

EWC SPECIFICATIONS BOOKLET

VERSION 7.24.19

VERSION CHANGES

REQUIREMENTS

Retail Millwork

Option 1 – Page 113

Option 2 – Page 118

Arches

We will no longer be using the faux arches in European Wax Center. The specifications have been removed from the design and Specifications Booklet.

Wax room light fixtures/dimmer

Dimmer/Occupancy sensor switch needs to be installed in the wax suites. Please note that the suites will need to have LED fixtures installed in order for the switch to be compatible. Please refer to page 37.

Electrical in Wax Suites

We will require an additional outlet near the corner stool. Please refer to page 16.

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SAMPLE FLOOR PLANS

REQUIREMENTS

Lobby

Min Size: 13' of depth and 15' width

Wax Room

Minimum size: 11'Long x 7'-4'Wide (Inside Dimensions)

Storage Room

Minimum size: 7'x10'

Linear Storage

Linear storage closets may be used to replace the required storage room. In this event, there must be a minimum of 21' of linear storage with a minimum inside depth of 25"

SAMPLE FLOOR PLANS

REQUIREMENTS

Wax Cabinet Placement

Wax rooms MUST be laid out in the same manner as reflected in the sample floor plan provided herein

Floorplan Layout

If the wax room is vertical the door must be a left swing door. When the wax room is horizontal the door must be a right swing door

Restroom

If your location has 7 wax rooms, 2 restrooms are required

FLOOR PLAN EXAMPLE



SPEAKER SYSTEM REQUIREMENTS

SPEAKER SYSTEM

REQUIREMENTS

The following outlines EWC requirements with regards to quantity of speakers, zone wiring specifications, and volume control requirements. It does NOT reflect the music source required. The equipment and on-going music source service REQUIRED to be utilized within your center is outlined within the development worksheet. It is not relative to the Architectural Space Planning or General Contractor work, and has therefore not been included in this Specification Booklet. Please refer to the Development Worksheet for music source service, equipment, and miscellaneous requirements.

1. One speaker shall be installed in each wax room
2. One speaker shall be installed in each restroom
3. A minimum of 2 speakers shall be installed in the lobby area
4. A minimum of 2 speakers shall be installed in the corridor

SPEAKER SYSTEM

REQUIREMENTS

5. There shall be a minimum of 4 volume controls with separate zone wiring

- a. One for all wax rooms
- b. One for the corridor
- c. One for the lobby area
- d. One for the restroom(s)

6. VOLUME CONTROLS MUST BE IN STORAGE ON SERVER RACK

7. Type: 4" Atlas Speakers white for lobby and wax rooms. 4" Atlas Speakers in black in hallway and restroom.

Please note that the speakers will come from Voice Solutions.

ELECTRICAL REQUIREMENTS

ELECTRICAL

LOBBY SPECIFICATIONS

Lobby Lighting

Type E-2/E3 required

Type Low Voltage Pendants (3 are required above the front desk spaced evenly)

Type 7240.74- Wall sconces (2 are mandatory)

Lobby Outlets/Cables

2 Person Lobby Desk- 2 quad receptacles, 6 data, 2 phone lines for reception desk located underneath the center cabinet. Refer to millwork specs.

3 Person Desk-2 quads, 3 phone & 9 data.

Conduits- 2" minimum conduit for cables required.

RJ45 Ethernet cable for sonic point required to be installed above reception desk in ceiling. Cable must feed to IT rack.

One additional data drop needed at ceiling near front door or window for back up cellular router.

ELECTRICAL

LOBBY SPECIFICATIONS

Lobby Outlets/Cables Continued

Retail outlets – Provide cutout for electrical outlets in retail shelves located:

1. From left hand end of cabinet 5 ¼" to 17 ¼"
2. From floor to top: 1'-0 ¾"

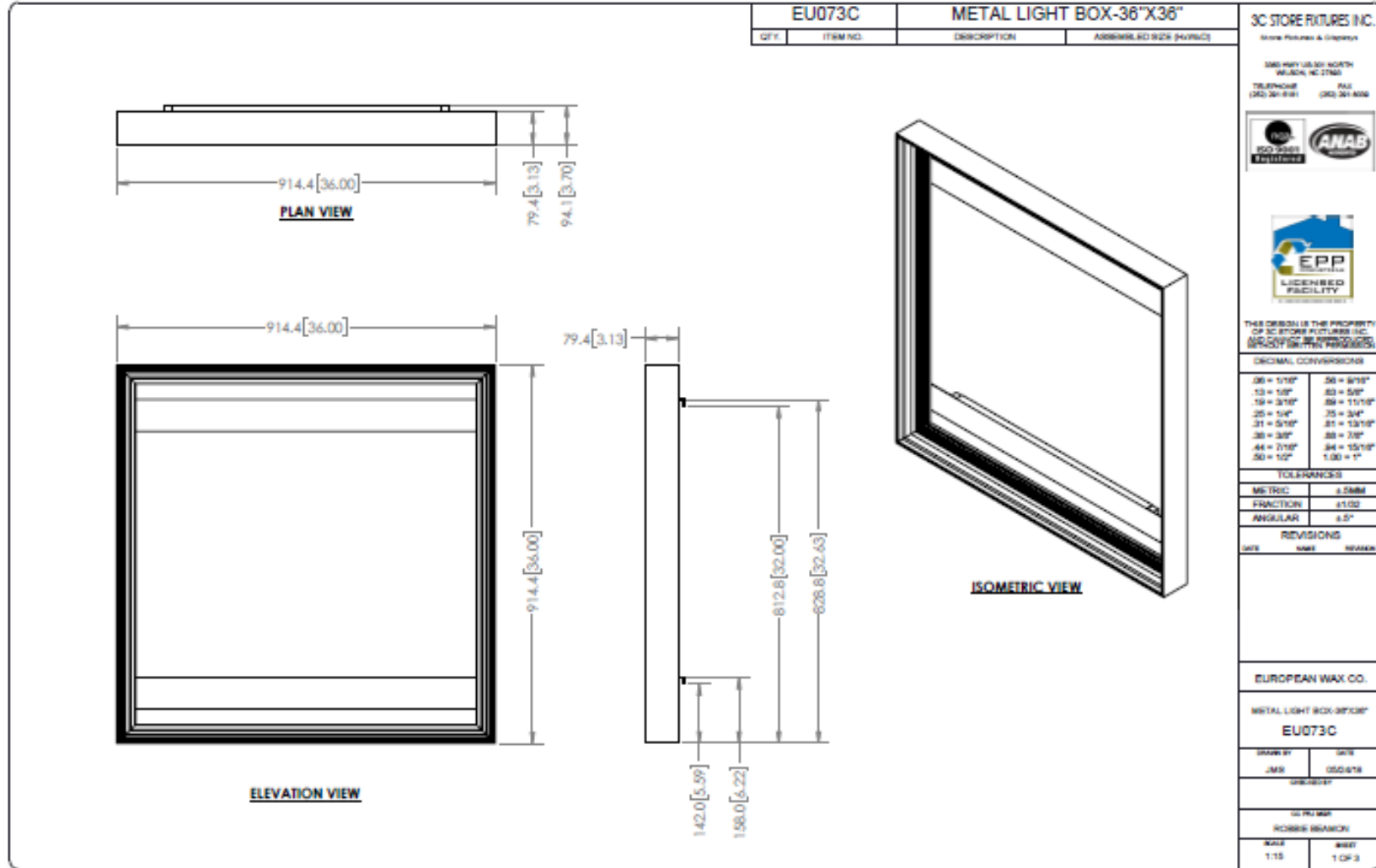
Lobby Logo Outlet

Outlet must be centered on the wall behind the reception desk mounted 72" AFF. Please see following page.

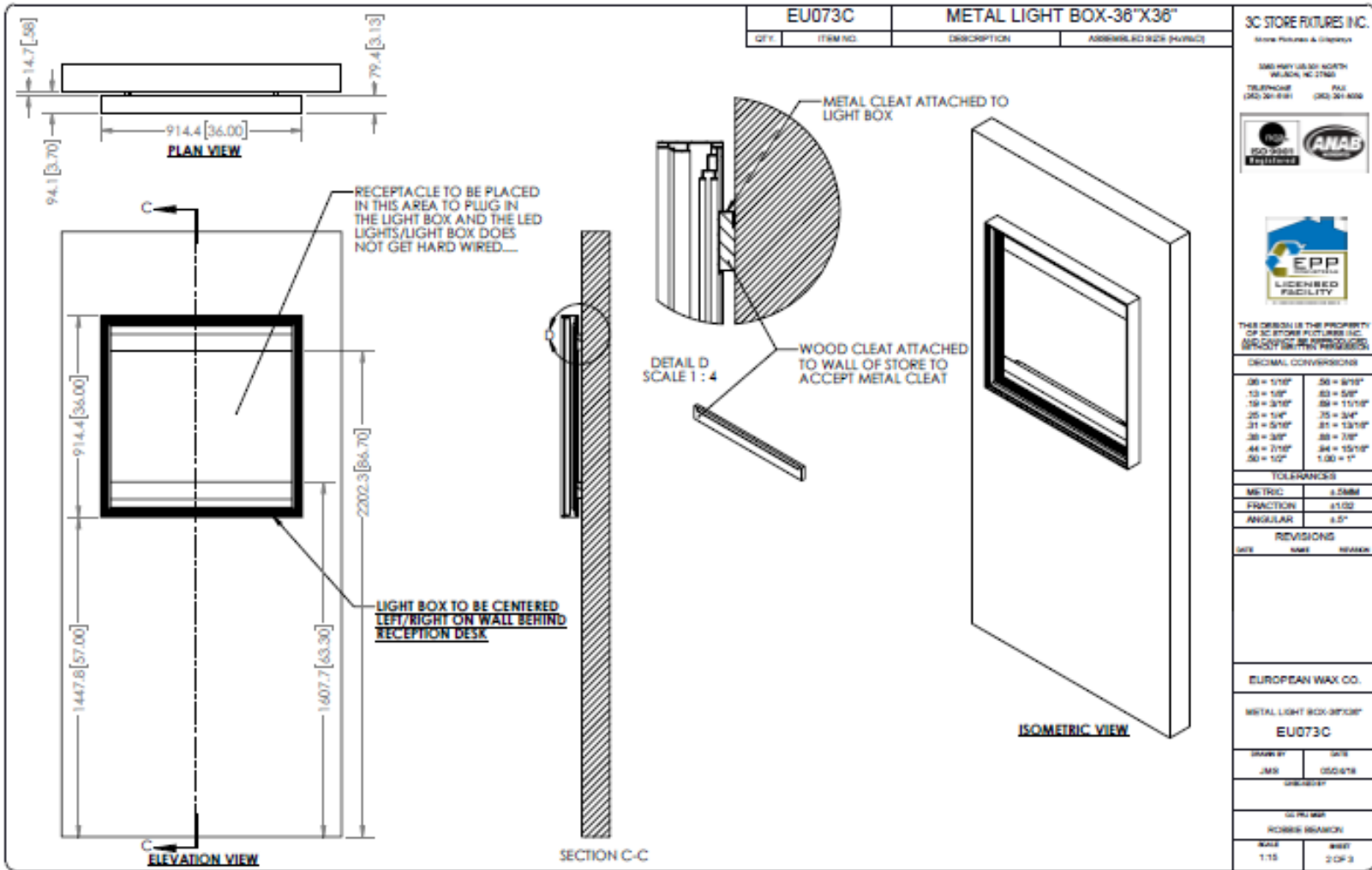
Please note there is NOT an ON/OFF switch at the bottom of the lightbox. The lightbox will need to be wired to a wall switch.

ELECTRICAL

LOBBY LOGO SPECIFICATIONS

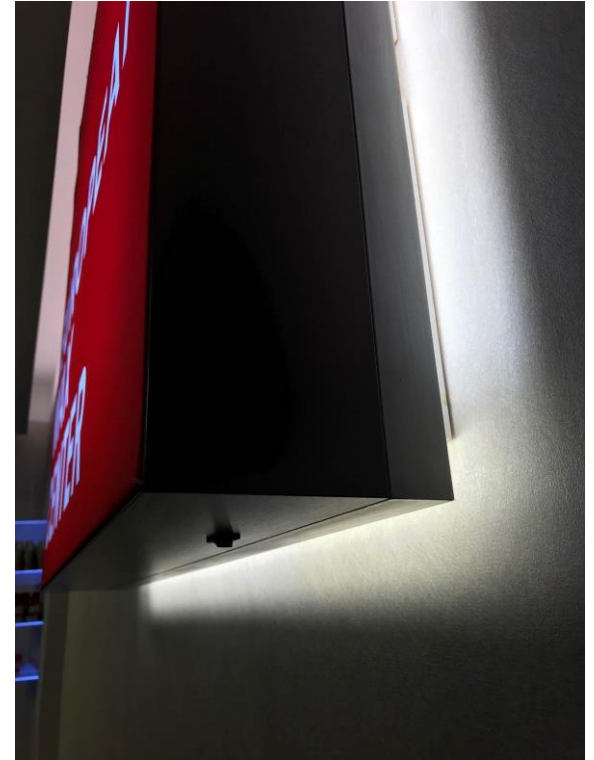


LOBBY LOGO SPECIFICATIONS



ELECTRICAL

LOBBY LOGO SPECIFICATIONS



ELECTRICAL

WAX ROOM SPECIFICATIONS

Wax Room Lighting

Type 2BLT 2x4: Standard recessed luminaire LED. (Two fixtures per room required laid perpendicular to the wax beds.)

Type WSX D Dimming Occupancy Wall Switch

Dimmer will require a low voltage cable to be run to the light fixture

Wax Room Outlets

1 per Wax Cabinet dedicated circuit required for each wax room. Outlet will be located 14" from the inside cabinet corner @ standard height.

