acrylic extrusion
D	LOUVER	Parabolic louver with 5/8" blades at 1" spacing, formed from diffuse, high reflectance aluminum and supplied with light diffusion film Available for 4' and 8' nominal length fixtures

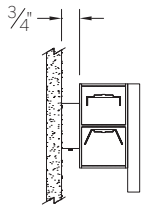
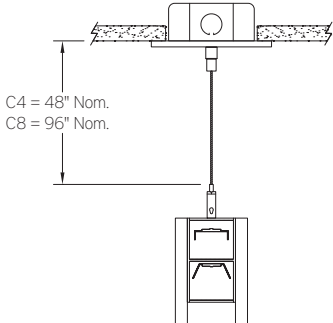


Note: Wood sides not shown.






Note: Wood sides not shown.

MOUNTING







	ORDERING CODE	DESCRIPTION
	WM	WALL MOUNT Mounting option includes: <ul style="list-style-type: none"> 1-7/8" H x 2-1/2" W aluminum bracket projects the fixture housing 3/4" from the wall surface
	C4 and C8	CABLE MOUNT Mounting option includes: <ul style="list-style-type: none"> 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 <p>NOTE: WHEN DUAL CIRCUIT OPTION IS USED, TWO POWER CABLES ARE REQUIRED</p>

OPTIONS

	ORDERING CODE	DESCRIPTION	SPECIFICATIONS
	ED	EMERGENCY LED DRIVER	<ul style="list-style-type: none"> Universal 120-277V input voltage emergency driver delivers initial minimum power of 10W for 90 minutes Available for SINGLE CIRCUIT, 4' or 8' nominal length non-dim or 0-10V fixture only (consult factory for all other lengths/drivers) Provided with combination test switch/indicator light for remote mount installation
	DH1	DECORATIVE HARDWARE – FLANGED BUTTON HEAD	Flanged button head decorative industrial hardware in black oxide finish For solid wood and plywood cladding
	DH2	DECORATIVE HARDWARE – FLANGED HEX HEAD	Flanged hex head decorative industrial hardware in black oxide finish For solid wood and plywood 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

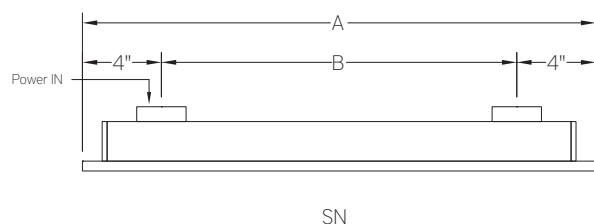
ORDERING CODE	LENGTH A	LENGTH B
2	24-5/8"	16-5/8"
3	35-5/8"	27-5/8"
4	46-5/8"	38-5/8"
5	57-5/8"	49-5/8"
6	68-5/8"	60-5/8"
7	79-5/8"	71-5/8"
8	90-5/8"	82-5/8"

RUN CONFIGURATION INFORMATION

ORDERING CODE	DESCRIPTION
SN	Single

RUN INFORMATION

Plan - Wall Mount Single Fixture Option



Side View - Cable Mount Single Fixture Option