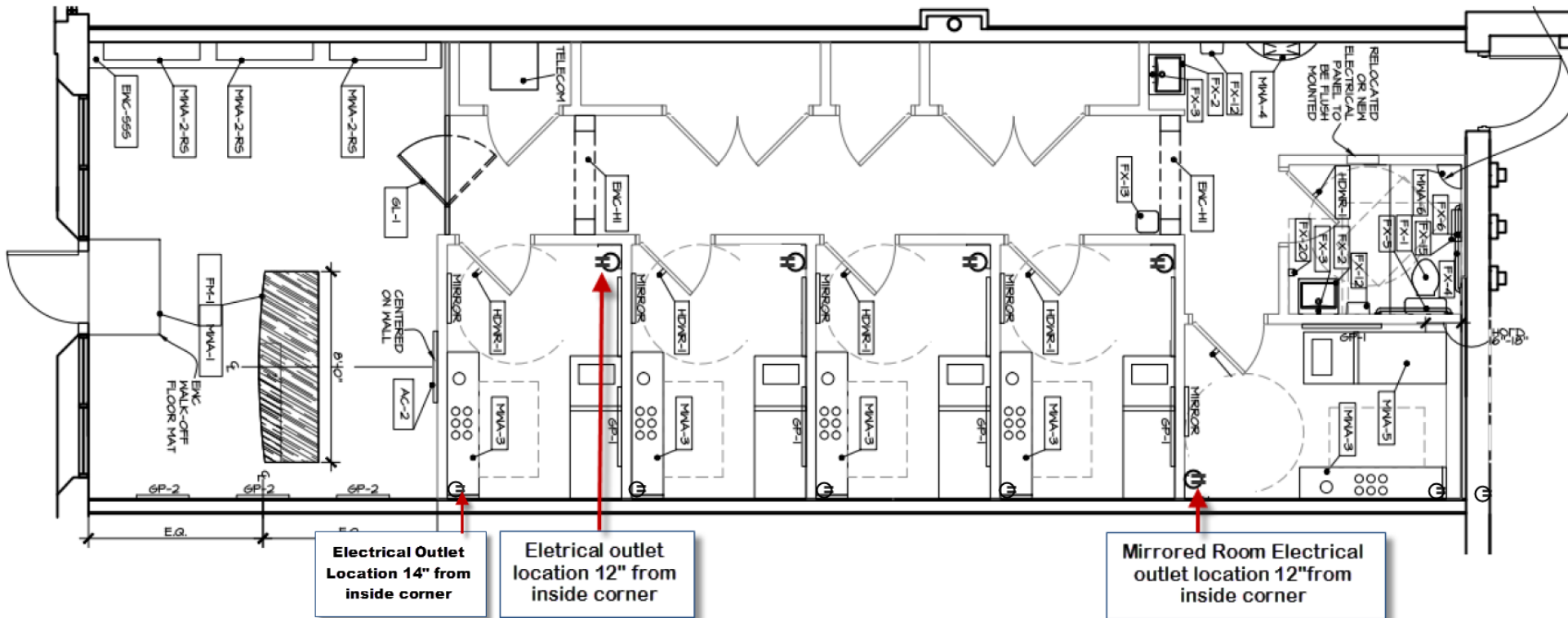
1 additional dedicated circuit. Outlet will be located 12" from the corner wall @ standard height.

No outlet can be installed on a demising wall

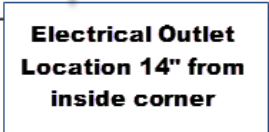
SAMPLE FLOOR PLAN

ADDITIONAL ELECTRICAL PLAN

EXAMPLE



ADDITIONAL ELECTRICAL PLAN EXAMPLE



ELECTRICAL

SPECIFICATIONS

Hallway Lighting

Type 5485 Pendant

Type E-2/E3

Storage Lighting

Type A 2x4 or A2 2x2

Type F Closets will have Flux Stream strip lights located in upper inner wall corner centered over doors

Storage Electrical

Black server rack required to be in storage room. GC required to install 4'x6' wood board for dedicated solely for IT Equipment. Please note HVAC controls/VAV panels cannot go on same panel.

Restroom Lighting

Type E-2/E3

Placement: (2) 4-6" recessed lights in Rest Room

ELECTRICAL

SPECIFICATIONS

Emergency Signs & Lighting

Type H/Edge lit emergency exit with RED LETTERS

Locate emergency bug eye fixtures in each section of hallway

Type I/EM MR-16 semi recessed thermoplastic emergency unit

Type Exit/EL+EEM1/ VLEDC-51 Series Tempo pro ultra compact LED combo exit sign

NOTE: All switches and switch plates must be white
All IT closets must be locked.

LIGHTING

VENDOR CONTACT

WIEDENBACH BROWN | THE ULTIMATE LIGHTING SOURCE

3760 Prospect Ave, Yorba Linda, CA 92886

T: 714.982.1554 | F: 914.846.1364

E: Josh.Huisken@wblight.com

www.wblight.com

LIGHTING PACKAGE MUST BE PURCHASED THROUGH WEIDENBACH BROWN

NLCBC-65 COBALT Series**6" 95CRI Recessed Retrofit Downlight****Source: 16.6W Chip on Board 1000Lm LED****PRODUCT DESCRIPTION**

Nora Lighting's 6" LED Cobalt Luminaires are cULus listed for use in existing 6" IC or Non-IC housings manufactured by Nora and others. The units provide 1000 Lumen output, drawing 16.6W and rendering 90+ CRI. Nora's 6" Cobalt LEDs integrate the latest from the Cree® COB family of LED arrays, giving bright spectacular light output and low power consumption. An obvious and smart choice for Green Energy efficient lighting in commercial and residential applications.

FEATURES

- 5 year limited warranty
- Cree® COB LED
- Dimmable
- cULus Listed, Energy Star & Title 24 compliant
- 1000lm utilizes only 16.6W
- Available in 2700K, 3000K and 4000K color temperature, 95 CRI
- GU24 Socket adapter available for use with GU24 base housings- Includes Medium-Base Socket kit

CONSTRUCTION

Trim: Aluminum spun reflector (NLCBC-651) with deep set diffused lens for excellent visual comfort while providing high lumen output.
Aluminum spun baffle trim (NLCBC-652) with deep grooves to reduce aperture glare while providing high lumen output.

Lens: Shatter proof diffused polycarbonate lens.

RETROFIT

Cobalt Series Downlights include NPA-211 Medium Base screw-in socket for retrofitting into existing Medium Base downlight housings.

ELECTRICAL SYSTEM

Voltage: 120VAC

Current: 270mA

Power Consumption: 16.6 Watts

Light Source: Cree COB

Lumens: 1000 lm

CRI: 95 CRI

LED Driver: Built-in driver

Operating Temperature: 0°C to 75°C

Life Expectancy: 50,000 hours

Dimmable

Nora LED Cobalt Series works with standard leading and trailing edge dimming technologies. Dimming with trailing edge dimmers (electronic) are 5-100% and for leading edge dimmers (incandescent) 10-100%. There may be some cases that require more than one lighting fixture to be used to meet minimum dimmer load. Consult with dimmer manufacturer.

TAGS & LISTINGS

cULus Wet Label Listed

Title 24 Compliant

Energy Star Rated

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Yorba Linda, CA 92886
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949.865.1564 fax

**6" Cobalt 95CRI Recessed Retrofit Downlight**

Catalog No.	Color Temp.	Finish
<input type="checkbox"/> NLCBC-651 - Reflector	<input type="checkbox"/> 27 - 2700K	<input type="checkbox"/> BZ - Bronze
<input type="checkbox"/> NLCBC-652 - Baffle	<input type="checkbox"/> 35 - 3500K	<input type="checkbox"/> DW* - Diffused Clear / White
	<input type="checkbox"/> 40 - 4000K	<input type="checkbox"/> HZW* - Haze / White
		<input type="checkbox"/> WW - White

*Finish only available on Reflector Style

Create a complete item number: Example: NLCBC-65127WW 6" Cobalt with Smooth White Reflector and flange - 2700K.



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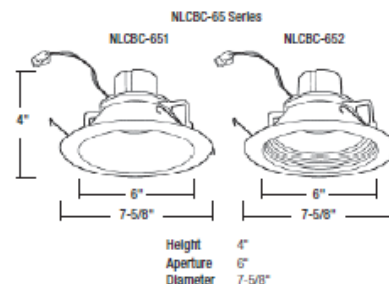


Type

Project

Catalog No.

Lamp/Wattage

DIMENSIONS

NRA-211 Medium Base screw-in socket
Included with every Cobalt Series for retrofitting into existing Medium Base Downlight Housings

FINISHES

Brass (BZ) - Brass Refl. or Baffle with Brass Flange

Diffused Clear (DW) - Diffused Refl. with White Flange

Haze (HZW) - Haze Refl. with White Flange

White (WW) - White Refl. or Baffle with White Flange

COMPATIBLE DIMMERS

Manufacturer	Model Number
Lutron	PF54
	6161
	PF06-11Z
	275032W
Lightsail	DM3-153P
Lutron	TS2L-153P
	3600P
	CT153P
	MAUL600
	FAL1500

COMPATIBLE HOUSINGS

Finish	Model Number
<input type="checkbox"/> NFBIC-GLNRAT	6" LED Diamond 2-Hour Fire Rated IC / Non-IC Air-Tight, 120V
<input type="checkbox"/> NFBIC-GNCAT	6" ICAT Fire Box
<input type="checkbox"/> New Construction	
<input type="checkbox"/> NHRIC-170AT	6" ICAT Line Voltage
<input type="checkbox"/> NHRIC-170BAT	6" ICAT Line Voltage (No Bracket)
<input type="checkbox"/> NH-260	6" Line Voltage
<input type="checkbox"/> NH-260NB	6" Line Voltage (No Bracket)
<input type="checkbox"/> NHRIC-662AATFL	6" ICAT GU24 (Specify NPA-212 adaptor separately)
<input type="checkbox"/> NHRIC-6LNRAT	6" ICAT Dedicated LED
<input type="checkbox"/> NHRIC-6LNRAT/277	6" ICAT Dedicated LED, 277V
<input type="checkbox"/> NHRIC-27LNRAT	6" IC AT Shallow Dedicated Housing
<input type="checkbox"/> Remodel	
<input type="checkbox"/> NHRIC-170AT	6" ICAT Line Voltage
<input type="checkbox"/> NHRIC-170BAT	6" ICAT Line Voltage (No Bracket)
<input type="checkbox"/> NH-260	6" Line Voltage
<input type="checkbox"/> NHRIC-662AATFL	6" ICAT GU24 (Specify NPA-212 adaptor separately)
<input type="checkbox"/> NHRIC-6LNRAT	6" ICAT Dedicated LED
<input type="checkbox"/> NHRIC-27LNRAT	6" IC AT Shallow Remodel Dedicated Housing

NHIC-6LMRAT**6" IC Air-Tight LED Diamond/Cobalt/Opal Series
Dedicated New Construction Housing**

Source: 11W-16.6W LED

PRODUCT DESCRIPTION

Dedicated New Construction housing for use in insulated ceilings can be in direct contact with thermal insulation. Air-tight construction provides energy savings by reducing the flow of air through the ceiling. Each LED Diamond/Cobalt/Opal Series Housing requires a Nora Lighting LED Diamond/Cobalt/Opal Series Trim.

FEATURES

- IC rated for direct contact with insulation
- Quick connect provided for electrical connection to the LED Trim Module
- ASTM E263 for Air-Tight
- Energy Star Rated
- Exceeds California Title 24 high efficacy requirements
- cULus Listed for Damp Location and Feed Through
- cULus Listed for Wet Location and Feed Through (Only with designated trims)
- Economical 2-wire dimming down to 5%
- Save 75% compared to incandescent sources
- 50,000 hours at 70% lumen maintenance rated life
- No harmful ultra violet light, infrared wavelengths, or light leak
- RoHS Compliant

CONSTRUCTION**Plaster Frame**

High quality 0.040 steel die cut one piece frame

Housing

0.040 steel housing adjusts to maximum ceiling thickness of 1-3/4" (45mm). Spring brackets accept torsion wing trim springs.

Clearance

"IC" Insulated Ceiling housings are direct contact rated; no minimum clearance is required.

Mounting

Two bar hangers are included adjustable to 24-1/2". Hanger bars have T-Bar slot and alignment feet. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. Insulation may be blown directly onto the surface of the fixture.

Air Flow Restriction

Meets ASTM E263 Air-Tight Requirements.

ELECTRICAL**Junction Box**

Plaster frame integrated 15 cubic inch 0.064" thick galvanized steel, with seven 1/2" NPT knockouts, four Romex® pigtails, and snap on covers. Electrical connections are made through junction box wrap. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. Green wire provided installs with ground wire fed through PVC pipe conduit.

Compatible with:

- NLEDC - Diamond Series
- NLCBC - Cobalt Series
- NLOP - Opal Series

Dimming:

See compatible Diamond/Cobalt/Opal for compatible dimmers

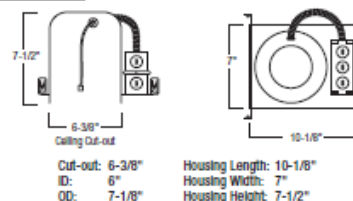
NORALIGHTING.

Type

Project

Catalog No.

Lamp/Wattage

DIMENSIONS**Step Down Transformer**

Optional 50W step down transformer installed into Air Tight New Construction housing (NHIC-6LMRAT/277)

EMERGENCY

90-minute battery back up must be ordered separately and installed apart from the housing in an accessible location.

Labels and Listings

- Title 24 Compliant
- cULus Listed for Damp Location & Feed Through
- cULus Listed for Wet Location & Feed Through (Only with designated trims)
- WSEC ASTM E263 for Air-Tight
- Energy Star Rated
- RoHS Compliant

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916.816.1361 fax

**Housing**

NHIC-6LMRAT: 6" IC Air Tight Dedicated New Construction Housing

NHIC-6LMRAT/277: 6" IC Air Tight Dedicated New Construction Housing includes installed 50W step down transformer

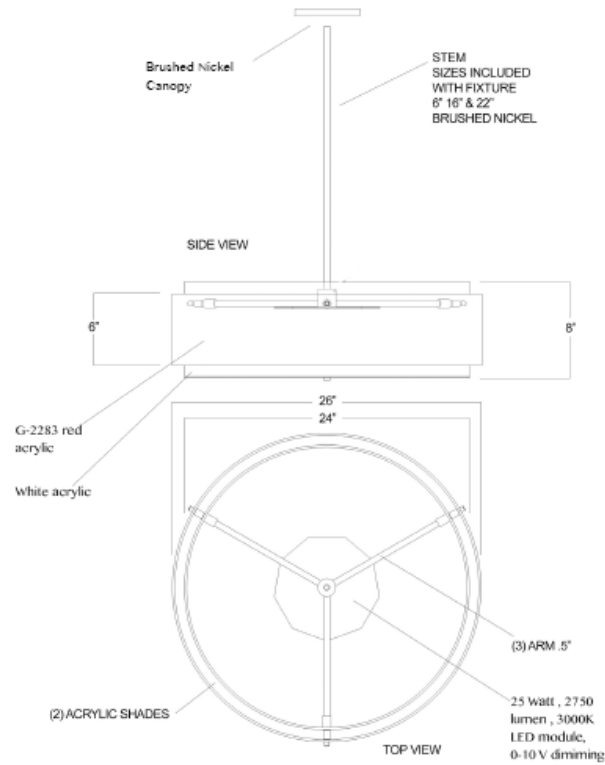
NORALIGHTING.

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Page 1 of 1



MODEL : 5485



This drawing is the property of Wesport Lighting and may not be used by other parties for any use without Wesport approval Approved by _____	WESPORT LIGHTING		
	1760 Monrovia Ave.St C8 Costa Mesa CA 92627		
	Est Weight	Quantity 30	Lamps
		Model 5485	Date 08/10/16
Project Name EWC			



CONTACT WB FOR SPECIAL NA
PRICING. FIXTURE IS STOCKED
FOR THIS PROGRAM -
JOSH_HUISKEN@WSLIGHT.COM
NO SUBSTITUTES ALLOWED

A3675

40CA9 1/2
40 watt CA9 1/2 Incandescent; Clear; 2500 average rated
hours; 370 lumens; Candelabra base; 130 volts

Features

- Decorative incandescent
- Long Life
- Brass Base
- 130 volt



A3675

Item Number	UPC	Watts	Lamp Shape	Base	ANSI Base	Lamp Code	Voltage
A3675	045923036750	40	CA9 1/2	Candelabra	E12	40CA9 1/2	130
Finish	MOL In Inches	MOD In Inches	Filament	Initial Lumens	Average Rated Hours	Pack	Package Type
Clear	3 15/16"	1.19"	CC-2V	370	2500	500/25	Box
RoHS Compliant							
Yes							



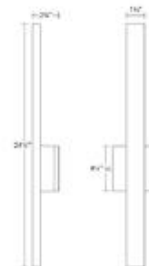
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(800.437.2826)
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Brentwood, NY 11717
800.437.2826 631.243.2022
Fax 631.243.2027



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DIMENSIONS

Height	24.25"
Width	1.75"
Extension	2.75"
Minimum Extension	2.75"
Maximum Extension	2.75"
Switch Type	N/A"
Fixture Weight	3 lbs.

ELECTRICAL SPECS

Bulb Type	Integral LED
Bulb Quantity	0
Bulb Included?	Yes
Wattage	13
Initial Lumens	1190
Input Voltage	120VAC
CCT	3000K
CRI	90
Power Supply Type	Driver
Power Supply Quantity	1
Power Supply Location	Outlet Box
Dimming Type	TRIAC/ELV

SHIPPING

Carton 1 L x W x H	29" x 6" x 6"
Carton 1 GW	3 lbs.

SHADE 1

Color	Textured Gray
Material	Aluminum
Height	N/A

AVAILABLE FINISHES

Textured Bronze (.72)
Textured Gray (.74)
Textured White (.98)

GENERAL LISTINGS

cETL
cUL
ADA
Wet Location
CEC Title 24

PROJECT

QUANTITY

NOTES

Solitude Pendant

DESCRIPTION

Rectangular pressed glass shade. Includes low-voltage, 35 watt halogen bi-pin lamp or 8 watt, 300 delivered lumen, 3000K, replaceable SORAA® LED module and six feet of field-cuttable suspension cable. Dimmable with low-voltage electronic or magnetic dimmer (based on transformer). Works with SORAA.

INSTALLATION

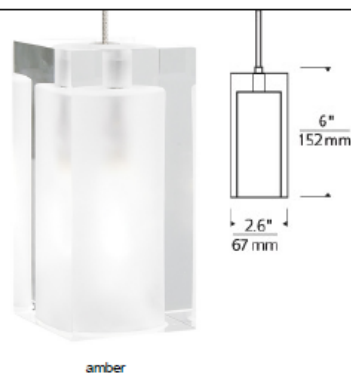
Socket terminates with FreeJack male connector, which may be installed into a system connector. Elements ordered with a system prefix include a connector for that system.

ACCESSORIES & OPTICAL CONTROLS

SORAA® LED Bi-Pin Replacement Pendant Module, Swag Hook

WEIGHT

2.5lb / 1.13kg ±



ORDERING INFORMATION

700 SYSTEM	SLD	COLOR	FINISH	LAMP
FJ FREEJACK				12 VOLT HALOGEN
MP MONOPOINT		F FROST	Z ANTIQUE BRONZE	-LED\$30 12 VOLT LED 90 CRI 3000K
MO MONORAIL			C CHROME	-24 24 VOLT HALOGEN
MO2 TWO-CIRCUIT MONORAIL			S SATIN NICKEL	

Note: MP includes 4" Round Flush Canopy. Note: MP includes 4 Round Flush Canopy.

When installing LED option on MO2 only magnetic transformers may be used.

Chrome not offered on Monorail & Two-Circuit Monorail.


TECH LIGHTING®
 7400 Linder Avenue T 847.410.4400
 Skokie, Illinois 60077 F 847.410.4500
 Tech Lighting, L.L.C.

700 ____ SLD ____ ____

FIXTURE TYPE: _____

JOB NAME: _____

NOTES: _____



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FEATURES & SPECIFICATIONS

INTENDED USE — The BLT Best-in-Value Low Profile LED luminaire features a popular center basket design that offers a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLT the perfect choice for many lighting applications including schools, offices and other commercial spaces, retail, hospitals and healthcare facilities. The low profile BLT design (2-3/8") also makes it an excellent choice for renovation projects.

CONSTRUCTION — BLT enclosure components are die-formed for dimensional consistency and painted after fabrication with a polyester powder paint for improved performance and protection.

The reflector is finished with a high reflective matte white powder paint for improved aesthetics and increased light diffusion.

End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available.

Diffusers are extruded from impact modified acrylic for increased durability.

LED boards and drivers are accessible from the plenum.

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complementary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Four diffuser choices available - curved and square designs with linear prisms or a smooth frosted finish.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Color Variation within 3-step MacAdam ellipse (3SDCM).

Non-Configurable BLT: Generic 0-10 volt dimming driver. Dims to 10%

Configurable BLT: available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information below.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Optional integrated nLight® controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Connection to nLight is simple. It can be accomplished with integrated nLight AIR wireless RIO, RES7 sensors, or through standard Cat-5 cabling. nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission. nLight AIR is commissioned easily through an intuitive mobile app.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

Driver disconnect provided where required to comply with US and Canadian codes.

SENSOR — Integrated sensor (individual control): Sensor Switch MSD7ADCK (Passive Infrared (PIR)) or MSDPOT7ADCK (PIR/Microphonics Dual Tech (POT)) integrated occupancy sensor/automatic dimming photocell allows the luminaire to power off when the space is unoccupied or enough ambient light is entering the space. See page 4 for more details on the integrated sensor.

Integrated Sensor (nLight Wired Networking): This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software. See page 4 for the nLight sensor options.

Integrated Smart Sensor (nLight Air Wireless Platform): The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (POT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLARITY, which allows for simple sensor adjustment. See page 4 for more details on the Integrated Smart Sensor.

INSTALLATION — The BLT's low profile design of only 2-3/8" provides increased installation flexibility especially in restrictive plenum applications. The BLT fits into standard 15/16" and narrow 9/16" T-grid ceiling systems.

Suitable for damp location.

For recessed mounting in hard ceiling applications, Drywall Grid Adapters (DGA) are available as an accessory. See Accessories section.

LISTINGS — CSA Certified to meet U.S. and Canadian standards. IC rated. DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/DLP to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

BLT Series LED

2BLT

2' x 4'
LED



Specifications

Length: 47-3/4" (121.2)

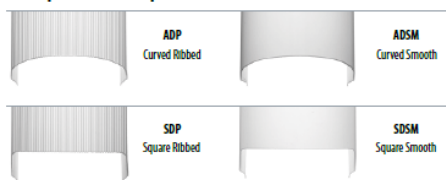
Width: 23-3/4" (60.3)

Depth: 2-3/8" (6.0)

Depth with Air supply/return: 2-3/4" (6.9)

All dimensions are inches (centimeters) unless otherwise specified.

Multiple Diffuser Options



CSA+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 2BLT4 40L ADP EZ1 LP840

2BLT4						
Series	Air function	Lumens ²	Diffuser	Voltage	Driver	Color temperature
2BLT4 2x4 BLT	(blank) Static A Air supply/return ¹	Standard efficiency (>100 LPW) 30L 3000 40L 4000 48L 4800 60L 6000 72L 7200 85L 8500 100L 10000 120L 12000	ADP Curved, linear prisms ADSM Curved, smooth SDP Square, linear prisms SDSM Square, smooth Includes trim rings to match sensed version ADPT Curved, linear prisms ADSMT Curved, smooth SDPT Square, linear prisms SDSMT Square, smooth	(blank) MVOLT 120 120V 277 277V 347 347V ³	EZ1 eLED dimms to 1% (0-10 volt dimming) GZ1 Dimms to 1% (0-10V dimming) ¹⁴ GZ10 Dimms to 10% (0-10V dimming) ¹⁴ SLD Step-level dimming ⁵	LP830 82CRI, 3000 K LP835 82CRI, 3500 K LP840 82CRI, 4000 K LP850 82CRI, 5000 K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K

nLight Interface	Control ¹²	Options
nLight Wired (blank) no nLight [®] interface N80 nLight with 80% lumen management N80EMG nLight with 80% lumen management. For use with generator supply EM power ⁹ N100 nLight without lumen management N100EMG nLight without lumen management. For use with generator supply EM power ⁹ nLight Wireless (blank) no nLight [®] interface NLTAIR2 nLight AIR Generation 2 enabled ¹⁴	nLight Wired (blank) No sensor control NES7 nLight™ nES 7 PIR integral occupancy sensor ¹² NESPD7 nLight™ nES PDT 7 dual technology integral occupancy control ¹² NES7ADXC nLight™ nES 7 ADXC PIR integral occupancy sensor with automatic dimming photocell ¹² NESPD7ADXC nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ¹² nLight Wireless RES7 nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities ¹³ RES7PDT nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell ¹³ RIO nLight AIR radio module without sensor	Individual Control MSD7ADXC PIR integral occupancy sensor with automatic dimming control photocell ^{12,13} MSDPD7ADXC PDT integral occupancy sensor with automatic dimming control photocell ^{12,13} EL7L 700 lumen battery pack (non-CEC compliant) ¹⁴ EL14L 1400 lumen battery pack (non-CEC compliant) ¹⁴ EL14LSD 1400 lumen battery pack with self-diagnostic testing feature (non-CEC compliant) ^{14,15} E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, CEC compliant ¹⁴ CP Chicago plenum ¹⁶ BGTD Bodine Generator Transfer Device ¹⁷ PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge, purple and gray ¹⁸ PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires ¹⁸ GLR Fast-blowing fuse ¹⁹ GMF Slow-blowing fuse ¹⁹ NPLT Narrow pallet RRL_ RELOC™-ready luminaire ²⁰ LATC Earthquake clip DWAM Anti-Microbial paint JP16 Job packaging IPSX Gasketed diffuser compartment to meet IPSX rating ²¹

Accessories next page

Notes

- Consult factory for airflow data.
- Approximate lumen output.
- All versions may not achieve 130+ LPW. Refer to photometry on www.aacuitybrands.com
- Air supply/return option, 90 CRI, and versions with integral sensor trim rings may not achieve 130 LPW.
- Not available with SLD, EL7L, or EL14L options.
- GZ1 and GZ10 not available with any Control or Sensor options.
- Not available with N80, N80EMG, N100, N100EMG, NLTAIR, or occupancy control.
- Not available with controls, occupancy controls, or PWS options. Consult factory for H-Lume dimming.
- nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture.
- Must order with RES7, RES7PDT, or RIO module. Only available with EZ1 driver. Not available with 85L, 100L, or 120L options.
- Must specify diffuser with trim rings. See sensor options on page 4.
- Requires N80, N80EMG, N100, or N100EMG.
- Only available with EZ1 driver option. 0-10V dimming wires not accessible via access plate.
- When using pre-wire option, use PWS1846 or PWS1846 PWSLV.

- For more information, please see the [PSSD2 specification sheet](#).
- Not available with N80, N80EMG, N100, or N100EMG.
- Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options.
- Not available with nLight wired/wireless network or individual controls.
- Must specify voltage, 120 or 277, with GLR and GMF fusing.
- For ordering logic consult [2BL_2013](#).
- Not available with air supply/return or Wired Networking (NES_) and Individual Control (MSD_) sensors.

2BLT Volumetric Recessed Lighting 2'x4'

Non-Configurable BLT								
Stock/MTD	Catalog Description *	UPC	Lumens	Wattage	LPW	Color Temperature	Voltage	Pallet Qty
Stock	2BLT4 40L ADP LP835	00190887470789	4000	31	129	3500K/82 CRI	120-277	26
	2BLT4 40L ADP LP840	00190887470765	4063	31	131	4000K/82 CRI	120-277	26
	2BLT4 48L ADP LP835	00190887468656	4960	38	131	3500K/82 CRI	120-277	26
	2BLT4 48L ADP LP840	00190887468649	5039	38	133	4000K/82 CRI	120-277	26
	2BLT4 40L ADP EL14L LP835	00190887470925	4000	31	129	3500K/82 CRI	120-277	26
	2BLT4 40L ADP EL14L LP840	00190887470918	4063	31	131	4000K/82 CRI	120-277	26
	2BLT4 48L ADP EL14L LP835	00190887468670	4960	38	131	3500K/82 CRI	120-277	26
	2BLT4 48L ADP EL14L LP840	00190887468663	5039	38	133	4000K/82 CRI	120-277	26
MTD	2BLT4 40L ADP 347 LP835		4000	31	129	3500K/82 CRI	347	26
	2BLT4 40L ADP 347 LP840		4063	31	131	4000K/82 CRI	347	26
	2BLT4 48L ADP 347 LP835		4960	38	131	3500K/82 CRI	347	26
	2BLT4 48L ADP 347 LP840		5039	38	133	4000K/82 CRI	347	26

*Generic 0-10V Dimming to 10%.

Accessories: Order as separate catalog number.	
DGA24	Drywall grid adapter for 2x4 recessed fixture
2X4SMK	Surface Mount Troffer Kit

nLight® Wired Control Accessories: Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight .			
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD GFX [color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RJB	10' cable	CATS 10FT J1
		30' cable	CATS 30FT J1

nLight® AIR Control Accessories: Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair .	
Wall switches	Model number
On/Off single pole	rPODB [color] G2
On/Off two pole	rPODB 2P [color] G2
On/Off & raise/lower single pole	rPODB DX [color] G2
On/Off & raise/lower two pole	rPODB 2P DX [color] G2
On/Off & raise/lower single pole	rPODBZ DX WH G2

rCMS Example: rCMS PDT 10 AR G2					
Series / Detection	Power Supply*	Occupancy Detection	Lens (Required)	Operating Mode	Generation
rCMS nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately PS 150 Standard 150 mA Power Supply	[blank] PIR Detection PDT Dual Tech PIR/Microphonics	10 Large Motion/ Extended Range 360° 9 Small Motion/ Extended Range 360° 6 High Bay 360° Lens	[BLANK] None AR Auxiliary Relay	G2 Generation 2 compatibility

Replacement Parts: Order as separate catalog number.		
*249P2N	2DBLT48 ADP LENS ASSEMBLY	4 ft. replacement lens
*249P2T	2DBLT48 SDP LENS ASSEMBLY	4 ft. replacement lens
*249P30	2DBLT48 ADSM LENS ASSEMBLY	4 ft. replacement lens
*249P33	2DBLT48 SDSM LENS ASSEMBLY	4 ft. replacement lens
*237LT2	2DBLT48 ADPT LENS ASSEMBLY	4 ft. replacement lens
*237LT4	2DBLT48 SDPT LENS ASSEMBLY	4 ft. replacement lens
*237LT6	2DBLT48 ADSMT LENS ASSEMBLY	4 ft. replacement lens
*237LT8	2DBLT48 SDSMT LENS ASSEMBLY	4 ft. replacement lens
*237LTA	2DBLT48 ADPT SENSOR LENS ASSEMBLY	4 ft. replacement lens
*237M52	2DBLT48 SDPT SENSOR LENS ASSEMBLY	4 ft. replacement lens
*237M5A	2DBLT48 ADSMT SENSOR LENS ASSEMBLY	4 ft. replacement lens
*237M5L	2DBLT48 SDSMT SENSOR LENS ASSEMBLY	4 ft. replacement lens

Notes

- 1 rCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.



LED: One Lithonia Way Conyers, GA 30012 Phone: 800-858-7763 www.lithonia.com

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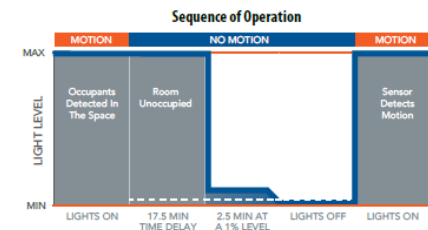
2BLT-2X4

Sensor Options					
Option	Automatic Dimming Photocell	Occupancy Sensing		nLight Wired Networking	nLight AIR Networking
		PIR	PDT		
MSD7ADCX	X	X			
MSDPD7ADCX	X		X		
NES7		X		X	
NES7ADCX	X	X		X	
NESPD7			X	X	
NESPD7ADCX	X		X	X	
RES7	X	X			X
RESPD7	X	X	X		X

Integrated Sensor with Individual Control

The MSD7ADCX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms or other areas where people are typically moving.

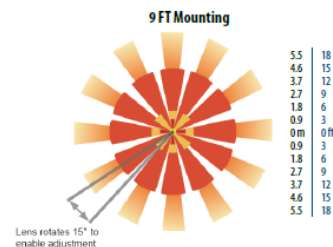
The MSDPD7ADCX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms.



*The presetting on the automatic dimming photocell is 5fc.

Sensor Coverage Pattern Mini 360° Lens

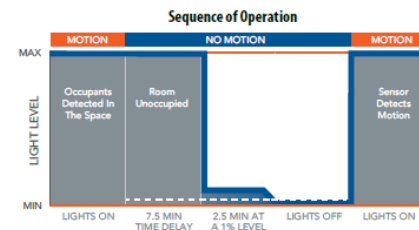
- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor



nLight Wired Networking

The nES 7 is ideal for small rooms without obstructions or areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the NES7ADCX includes an integrated photocell, which enables daylight harvesting controls.

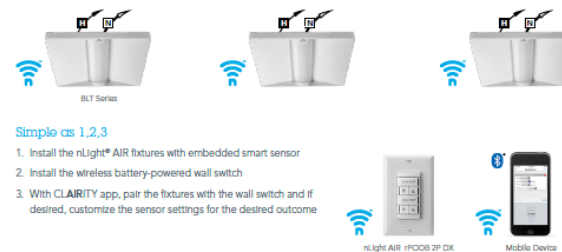
For areas like restrooms, private offices, open offices, conference rooms or any space with obstructions, the nES PD7 dual technology sensor is recommended. The nES PD7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the NESPD7ADCX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.



*The presetting on the automatic dimming photocell is 5fc.

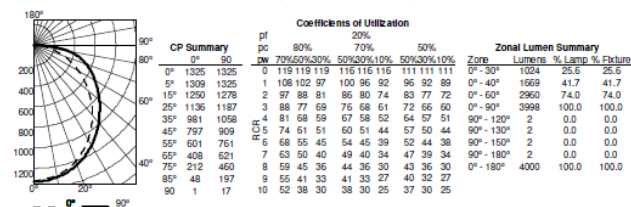
nLight AIR Wireless

nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. Integrated RES7 or RESPDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.

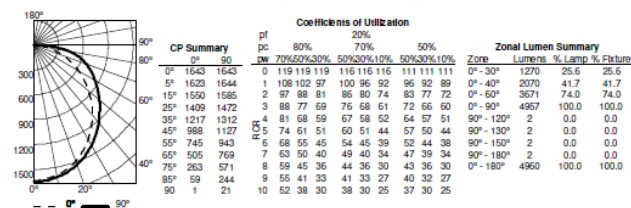


PHOTOMETRICS

2BLT4 40L ADP LP835, 4000 delivered lumens, test no. ISF36900P109, tested in accordance to IESNA LM-79

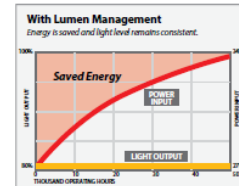
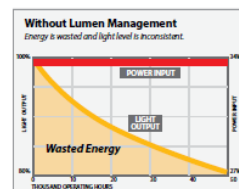


2BLT4 48L ADP LP835, 4960 delivered lumens, test no. ISF 36900P117, tested in accordance to IESNA LM-79



Constant Lumen Management

Enabled by the embedded nLight control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



How to Estimate Delivered Lumens in Emergency Mode

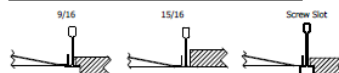
Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet. LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

MOUNTING DATA	
Ceiling Type	Appropriate Trim Type
Exposed grid tee (1" and 9/16")	G
Concealed grid tee	G
Plaster or plasterboard	G*



*DGA accessory available to provide ceiling trim flange and fixture support for plaster or plasterboard ceiling. Recommended rough-in dimensions for DGA installation is 24-3/4" x 48-3/4" (Tolerance is +1/8", -0").

Performance Data					
Material	Lumens	LPW	Watts	DLC Listing	DLC ID
2BLT430L ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	2962.0	127.3	23.3	Premium	PWIDEMHS
2BLT430L ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	2828.0	123.3	22.9	Premium	PK3HLJFK
2BLT430L ADP E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	3009.3	129.3	23.3	Premium	P18J5GLD
2BLT430L ADPT E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	2969.2	127.6	23.3	Premium	P34BZXSG
2BLT440L ADP LP835	4000.0	126.2	31.7	Premium	PVIX7BV6
2BLT440L ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4000.0	126.2	31.7	Premium	PDWKXYFD
2BLT440L ADP LP835	4000.0	126.2	31.7	Premium	PVIX7BV6
2BLT440L ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4000.0	126.2	31.7	Premium	PDWKXYFD
2BLT440L ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	3946.7	124.5	31.7	Premium	P563CPK6
2BLT440L ADP LP840	4063.9	128.2	31.7	Premium	P7GUNP7R
2BLT440L ADP E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	4063.9	128.2	31.7	Premium	PEYXAZWD
2BLT440L ADPT E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	4009.7	126.5	31.7	Premium	PK79UR9W
2BLT448L ADP LP835	4960.0	130.5	38.0	Premium	PFRIJ4KY
2BLT448L ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4960.0	130.5	38.0	Premium	P9CK6C1
2BLT448L ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4892.9	128.8	38.0	Premium	PPFKZU3U
2BLT448L ADP LP840	5039.2	132.6	38.0	Premium	P35XAWRT
2BLT448L ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4960.0	130.5	38.0	Premium	P9CK6C1
2BLT448L ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4892.9	128.8	38.0	Premium	PPFKZU3U
2BLT460L ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	6016.0	126.4	47.6	Premium	P5J6QERM
2BLT460L ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	5935.8	124.7	47.6	Premium	PHT84BW4
2BLT460L ADP E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	6112.0	128.4	47.6	Premium	PVXQXPVU
2BLT460L ADPT E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	6030.6	126.7	47.6	Premium	PXV55BC8

DLC information is subject to change, for the most up-to-date information please refer to www.dlc.org. Above listings do not cover 347v or SLD.

HE Performance Data					
Material	Lumens	LPW	Watts	DLC Listing	DLC ID
2BLT430LHE ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	3107.0	135.2	23.0	Premium	P7KEICW5
2BLT430LHE ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	3065.6	133.4	23.0	Premium	P7P2AJDZ
2BLT430LHE ADP E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	3156.6	137.3	23.0	Premium	P0DM06BH
2BLT430LHE ADPT E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	3114.5	135.5	23.0	Premium	P2N23EBP
2BLT440LHE ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4085.0	138.6	29.5	Premium	P67P65SY
2BLT440LHE ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4030.5	136.7	29.5	Premium	PC15DQEC
2BLT440LHE ADP E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	4150.0	140.8	29.5	Premium	P95UQD46
2BLT440LHE ADPT E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	4094.9	138.9	29.5	Premium	PGRC5J2T
2BLT448LHE ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4770.0	138.2	34.5	Premium	PXBJBGN8
2BLT448LHE ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4706.4	136.3	34.5	Premium	P2NK2H33
2BLT448LHE ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4770.0	138.2	34.5	Premium	PXBJBGN8
2BLT448LHE ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	4706.4	136.3	34.5	Premium	P2NK2H33
2BLT460LHE ADP E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	5894.0	135.1	43.6	Premium	PQZN176R
2BLT460LHE ADPT E21 (GZ1, GZ10) LP835 (ALL OPTIONS)	5815.4	133.3	43.6	Premium	PZ72TAWM
2BLT460LHE ADP E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	5988.1	137.3	43.6	Premium	PG5CYUC
2BLT460LHE ADPT E21 (GZ1, GZ10) LP840 (ALL OPTIONS)	5908.3	135.5	43.6	Premium	PRC4W72B

DLC information is subject to change, for the most up-to-date information please refer to www.dlc.org. Above listings do not cover 347v or SLD.



FEATURES & SPECIFICATIONS

INTENDED USE — The BLT Best-in-Value Low Profile LED luminaire features a popular center basket design that offers a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLT the perfect choice for many lighting applications including schools, offices and other commercial spaces, retail, hospitals and healthcare facilities. The low profile BLT design (2-3/8") also makes it an excellent choice for renovation projects.

CONSTRUCTION — BLT enclosure components are die-formed for dimensional consistency and painted after fabrication with a polyester powder paint for improved performance and protection.

The reflector is finished with a high reflective matte white powder paint for improved aesthetics and increased light diffusion.

End plates contain easy-to-position integral T-bar clips for securely attaching the luminaire to the T-grid. For additional T-grid security, optional screw on T-bar clips are available.

Diffusers are extruded from impact modified acrylic for increased durability.

LED boards and drivers are accessible from the plenum.

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Four diffuser choices available — curved and square designs with linear prisms of a smooth frosted finish.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 70% LED lumen maintenance at 60,000 hours (L70/60,000).

Non-Configurable BLT — Generic 0-10 volt dimming driver. 0 to 100%.

Configurable BLT — available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information below.

elidoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 80% efficiency and low EMI.

Optional integrated nLight® controls make each luminaire addressable — allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocells. Connection to nLight is simple. It can be accomplished with integrated nLight AIR wireless or through standard Cat-5 cabling. nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission, while nLight AIR is commissioned easily through an intuitive mobile app.

Lumen Management — Unique lumen management system (option NMT) provides on-board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

Driver disconnect provided where required to comply with US and Canadian codes.

SENSOR — Integrated sensor (individual control): Sensor Switch MSD/ADCK (Passive Infrared (PIR)) or MSD/PT/ADCK (PIR/Microphonic Dual Tech (PDT)) integrated occupancy sensor/automatic dimming photocell allows the luminaire to power off when the space is unoccupied if enough ambient light is entering the space. See page 4 for more details on the integrated sensor.

Integrated Sensor (nLight Wired Networking) — This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using Cat-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software. See page 4 for the nLight sensor options.

Integrated Smart Sensor (nLight Air Wireless Platform) — The iES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is both a digital PIR occupancy sensor/automatic dimming photocell. It pairs to other luminaires and wall switches through our mobile app, CLAWTIC, which allows for simple sensor adjustment. See page 4 for more details on the Integrated Smart Sensor.

INSTALLATION — The BLT's low profile design of only 2-3/8" provides increased installation flexibility especially in restrictive plenum applications. The BLT fits into standard 15/16" and narrow 9/16" T-grid ceiling systems.

Suitable for damp location.

For recessed mounting in hard ceiling applications, Drywall Grid Adapters (DGA) are available as an accessory. See Accessories section.

LISTINGS — CSA Certified to meet U.S. and Canadian standards. IC rated.

Designlights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/DPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/customerresources/letms_and_conditions.aspx

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Yorba Linda, CA 92886
714.981.1864 office
714.555.5993 mobile
914.846.1364 fax



Catalog Number
Notes
Type

BLT Series LED

2BLT

2' x 2'
LED

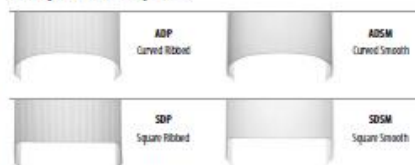


Specifications

Length: 23-3/4 (60.3)	
Width: 23-3/4 (60.3)	
Depth: 2-3/8 (6.0)	
Depth with AR supply/return: 2-3/4 (6.9)	

All dimensions are inches (centimeters) unless otherwise specified.

Multiple Diffuser Options



Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level* when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

2BLT-2X2

2BLT Volumetric Recessed Lighting 2'x2'



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 2BLT2 33L ADP EZ1 LP835

2BLT2						
Series	Air function	Lumens ²	Diffuser	Voltage	Driver	Color temperature
2BLT2 2X2 BLT	(blank) Static A Air supply/return ⁴	Standard efficiency ^{3,4} (>125 LPW) 20L 2000 33L 3300 40L 4000 48L 4800	High efficiency ^{5,6} (>130 LPW) 20LHE 2000 33LHE 3300 40LHE 4000 48LHE 4800	ADP Curved, linear prisms ADSM Curved, smooth SDP Square, linear prisms SDSM Square, smooth Includes trim rings to match sensored version ADPT Curved, linear prisms ADSMT Curved, smooth SDPT Square, linear prisms SDSMT Square, smooth	(blank) MVOLT 120 120V 277 277V 347 347V ⁷ EZ1 eledLED dims to 1% (0-10 volt dimming) GZ1 Dims to 1% (0-10V dimming) ⁸ GZ10 Dims to 10% (0-10V dimming) ⁹ SLD Step-level dimming ⁷	LP830 82CRI, 3000 K LP835 82CRI, 3500 K LP840 82CRI, 4000 K LP850 82CRI, 5000 K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K

nLight Interface	Control ¹²	Options
nLight Wired (blank) no nLight ® interface N80 nLight with 80% lumen management N80EMG nLight with 80% lumen management For use with generator supply EM power ¹⁶ N100 nLight without lumen management N100EMG nLight without lumen management For use with generator supply EM power ¹⁶	nLight Wired (blank) No sensor control NES7 nLight™ nES7 PIR integral occupancy sensor ¹³ NESPDT7 nLight™ nES PDT 7 dual technology integral occupancy control ¹³ NES7ADCX nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ^{13,14} NESPDT7ADCX nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ¹³ nLight Wireless RES7 nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities ¹⁴ RES7PDT nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell ¹⁴ RIO nLight AIR radio module without sensor	Individual Control MSD7ADCX PIR integral occupancy sensor with automatic dimming control photocell ^{13,14} MSDPDT7ADCX PDT integral occupancy sensor with automatic dimming control photocell ^{13,14} EL7L 700 lumen battery pack (non-CEC compliant) ¹⁵ EL14L 1400 lumen battery pack (non-CEC compliant) ¹⁵ EL14LSD 1400 lumen battery pack with self-diagnostic testing feature (non-CEC compliant) ^{15,16} E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, CEC compliant ¹⁵ CP Chicago plenum ¹⁷ BGTD Bodine Generator Transfer Device ¹⁸ PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge, purple and grey ¹⁹ PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires ¹⁹ GLR Fast-blowing fuse ²⁰ GMF Slow-blowing fuse ²⁰ NPLT Narrow pallet RRL_ RELOC®-ready luminaire ²¹ LATC Earthquake clip DWAM Anti-Microbial paint JP32 Job packaging IP5X Gasketed diffuser compartment to meet IP5X rating ²²

Non-Configurable BLT							
Stock/MTO	Catalog Description *	UPC	Lumens	Wattage	LPW	Color Temperature	Voltage Pallet Qty
Stock	2BLT2 33L ADP LP835	00190887529708	3332	26	127	3500K/82 CRI	120-277 52
	2BLT2 33L ADP LP840	00190887529739	3385	26	129	4000K/82CRI	120-277 52
	2BLT2 33L ADP EL 14L LP835	00190887529890	3332	26	127	3500K/82CRI	120-277 52
	2BLT2 33L ADP EL 14L LP840	00190887529937	3385	26	129	4000K/82CRI	120-277 52
MTO	2BLT2 33L ADP 347 LP835		3332	26	127	3500K/82 CRI	347 52
	2BLT2 33L ADP 347 LP840		3385	26	129	4000K/82CRI	347 52

*Generic 0-10V Dimming to 10%.

Notes and Accessories next page

Notes

- 1 Consult factory for airflow data.
- 2 Approximate lumen output.
- 3 All versions may not achieve 125+ LPW. Refer to photometry on www.acuitybrands.com.
- 4 Air supply/return option, 90 CRI, and versions with integral sensor trim rings may not achieve 125 LPW.
- 5 All versions may not achieve 130+ LPW. Refer to photometry on www.acuitybrands.com.
- 6 Air supply/return option, 90 CRI, and versions with integral sensor trim rings may not achieve 130 LPW.
- 7 Not available with SLD, EL7L, or EL14L options.
- 8 G21 and G210 not available with any Control or Sensor options.
- 9 Not available with N80, N80EMG, N100, N100EMG, NLTAIR, or occupancy control.
- 10 Not available with controls, occupancy controls, or PWS options. Consult factory for Hi-Lume dimming.
- 11 nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture.
- 12 Must order with RES7, RES7PDT or Rio module. Must order with EZ1 driver.
- 13 Must specify diffuser with trim rings. See sensor options on page 4.
- 14 Requires N80, N80EMG, N100, or N100EMG.
- 15 Only available with EZ1 driver option. 0-10v dimming wires not accessible via access plate.
- 16 When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
- 17 For more information, please see the [PSSD2 specification sheet](#).
- 18 Not available with N80, N80EMG, N100, or N100EMG.
- 19 Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options.
- 20 Not available with nLight wired/wireless network or individual controls.
- 21 Must specify voltage, 120 or 277, with GLR and GFM fusing.
- 22 For ordering logic consult [R9L_2013](#).
- 23 Not available with air supply/return or Wired Networking (NES_) and Individual Control (MSD_) sensors.

Accessories: Order as separate catalog number.

DGA22	Drywall grid adapter for 2x2 recessed fixture
2X2SMK	Surface Mount Troffer Kit

nLight® Wired Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RUB / nCM PDT 9 RUB
On/Off & raise/lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RUB / nCM PDT 10 RUB
Graphic touchscreen	nPOD GFX [color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RUB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color] G2
On/Off two pole	rPODB 2P [color] G2
On/Off & raise/lower single pole	rPODB DX [color] G2
On/Off & raise/lower two pole	rPODB 2P DX [color] G2
On/Off & raise/lower single pole	rPODBZ DX WH G2

Example: RCMS PDT 10 AR G2					
Series / Detection	Power Supply ¹	Occupancy Detection	Lens (Required)	Operating Mode	Generation
RCMS nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately PS 150 Standard 150 mA Power Supply	[blank] PIR Detection PDT Dual Tech PIR/Microphonics	10 Large Motion/ Extended Range 360° 9 Small Motion/ Extended Range 360° 6 High Bay 360° Lens	[BLANK] None AR Auxiliary Relay	G2 Generation 2 compatibility

Replacement Parts: Order as separate catalog number.

*247WJV	2DBLT24 ADP LENS ASSEMBLY	2 ft. replacement lens
*249P2P	2DBLT24 SDP LENS ASSEMBLY	2 ft. replacement lens
*249P2W	2DBLT24 ADSM LENS ASSEMBLY	2 ft. replacement lens
*249P32	2DBLT24 SDSM LENS ASSEMBLY	2 ft. replacement lens
*237LT1	2DBLT24 ADPT LENS ASSEMBLY	2 ft. replacement lens
*237LT3	2DBLT24 SDPT LENS ASSEMBLY	2 ft. replacement lens
*237LT5	2DBLT24 ADSMT LENS ASSEMBLY	2 ft. replacement lens
*237LT7	2DBLT24 SDSMT LENS ASSEMBLY	2 ft. replacement lens
*237LT9	2DBLT24 ADPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M4Y	2DBLT24 SDPT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M57	2DBLT24 ADSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens
*237M5H	2DBLT24 SDSMT SENSOR LENS ASSEMBLY	2 ft. replacement lens

Notes

- 1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.



2BLT Volumetric Recessed Lighting 2'x2'

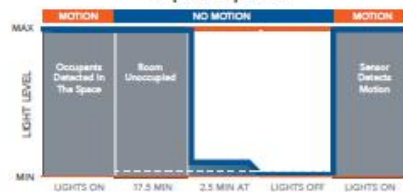
Option	Sensor Options				
	Automatic Dimming Photocell	Occupancy Sensing	nLight Wired Networking	nLight AIR Networking	nLight AIR Zone
MSD7AD/CX	X	X			
MSDPD7AD/CX	X	X			
NES7		X	X		
NES7AD/CX	X	X	X		
NESPD7			X	X	
NESPD7AD/CX	X		X	X	
RES7N	X	X			X
RES7Z	X	X			X

Integrated Sensor with Individual Control

The MSD7AD/CX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms of other areas where people are typically moving.

The MSDPD7AD/CX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms.

Sequence of Operation

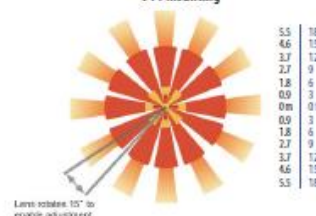


*The presetting on the automatic dimming photocell is 5%.
*The presetting on the automatic dimming photocell is 5%.

Sensor Coverage Pattern
Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor

9 FT Mounting



Lens rotates 180° to enable adjustment

Basic nLight Zone

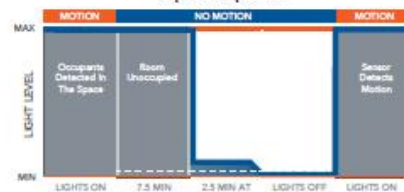


nLight Wired Networking

The NES 7 is ideal for small rooms without obstructions of areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the NES7AD/CX includes an integrated photocell, which enables daylight harvesting controls.

For areas like restrooms, private offices, open offices, conference rooms of any space with obstructions, the NES PD7 dual technology sensor is recommended. The NES PD7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the NESPD7AD/CX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.

Sequence of Operation



*The presetting on the automatic dimming photocell is 5%.

nLight AIR Wireless

nLight AIR is the ideal solution for retrofit of new construction spaces where adding additional wiring can be labor intensive and costly. The integrated IES 7 smart sensor is part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.



LITHONIA LIGHTING®
An Acuity Brands Company

LED: One Lithonia Way, Conyers, GA 30012 Phone: 800-858-7763 www.lithonia.com © 2015-2016 Acuity Brands Lighting, Inc.

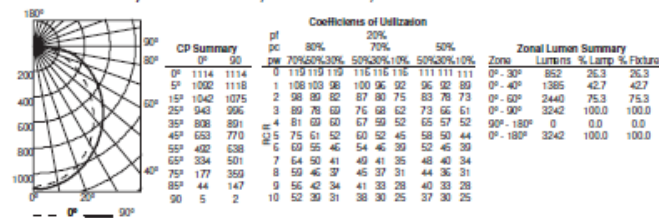
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2BLT-202

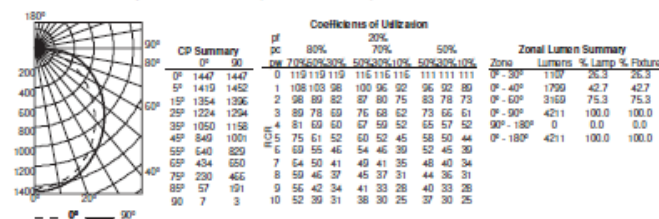
2BLT Volumetric Recessed Lighting 2'x2'

PHOTOMETRICS

2BLT2 33L ADP LP835, 3241 delivered lumens, test no. LTL28918P4, tested in accordance to IESNA LM-79

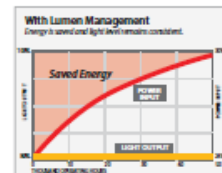


2BLT2 40L ADP LP835, 4210 delivered lumens, test no. LTL28918P5, tested in accordance to IESNA LM-79



Constant Lumen Management

Enabled by the embedded light control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Related to column management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



Performance Data				HE Performance Data			
Lumen Package	Lumens	Input Watts	LPW	Lumen Package	Lumens	Input Watts	LPW
20L ADP LP830	2157	20	110	33LHE ADP LP830	3537	28	126
20L ADP LP835	2213	20	113	33LHE ADP LP835	3628	28	130
20L ADP LP840	2261	20	116	33LHE ADP LP840	3708	28	132
20L ADP LP850	2373	20	121	33LHE ADP LP840	3708	28	139
33L ADP LP830	3160	30	106	40LHE ADP LP830	4118	32	127
33L ADP LP835	3241	30	108	40LHE ADP LP835	4224	32	131
33L ADP LP840	3313	30	111	40LHE ADP LP840	4317	32	134
33L ADP LP850	3476	30	116	40LHE ADP LP850	4530	32	140
40L ADP LP830	4103	39	106	48LHE ADP LP830	4699	37	128
40L ADP LP835	4209	39	108	48LHE ADP LP835	4820	37	131
40L ADP LP840	4302	39	111	48LHE ADP LP840	4927	37	134
40L ADP LP850	4514	39	116	48LHE ADP LP850	5169	37	140
AIR 20L ADP LP830	2079	20	103				
AIR 20L ADP LP835	2060	20	105				
AIR 20L ADP LP840	2116	20	108				
AIR 20L ADP LP850	2134	20	109				
AIR 33L ADP LP830	2957	28	104				
AIR 33L ADP LP835	3017	28	107				
AIR 33L ADP LP840	3099	28	109				
AIR 33L ADP LP850	3126	28	110				
AIR 40L ADP LP830	3847	39	99				
AIR 40L ADP LP835	3979	39	101				
AIR 40L ADP LP840	4025	39	104				
AIR 40L ADP LP850	4040	39	104				

MOUNTING DATA	
Ceiling Type	Appropriate Trim Type
Exposed grid tee	G
Concealed grid tee	G
Plaster or plasterboard	G*



*DGA accessory available to provide ceiling trim flange and fixture support for plaster or plasterboard ceiling. Recommended rough-in dimensions for DGA installation is 24-3/4" x 24-3/4" (tolerance is +1/8", 0").



An Acuity Brands Company

LED: One Lithonia Way, Conley, GA 30012 Phone: 800-858-7763 www.lithonia.com © 2015-2016 Acuity Brands Lighting, Inc. All rights reserved. Rev. 12/19/16

Catalog Number:

Date:

Project:

OVERVIEW

The **WSX** family of wall switch occupancy sensors provides simple and cost effective solutions for commercial and residential lighting control applications. All **WSX** family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), making them perfect for private offices, private rest rooms, closets, copy rooms, or any other small enclosed space. Additionally, all **WSX** family sensors have a patent-pending wiring method that enables them to function either with or without a neutral connection. **WSX** units come pre-configured for wiring without a neutral, however if connection to neutral is required by code, contractors can convert the unit in seconds.

SPECIFICATIONS

Size:	2.74" H x 1.68" W x 1.63" D (6.96 cm x 4.27 cm x 4.14 cm) (not including ground strap)
Weight:	5 oz
Mounting:	Single Gang Switch Box
Mounting Height:	30-48 in (76.2-121.9 cm)
Maximum Load/Pole:	(Relay) 800 W @ 120VAC, 1200 W @ 277VAC, 1500 W @ 347VAC
Minimum Load:	None
Motor Load:	1/4 HP
Max Sink Current:	50 mA
0-10V Dim Min Output:	<0.3 V
Frequency:	50/60 Hz (timers are 1.2x for 50Hz)
ROHS Compliant	

Warranty

Five-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

AcuityControls

Sensor Switch™

WSX D

Dimming Occupancy Wall Switch



Joel Huiskens
National Account Executive
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www.wbright.com

Wiedenbach Brown
3760 Prospect Avenue
Folsom, CA 95686
714-981-1954 office
714-955-9993 mobile
916-816-1964 fax

**ORDERING INFORMATION**

WSX D				
Series	Detection Mode	eldoLED	Dimming	Operating Mode
WSX Wall Switch Occupancy Sensor	[blank] Passive Infrared (PIR) PDT Dual Technology	[blank] None Ez ¹ eldoLED Driver Compatibility	D Dimming	[blank] Automatic On SA Manual On
WSX D (Continued)				
Example: WSX PDT D 347 WH BH				
Voltage	Color ²	Max Dim Level ³	Min Dim Level ⁴	
[blank] 120/277 VAC 347 ³ 347 VAC	WH White IV Ivory GY Gray	AL Almond BK Black RD ⁴ Red	[blank] 10 VDC 9H 9 VDC 8H 8 VDC 7H 7 VDC	[blank] 0 VDC 4V 4 VDC 1V 1 VDC 5V 5 VDC 2V 2 VDC 6V 6 VDC 3V 3 VDC

NOTES:

1) Max Dim Level default set to 9.1VDC. Min Dim Level default set to 1.5VDC

2) Wall plate included for white or ivory only for 347 VAC units

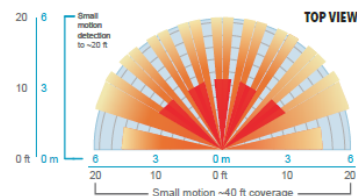
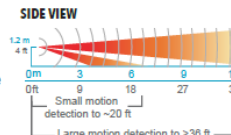
3) Matching wall plate provided for 120/277 VAC units

4) Special order

5) For setting other than default, minimum order quantity of 30 units

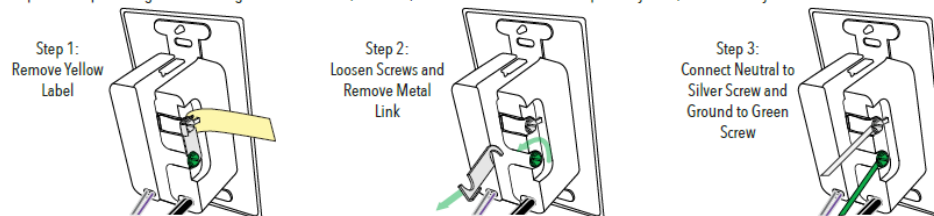
COVERAGE PATTERNS

- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft²
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft²
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.

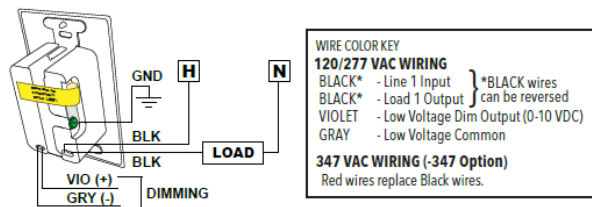


CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.



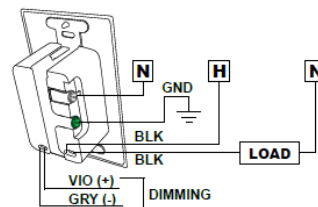
WIRING TO GROUND (NO NEUTRAL)



NOTES:

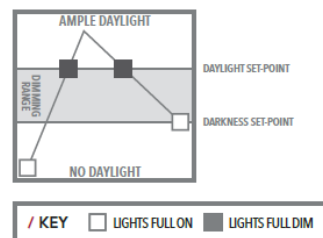
- 1.) Per NEC requirements, the 0-10V violet and gray wires must be installed as Class One.
- 2.) The 0-10V control wires must not exceed 250 ft (76 m) in length and must be sized at no less than 20AWG.

WIRING TO NEUTRAL



Adaptive Daylight Harvesting (ADH)

With Sensor Switch's Adaptive Daylight Harvesting (ADH), automatic dimming has never been more reliable - even in a wall switch. It works by establishing two state change set-points; daylight and darkness. The light level in the space will then be automatically maintained by **intelligently controlling** the dim level of the electric light source. Set-points can be established using the "Set Now" option or programmed using desired light levels as measured in foot candles (fc).



OPERATIONAL SETTINGS

2 = Occupancy Time Delay

The length of time an occupancy sensor will keep the lights on after its last detected occupancy.

1-Test Mode**	5-7.5 min	9-17.5 min	13-27.5 min
2-30 sec	6-10.0 min*	10-20.0 min	14-30.0 min
3-2.5 min	7-12.5 min	11-22.5 min	
4-5.0 min	8-15.0 min	12-25.0 min	

**Test mode sets Occupancy Time Delay to 30 seconds, and increases photocell transition rate in addition to disabling the microphone on units with Dual Technology.

3 = On Mode

Automatic On¹

Sensor automatically turns the lights on when it detects occupancy.

Manual On

Sensor requires pressing the button to turn the lights on.

Reduced Turn-On

Sensor is set to initially only detect large motions, effectively ignoring any reflected Passive Infrared (PIR) signals. Occupants will still be detected immediately when they enter the room as their PIR signal is large. Once lights are on, the sensor returns to maximum sensitivity.

1-Automatic On*	3-Reduced Turn-On
2-Manual On	

4 = Switch Modes

Switch Enable (Override Off)¹

Button will turn lights off and keep them off until pressed again. The lights will remain off until the button is pressed again, restoring the sensor to Automatic On mode.

Switch Disable

User is prevented from turning off the lights via the push-button.

Predictive Mode

Pressing the push-button switch overrides the lights off and temporarily disables the occupancy detection. After 10 seconds, the occupancy detection reactivates and monitors for an additional 30 seconds. If no occupancy is detected during this period, the sensor will revert to Automatic On operation. If occupancy is detected, the sensor will remain in Override Off mode and requires the switch to be pressed again in order to restore the sensor to Automatic On.

Predictive Mode with Expiration

Pressing the push-button switch overrides the lights off and temporarily disables the occupancy detection. After 10 seconds, the occupancy detection reactivates and monitors for an additional 30 seconds. If no occupancy is detected during this period, the sensor will revert to Automatic On operation.

1-Switch Enable	3-Predictive Mode
2-Switch Disable	4-Predictive Mode with Expiration*

5 = Darkness Set-Point/ Inhibit Set-Point

The ambient light level at which the sensor sets the lights to the High Trim setting.

1-Set Now**	5-8 fc	9-40 fc	13-120 fc
2-0.1 fc	6-16 fc	10-64 fc	14-192 fc
3-1 fc	7-24 fc*	11-80 fc	15-256 fc
4-4 fc	8-32 fc	12-96 fc	

**Set Now will automatically select the Darkness Set-Point based on the current conditions in the room. Lights will go to full bright and sensor will rapid flash for 15 seconds allowing occupants to move out of direct view of sensor. Once the set-point selection is completed, the sensor will double-blink in confirmation.

6 = Daylight Set-Point

The ambient light level at which the sensor sets the lights to the Low Trim setting.

1-Set Now**	5-8 fc	9-48 fc	13-120 fc
2-0.1 fc	6-16 fc	10-64 fc*	14-192 fc
3-1 fc	7-24 fc	11-80 fc	15-256 fc
4-4 fc	8-32 fc	12-96 fc	

**Set Now will automatically select the Daylight Set-Point based on the current conditions in the room. Lights will go to full dim and sensor will rapid flash for 15 seconds allowing occupants to move out of direct view of sensor. Once the set-point selection is completed, the sensor will double-blink in confirmation.

7 = Photocell Mode

Inhibit Only

Prevents lights from automatically coming on when light level is above the Inhibit Set-Point.

Adaptive Daylight Harvesting

Dim lights from high trim to low trim setting according to Darkness and Daylight set-points.

1-Disabled*	3-Adaptive Daylight Harvesting
2-Inhibit Only	

8 = Dim to Off Occupancy Time Delay

After the Occupancy Time Delay (Function 2) has expired, this setting specifies the amount of time lights are held at Low Trim (Function 14) before turning off.

1-0 sec*	5-7.5 min	9-17.5 min
2-30 sec	6-10 min	10-20 min
3-2.5 min	7-12.5 min	11-Steps at dim (never off)
4-5 min	8-15 min	

9 = Restore Defaults

Returns all functions to original settings.

1-Maintain Current*
2-Restore Defaults

10 = Minimum On Time

Required initial time for lamps to be on after each switch on, regardless of occupancy status. Once met, lights resume following occupancy time delay.

1-0 min (disabled)*	4-45 min
2-15 min	5-60 min
3-30 min	

11 = LED Operation

Indicates behavior of device's LED.

1-Occupancy Indication*
2-Disabled

12 = Dual Technology (Microphonics™)

The secondary method of occupancy detection that allows the sensor to hear occupants.

1-Normal*	4-Low
2-Off	5-Phase Off (15-10-5 min)
3-Medium	

13 = Microphone Grace Period

Time period after lights are automatically turned off that they can be voice reactivated.

1-0 sec	5-40 sec
2-10 sec*	6-50 sec
3-20 sec	7-60 sec
4-30 sec	

14 = Manual On Grace Period

Time period after lights automatically turn off that they can be reactivated by motion. Applicable only when sensor is in Manual On (Semi Auto) mode.

1-0 sec	3-15 sec*
---------	-----------

15 = Dimming Range Max (High Trim)

The maximum output level of the sensor.

1-0 VDC	5-3 VDC	9-7 VDC	13-10 VDC*
---------	---------	---------	------------

2-1 VDC	6-4 VDC	10-8 VDC	
---------	---------	----------	--

3-1.5 VDC	7-5 VDC	11-9 VDC	
-----------	---------	----------	--

4-2 VDC	8-6 VDC	12-9.1 VDC**	
---------	---------	--------------	--

**Default for EZ option

16 = Dimming Range Min (Low Trim)

The minimum output level of the sensor.

1-0 VDC	5-3 VDC	9-7 VDC	13-10 VDC
---------	---------	---------	-----------

2-1 VDC*	6-4 VDC	10-8 VDC	
----------	---------	----------	--

3-1.5 VDC**	7-5 VDC	11-9 VDC	
-------------	---------	----------	--

4-2 VDC	8-6 VDC	12-9.1 VDC	
---------	---------	------------	--

**Default for EZ option

17 = Predictive Exit Time

Time period after manually switching lights off for occupancy to leave the space. Applicable only when sensor is in Predictive Off mode.

1-5 sec	4-8 sec	7-15 sec
2-6 sec	5-9 sec	8-20 sec
3-7 sec	6-10 sec*	9-30 sec

18 = Predictive Grace Time

Time period after Predictive Exit Time that sensor rescans the room for remaining occupants. Applicable only when sensor is in Predictive Off mode.

1-0 sec	4-20 sec	7-50 sec
2-5 sec	5-30 sec*	8-60 sec
3-10 sec	6-40 sec	

19 = Fade On Rate

Time required for light to reach preset level.

1-0.75 sec*	3-5 sec
2-2.5 sec	4-15 sec

20 = Fade Off Rate

Time required for light to turn Off.

1-0.75 sec	3-5 sec
2-2.5 sec*	4-15 sec

21 = Start Level

Level of light output when occupancy is initially detected. Not applicable in Automatic Dimming Control (ADC) mode.

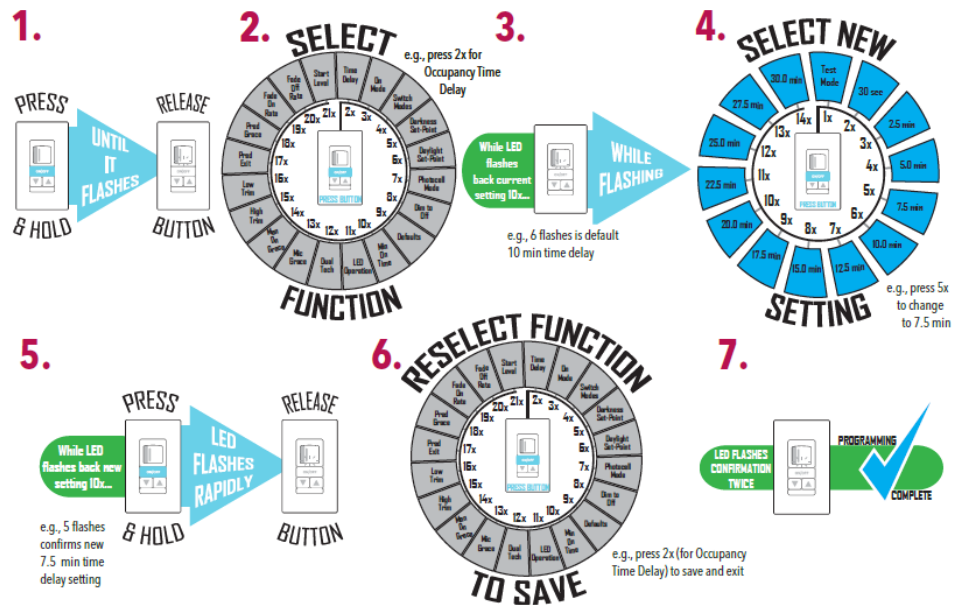
1-10%	4-40%	7-70%	10-100%*
2-20%	5-50%	8-80%	
3-30%	6-60%	9-90%	

* Default Setting

1. Not Applicable with Vacancy (VA) Option

PROGRAMMING INSTRUCTIONS

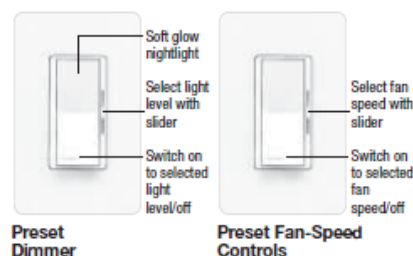
Operational settings can be changed via the push-button sequence outlined below (note the example used is for changing occupancy time delay).



Diva Controls

www.lutron.com/diva

The designer dimmer that matches your paddle switches.

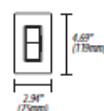


PRODUCT FAMILY FEATURES

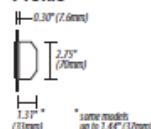
- Large paddle switch with a captive linear-slide dimmer for a standard designer wallplate opening
- Full family of products for most lighting sources
- Dimmers feature built-in soft-glow nightlight
- Uses standard single-pole and 3-way wiring for easy installation in any home
- For more Diva choices, see the new Diva Satin Colors product line

DIMENSIONS

Front



Profile



SPECIFICATION SERIES STANDARD FEATURES

- Square Law Dimming
 - Power-failure memory
 - Electrostatic discharge tested
 - Mechanical air-gap switch to disconnect load power
 - RFI suppression
 - Captive linear slider
 - Precise color matching
- Lutron controls are rated at 120VAC, 60Hz unless otherwise noted.

JOB NAME	AREA CONTROLLED
LOCATION	JOB NUMBER
TITLE	PAGE NO.

CONTROLS AND ACCESSORIES

Preset Dimmers



Receptacles



15A
Receptacle

Fan-Speed Controls



15A
GFCI Receptacle

Switches



Telephone/Cable TV Jacks



Single
Telephone Jack



Cable TV
Jack

Ports



6-Port
Frame

Standard Multigang Wallplates



2-gang to 6-gang wallplates











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LUTRON

DIVA Controls








Description	Maximum Capacity ¹	Model #
DIMMERS		
 Incandescent		
<i>Preset Dimmers with Nightlight</i>		
 Single pole	600W	DV-600P-
Single pole	1000W	DV-10P-
3-way	600W	DV-603P-
3-way	1000W	DV-103P-
Note: The nightlight is visible best on the lighter colors. For 3-way and 4-way switching, use with Claro switches or other mechanical switches.		
 Electronic Low Voltage		
<i>Preset Dimmers with Nightlight</i>		
 Single pole	300W	DVELV-300P-
3-way	300W	DVELV-303P-
Note: Requires neutral wire connection. The nightlight is visible best on the lighter colors. For 3-way and 4-way switching, use with Claro switches or other mechanical switches.		
 Magnetic Low Voltage		
<i>Preset Dimmers with Nightlight</i>		
 Single pole	600VA (450W ²)	DVLV-600P-
Single pole	1000VA (800W ²)	DVLV-10P-
3-way	600VA (450W ²)	DVLV-603P-
3-way	1000VA (800W ²)	DVLV-103P-
Note: The nightlight is visible best on the lighter colors. For 3-way and 4-way switching, use with Claro switches or other mechanical switches.		
 Fluorescent Dimming with Hi-Lume. and Eco-10. (ECO-Series) Electronic Ballasts		
<i>Preset Dimmers with Nightlight ³</i>		
 Single pole/ 3-way	8A	DVF-103P-
Single pole/ 3-way, 277V	6A	DVF-103P-277-
Note: Use with Lutron Hi-Lume or Eco-10 (ECO-Series) line voltage control Electronic Dimming Ballasts only. Requires neutral wire connection. The nightlight is visible best on the lighter colors. For 3-way and 4-way switching, use with Claro switches or other mechanical switches.		
 Fluorescent Dimming with Tu-Wire. Electronic Ballasts		
<i>Preset Dimmers with Nightlight</i>		
 Single pole/ 3-way	5A	DVFTU-5A3P-
Note: Use with Lutron Tu-Wire line voltage control electronic dimming ballasts only. The nightlight is visible best on the lighter colors. For 3-way and 4-way switching, use with Claro switches or other mechanical switches.		

¹ For capacities in multigang installations see derating pg. 3.

² Actual lamp wattages.

³ No derating required if ganged.

⁴ A physical barrier (partition) must exist when ganging with line-voltage products.

Description	Maximum Capacity ¹	Model #
HI-POWER 2•4•6- DIMMING MODULES		
To increase load capacity up to 30,000WVA in most popular sources, use one DV-600P- or DV-603P- and add up to five dimming modules. Cannot be used with 0-10VDC ballast.		
FAN-SPEED CONTROLS		
 Quiet Controls		
For use with one ceiling paddle fan.		
<i>Preset Fan-Speed Controls ³</i>		
 Single pole/ 3-way,	1.5A	DVFSQ-F-
3-speed		
Note: Does not have soft-glow nightlight. For 3-way and 4-way switching, use with Claro switches or other mechanical switches.		
SWITCHES ³		
General Purpose Switching of all Sources and Motor Loads		
 Single pole, 120/277V	15A	CA-1PSH-
3-way, 120/277V	15A	CA-3PSH-
4-way, 120/277V	15A	CA-4PSH-
ACCESSORIES		
Receptacles		
 <i>Receptacle ³</i>	15A, 125V	CAR-15H-
 <i>GFCI Receptacle ³</i>	15A, 125V	CAR-15-GFCIH-
Telephone and Cable Television Jacks		
A physical barrier (partition) must exist when ganging with line-voltage products.		
 <i>Single Telephone Jack ⁴</i>	6-conductor, RJ11	CA-PJH-
Note: Also accepts most 4-conductor plugs.		
 <i>Cable TV Jack ^{3,4}</i>	F-STYLE	
75-Ohm, coaxial cable jack		CA-CJH-

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ELXTEU Aluminum LED Edgelit Exit Sign

BEST
LIGHTING PRODUCTS

Project:	
Type:	
Catalog #:	

STANDARD

OPTIONAL



ILLUMINATION

- Ultra-bright, energy efficient, long-life Red or Green LED.
- UV-stabilized ultra-clear acrylic edgelit panel provides consistent, uniform illumination.
- Double face utilizes factory installed silver or white mylar background panel.

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 4.8V long life, maintenance-free, rechargeable NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING

- Aluminum mounting canopy included for top, end or back mount.

HOUSING

- Premium-grade, extruded aluminum housing (also available in black or white powder-coated finishes).
- Self-adhesive Chevron appliques and guide template provided for directional indication.

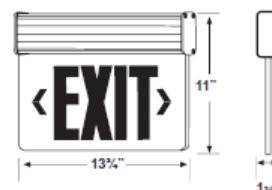
OPTIONS

- SDT: Self-diagnostic test feature performs monthly, biannually, and annually tests to ensure reliable operation and to meet electrical and life safety codes.
- 2C: Dual-circuit option on the AC-only unit enables it to be connected to two different (one acting as a back-up to the other) supplies at the same time.
- Custom: Signs available with requested 'special' wording.
- USA: Substantial transformation assembly in the U.S. complies with "Assembled in the USA" under the Buy American Act.

WARRANTY/LISTING

- Five year warranty on all electronics and housing. Battery pro-rated for five years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL listed for damp locations. (0°C – 50°C)

DIMENSIONS



ORDERING INFORMATION

Sample Part Number: ELXTEU-1-R-W-A-EM-USA

Model	No. of faces	Letters	Panel	Housing	Battery	Options
ELXTEU	1 Single Face	R Red	C Clear*	W White	Blank AC Only	Custom Custom Wording
	2 Double Face	G Green	M Mirror	B Black	EM Battery Backup	SDT Self-Diagnostics
			W White	A Aluminum		2C Dual-Circuit operation

*With single face only.

USA Assembled in the USA

BEST LIGHTING PRODUCTS • 1213 ETNA PARKWAY, PATASKALA OH 43062 • 740-964-1198 • www.bestlighting.net

Specifications and dimensions subject to change without notice.

ELXTEU Aluminum LED Edgelit Exit Sign



Project:	
Type:	
Catalog #:	

ELECTRICAL INFORMATION

Catalog Number	Input Watts (W)		Input Amps (A)	
	120V	277V	120V	277V
ELXTEU-RED/GREEN/EM/2C/SDT	3.8	4.5	0.030	0.020

RMR-16 Semi-Recessed MR-16 Emergency Unit

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3760 Prospect Avenue
Yorba Linda, CA 92886
714.981.1364 office
714.555.5993 mobile
949.846.1364 fax



STANDARD

OPTIONAL

**ILLUMINATION**

- Two fully adjustable ultra bright, round, 7W, MR-16 halogen lamp heads standard.
- Optional 3.3W white LED lamp heads.

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- LVD (low voltage disconnect) prevents battery from deep discharge.
- 6V maintenance-free, rechargeable sealed lead acid battery.
- Internal solid-state transfer switch automatically connects the internal battery to lamp heads for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING

- Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections.
- Top and side knockout for conduit applications.
- Suitable for wall mount.

**HOUSING**

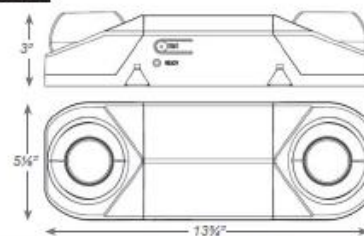
- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.

OPTIONS

- USA: Substantial transformation assembly in the U.S. complies with "Assembled in the USA" under the Buy American Act.
- LED: 3.3W high performance MR-16 base LED Lamps.

WARRANTY / LISTING

- Five year warranty on all electronics and housing. Battery pro rated for two years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (20°C – 40°C).

DIMENSIONS

Sample Part Number: RMR-16

ORDERING INFORMATION

Special Voltage options available.
Check with your Best Lighting representative.

MODEL	HOUSING COLOR	OPTIONS
RMR-16	Blank White B Black	LED 3.3W High Lumen White LED Lamp USA Assembled in USA

MEDIUM LED WALL PACK (SWM)

LEDs - Select high-brightness LEDs. Color temperature 5000K (CW), 4000K (NW) and 3000K (WW). CRI = 65 (All values nominal).

CONSTRUCTION - Die-cast aluminum housing with stainless steel hardware, tempered flat glass lens and silicon gaskets. Knock-out of top of housing for available photocell accessory.

THERMAL MANAGEMENT - Driver and LED module are mounted directly to aluminum housing to maximize heat dissipation.

DIMMING - 0-10 volt dimming standard.

INSTALLATION - Luminaire features a back plate design that can be easily mounted to any vertical surface.

ELECTRICAL - Class 2 driver has universal voltage (120-277V, 50/60 Hz) input. Active power factor correction (0.98 typical) and protection against over-voltage, over-temperature, short-circuit conditions and lightning (ANSI/IEEE 62.41 Class A).

OPERATING TEMPERATURE - -35° to 40°C (-31° to 104°F)

EXPECTED LIFE - Minimum 50,000 hours.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

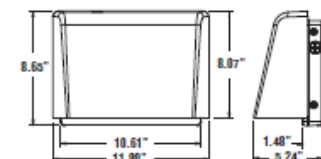
WARRANTY - Limited 5-year warranty.

LISTING - UL listed to U.S. and Canadian safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



DIMENSIONS



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LIGHT OUTPUT - SWM		
Lumens	Watts	LPW
4080	42	96

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **SWM 2 LED NW UE GBZ**

Prefix	Distribution	Light Source	Color Temperature	Voltage	Color
SWM - 42-watt LED Wall Pack	2	LED	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3000K)	UE - Universal Electronic (120-277V)	GBZ - Grey Bronze

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number
120VAC Photocell	SW PC1
208-277VAC Photocell	SW PC2



Project Name _____ Fixture Type _____
Catalog # _____

04/29/15
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LSI INDUSTRIES INC.



FEATURES & SPECIFICATIONS

INTENDED USE — Provides general illumination in residential and light commercial applications. Ideal for use in workshops, utility rooms and garages.

ATTRIBUTES — Slim, compact design available in 1- or 2-lamp configurations. Quality, postpainted steel construction.

MNS8 fixtures ship standard with low-power factor magnetic ballast (120 volt, 60 Hz).

MNS8 fixtures ship with 3000K linear fluorescent lamps. MNS8 fixtures are not available lamped.

MNS8 fixtures ship with normal power factor residential ballast (120 volt, 60 Hz) ensures no flickering and quiet operation. For use with non-dimmable switches only.

LISTINGS — CUL listed to US and Canadian safety standards and suitable for damp locations.

WARRANTY — Guaranteed for two years against mechanical defects.

Note: Specifications subject to change without notice.

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Catalog Number
Notes
Type

Contractor Select

Fluorescent Mini-Strip T5 or T8 Striplight



ORDERING INFORMATION

Item	Catalog number	UPC	Description	# of lamps	Length	Width	Height	Wattage	Lamp type	Lamp Include	Pallet Quantity	Standard Carton Quantity
*138RLX	MNS8 1 14 LP M6	745973907351	T5 mini-strip	1	22-3/4" (57.8)	1-1/2" (3.8)	2-1/8" (5.4)	14	T5	Y	480	1
*138RL	MNS8 1 21 LP M6	745973907375	T5 mini-strip	1	34-3/4" (88.3)	1-1/2" (3.8)	2-1/8" (5.4)	21	T5	Y	270	1
*138RLM	MNS8 1 28 LP M6	745973907382	T5 mini-strip	1	46-3/4" (118.7)	1-1/2" (3.8)	2-1/8" (5.4)	28	T5	Y	240	1
*138RLN	MNS8 2 14 LP M6	745973907429	T5 mini-strip	2	22-3/4" (57.8)	1-3/4" (4.4)	2-3/8" (6)	14	T5	Y	480	1
*138RLP	MNS8 2 21 LP M6	745973907443	T5 mini-strip	2	34-3/4" (88.3)	1-3/4" (4.4)	2-3/8" (6)	21	T5	Y	270	1
*138RLR	MNS8 2 28 LP M6	745973907566	T5 mini-strip	2	46-3/4" (118.7)	1-3/4" (4.4)	2-3/8" (6)	28	T5	Y	240	1
*206NEP	MNS8 1 17 120 RE M6	888791209297	T8 mini-strip	1	24-3/8" (61.9)	1-5/8" (4.1)	2-3/4" (7)	17	T8	N	448	1
*204RUG	MNS8 1 25 120 RE	74597729386	T8 mini-strip	1	36-3/8" (92.4)	1-5/8" (4.1)	2-3/4" (7)	25	T8	N	192	1
*204RUH	MNS8 1 32 120 RE M6	74597729430	T8 mini-strip	1	48-3/8" (122.9)	1-5/8" (4.1)	2-3/4" (7)	32	T8	N	168	1
*206GUT	MNS8 2 17 120 RE	784231542323	T8 mini-strip	2	24-3/8" (61.9)	2-3/8" (6)	2-7/8" (7.3)	17	T8	N	448	1
*206GHW	MNS8 2 25 120 RE	784231542386	T8 mini-strip	2	36-3/8" (92.4)	2-3/8" (6)	2-7/8" (7.3)	25	T8	N	192	1
*204RU	MNS8 2 32 120 RE M6	74597729690	T8 mini-strip	2	48-3/8" (122.9)	2-3/8" (6)	2-7/8" (7.3)	32	T8	N	168	1

Accessories/Replacement parts: Order as separate catalog number.

DMNS8 14 M12	2" white acrylic diffuser for use with MNS8 14W
DMNS8 21 M12	3" white acrylic diffuser for use with MNS8 21W
DMNS8 28 M12	4" white acrylic diffuser for use with MNS8 28W
DMNS8 17 M12	2" white acrylic diffuser for use with MNS8 17W
DMNS8 25 M12	3" white acrylic diffuser for use with MNS8 25W
DMNS8 32 M12	4" white acrylic diffuser for use with MNS8 32W



An Acuity Brands Company

INDUSTRIAL: One Lithonia Way, Conyers, GA 30012 Phone: 800-315-4863 Fax: 770-929-8789 www.lithonia.com © 2013-2015 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/10/15

MNS_TS_TB

PLUMBING REQUIREMENTS

PLUMBING

REQUIREMENTS

Toilet

High line Classic Comfort height two piece elongated 1.6 GPF toilet with Pressure Lite flush technology. # K4484

Toilet Seat

Solid polypropylene plastic Lustra K-4650

Toilet Tissue Dispenser/Paper Towel Dispenser

Order through Medline

Faucet

Two handle lavatory faucet Moen model #8820 with metal drain

Sink

Kohler Soho #K-2053-N

PLUMBING

REQUIREMENTS

Grab Bars

Bobrick #B-5806

Hand Dryer-Optional

Airblade V #HU02/Sprayed Nickel

NOTES: Grab bars and all hardware needs to be stainless steel
If your location has 7 wax rooms or more 2 restrooms are required.

PLUMBING

TOILET TANK



SPECIFICATION: Kohler K4484-0

MATERIAL/DESCRIPTION:

Toilet: Newly designed Pressure Lite™ toilets raise the bar for exceptional bulk flushing performance. This Highline™/ Wellworth® Pressure Lite toilet tank with left-hand trip lever, with its 1.0- gallon flush, provides a water savings of 5,000 gallons per year and offers complementary style for any bath or powder room.

SIZE: 8 5/8"L x 21 1/4"W x 14 1/4"H

VENDOR: Kohler

PLUMBING

TOILET BOWL



SPECIFICATION: Kohler K4304-0

MATERIAL/DESCRIPTION:

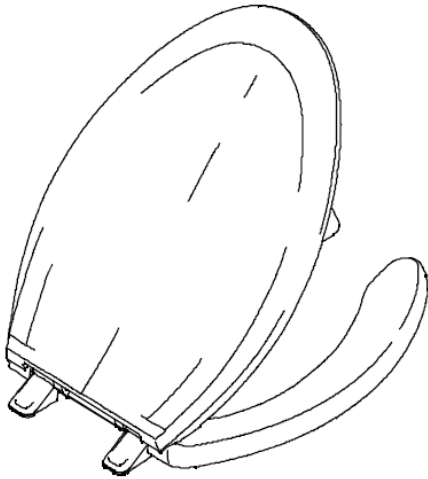
Toilet: Newly designed Pressure Lite™ toilets raise the bar for exceptional bulk flushing performance. Coordinated with a Highline® toilet tank, the durable construction of this Highline Pressure Lite toilet bowl ensures years of reliability.

SIZE: 28 1/2" L x 15 1/8"W x 17 1/8"H

VENDOR: Kohler

PLUMBING

TOILET SEAT



SPECIFICATION: Kohler K4650

MATERIAL/DESCRIPTION:

Toilet: Lustra Toilet Seat:

Solid White polypropylene plastic

SIZE: 17 3/16" L x 14 13/16" W

VENDOR: Kohler

PLUMBING

TOILET TISSUE DISPENSER



SPECIFICATION: Franchisee will order from Medline on the Developing Location Worksheet.

PLUMBING

PAPER TOWEL DISPENSER



SPECIFICATION: Franchisee will order from Medline on the Developing Location Worksheet.

PLUMBING

FAUCET



SPECIFICATION: Moen 8820

MATERIAL/DESCRIPTION:

Two handle lavatory faucet model #8820 with metal drain

SIZE: 4-5/8"H x 6-11/64"D x 12-19"W

VENDOR: Moen

PLUMBING

SINK

Soho®

Wall-Mount Bathroom Sink
K-2054



SPECIFICATION: Kohler #K2054

MATERIAL/DESCRIPTION:

Soho wall mounted or concealed carrier arm mounted commercial bathroom sink with 4" wide spread faucet

SIZE: 20" x 18"

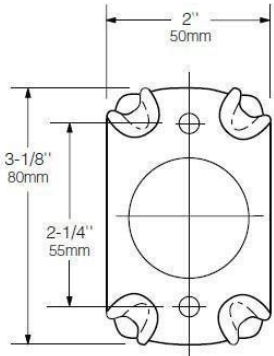
VENDOR: Kohler

PLUMBING

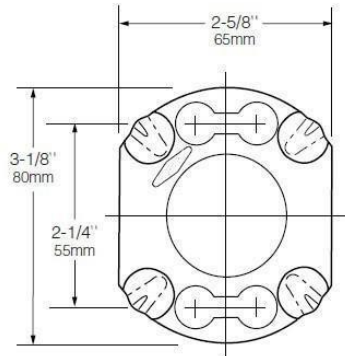
GRAB BARS



End Mounting Flange



Intermediate Flange



SPECIFICATION: Bobrick #B5806

MATERIAL/DESCRIPTION:

1 1/4" Diameter stainless steel grab bars with snap flange Stainless Steel tubing with satin finish

SIZE: See Bobrick spec

VENDOR: Bobrick

PLUMBING

SOAP DISPENSER



SPECIFICATION: Advance Tabco 7-PS-12-X 20 oz. Wall Mount Push Button Soap Dispenser

DESCRIPTION: UPC code #747545103918

SIZE: 20 OZ

VENDOR: Advance Tabco

MECHANICAL REQUIREMENTS

MECHANICAL

HVAC REQUIREMENTS

Tonnage

1 ton per 225-250 sq. ft.

Grill Types

Drop ceiling areas

3 cone industrial grade diffuser 24"x24"

Solid Gypsum areas

Typical grills painted to match ceiling color of each area-16"x16"

Honeywell HZ432 Electronic Damper Control System

Thermostats: Honeywell TH8321R1001 Touchscreen 7 day programmable thermostats

MECHANICAL

HVAC REQUIREMENTS

Zones

Every wax room MUST have its own zone and the lobby and hallway MUST have its own zone.

VAV System Control Panel MUST be located in storage.

HVAC system needs to heat and cool

8" ducts minimum

Zone dampers in wax suites with independent control is required.

Balancing damper required for hallway and backrooms

A ducted bypass damper is required to use along with the Honeywell HZ432 system to recirculate conditioned air back to the AHU.

MECHANICAL

HVAC REQUIREMENTS

Supply/Returns

Supply model: TITUS TMS

Return model: TITUS MCD

Each wax room to have supply and return 24"x 24"

Lobby is required to have 3 supply 1 return 16"x16"

Hallway is required to have at least two supply's and one return 16"x16"

CEILING DETAILS

CEILING DETAILS

REQUIREMENTS

Entry

Height: 10'-0" –required

Solid Gypsum Board –Flat Finish (NO TEXTURE)

Ceiling Paint -P-4

Hallway

Height: 10'-0" –required

Solid Gypsum Board –Flat Finish (NO TEXTURE)

Ceiling Paint -P-3

Restroom

Height: 10'-0" –required

Solid Gypsum Board –Flat Finish (NO TEXTURE)

Ceiling Paint -P-3

CEILING DETAILS

REQUIREMENTS

Wax Rooms

Height: 10'-0" –required

2x2 Acoustical drop ceiling - Standard

Ceiling Tiles – USG Olympia Micro Acoustical panels

Type- #4221/White

Storage Rooms

Height: 10'-0" –required

2x2 Acoustical drop ceiling - Standard

Ceiling Tiles – USG Olympia Micro Acoustical panels

Type- #4221/White

DOOR SCHEDULE

DOOR SCHEDULE

REQUIREMENTS

Entry

Storefront Door-Typical by LL

Hallway

½" Tempered Frameless Glass Door & Wall. Glass from floor to ceiling.

Glass Panels: Panel Seams 3/16 Gap Max-No Silicone Between Seams.

Low Profile Frame-Top & Bottom Mount ONLY

Polished Chrome Hardware Required

EWC Custom Film installed by contractor or 3M certified installer

http://solutions.3m.com/en_US/(see EWC Branding Kit)

Floor closer required

DOOR SCHEDULE

REQUIREMENTS

Restroom

Swing should be into room

Type DR-1

Color/Finish: See DR-1

Lockset: Privacy-brushed aluminum finish

Wax Room

Swing should be into room

Type DR-1

Color/Finish: See DR-1

Lockset: Privacy-brushed aluminum finish

Door placement must be against the corner of the room. Door may not be in the center of the wall.

Signage- Installed directly on the doors. Template comes from 3C

Fixtures

DOOR SCHEDULE

REQUIREMENTS

Storage Room

Option 1-

Type DR-1

Color/Finish: See DR-1

Lockset: Passage-brushed aluminum finish

Option 2- Linear Storage Closets

Type DR-2 or DR-3— 3'x8'

Min. inside dimensions- 25"

Min. lineal feet- 18'

Color/Finish: See DR-2

Lockset: Passage-brushed aluminum finish

DOOR SCHEDULE

REQUIREMENTS

HARDWARE

ALL DOORS REQUIRE COAT HOOKS ON THE BACK OF THE DOOR - 64" A.F.F:

Everbilt satin nickel end coat and hat hook. MODEL#15559 INTERNET #202045090 Store SKU#486123 Or MODEL #133077 INTERNET #202514263

Door Handles- Stanley Commercial
Wax rooms and bathrooms; QCL240
Storage room; QCL230
Office; QCL240
Finish: Satin Nickle

ALL DOORS REQUIRE FLOOR MOUNTED DOOR STOPS

DOOR SCHEDULE

TYPE DR-1



SPECIFICATION: DR-1

MATERIAL/DESCRIPTION:

Hollow Metal Door

FINISH: Hollow Metal Door with finish per finish schedule attached herein, frame painted to match, hinges to match brushed Aluminum Finish, and use standard commercial level lock hardware with brushed aluminum finish

SIZE: 3'W x 7' H

VENDOR: Local supplier

DOOR SCHEDULE

TYPE DR-2



SPECIFICATION: DR-2

MATERIAL/DESCRIPTION:

Maple door painted to match wall color
¼ textured glass panel insert (Decoglass – rain) secured firmly to frame with 1”
quarter round wood trim stained to match door panel. Provide chrome finish dummy
Handles

FINISH: Maple door painted

SIZE: 7’ 11-1/2” (H) x 2’ 11-1/2 (W)

VENDOR: Local supplier

DOOR SCHEDULE

TYPE DR-3



SPECIFICATION: DR-2

MATERIAL/DESCRIPTION:

Flush mounted, Hollow
Metal, 8' double door

FINISH: Hollow metal

SIZE: 8' (H) x 3'(W)

VENDOR: Local supplier

FLOORING

FLOORING

REQUIREMENTS

Lobby

FT-1 installed at a 45 degree angle

Custom Entry Rug- FT-3

Wall base- B1

Grout- GR-1

Hallway

FT-2 installed in a running bond pattern

Wall base- B2

Grout- GR-2

Wax Rooms

FT-1 – installed at a 45 degree angle

Custom Entry Rug- FT-3

Wall base- B1

Grout- GR-1

FLOORING

REQUIREMENTS

Restroom

FT-1 installed 45

Grout – GR-1

Wainscot to 4' from flooring – typical:

Tile: WT-1 installed in Brick Pattern

Wall Tile Trim Cap: WT-2

Grout GR-1

Storage Room

Option 1: FT-1 – installed at a 45 degree angle

Base- B-1

Grout- GR-1

Option 2: FT-2 continued from hallway

Base-B-2

*Grout must be sealed throughout

*Exit door must be painted to match hallway walls

FLOORING

TYPE FT-1



LOCATION: Lobby/Wax
Rooms/Baseboard/Restroom

SPECIFICATION: Porcelain Tile

MATERIAL/DESCRIPTION: Collection:
Travertino

Model: NTRAVBEIGE1818

SIZE: 18"x 18"

VENDOR: MS International

Grout: GR-1

FLOORING

TYPE FT-2



LOCATION: Hallway

SPECIFICATION: Porcelain Tile

MATERIAL/DESCRIPTION: Odyssey gray
00500

SIZE: 6" x 24"

VENDOR: Shaw Contract Group

904-553-5160

jason.dowling@shawinc.com

Grout: GR-2



FLOORING

TYPE B-1



LOCATION: Lobby/Wax
Rooms/Baseboard/Restroom

SPECIFICATION: Porcelain Tile

MATERIAL/DESCRIPTION: Collection:
Travertino

Model: NTRAVBEIGE1818

SIZE: 18"x 18" cut to 3" x 18"

VENDOR: MS International

Grout: GR-1

FLOORING

TYPE B-2



LOCATION: Hallway

SPECIFICATION: Porcelain Tile

MATERIAL/DESCRIPTION: Odyssey gray
00500

SIZE: 6" x 24" cut to 3" x 24"

VENDOR: Shaw Contract Group
904-553-5160

jason.dowling@shawinc.com



FLOORING

TYPE WT-1



LOCATION: Restroom

SPECIFICATION: Porcelain Tile

MATERIAL/DESCRIPTION: Collection:
Travertino

Model: NTRAVBEIGE1818

SIZE: 12"x12"

VENDOR: MS International

Grout: GR-1

FLOORING

TYPE WT-2



LOCATION: Restroom

SPECIFICATION: Porcelain Tile

MATERIAL/DESCRIPTION: Collection:
Travertino

Model: NTRAVBEIGE1818

SIZE: cut to 3" x 18"

VENDOR: MS International

Grout: GR-1

FLOORING

GR-1 / GR-2



Polyblend

GR-1: #122 Linen



GR-2: Chateau Gray 183

FLOORING

TYPE CP-1



LOCATION: Call center carpet

SPECIFICATION: Shaw Carpet #J0056 Color: 56500 Tribune

MATERIAL/DESCRIPTION: Collection-Queen

SIZE: 12' width

VENDOR: Shaw Carpet

FLOORING

TYPE CP-BASE



LOCATION: Call center base

SPECIFICATION: Roppe 4" x 120' dark gray vinyl cove

MATERIAL/DESCRIPTION: Home depot
#HC40LA5P150

Store sku #650756

SIZE: 4' width x 120'

VENDOR: Home Depot

FLOORING

ENTRY MAT



LOCATION: Entry Mat Option 1
(Northern Climates)

SPECIFICATION: American Floor
Mats 7/16" Recessed Grille Mats

COLOR: Charcoal

SIZE: Single Doors: 3' x 4'

Double Doors: 7'W width of doors x
4' height (walking direction)

VENDOR: American Floor Mats

CONTACT: Dan Tor; 800.762.9010

Email: dan@americanfloormats.com

FLOORING

ENTRY MAT



LOCATION: Entry Mat Option 2
(Southern Climates)

SPECIFICATION: American Floor
Mats 7/16" Recessed Grille Mats

COLOR: Dark Grey

SIZE: Single Doors: 3' x 4'

Double Doors: 4' x 7'

VENDOR: American Floor Mats

CONTACT: Dan Tor; 800.762.9010

Email: dan@americanfloormats.com

WALL FINISHES & PAINT SCHEDULE

WALL FINISHES

SPECIFICATIONS

Lobby

Finish: Flat gypsum

Color: See finish schedule

Restroom

Finish: Flat gypsum

Color: See finish schedule

Brick staggered pattern Wainscot to 4' from flooring – typical

Type: WT-1

Wall Tile Cap Trim

Wax Room

Finish: Flat gypsum

Color: See finish schedule

WALL FINISHES

SPECIFICATIONS

Storage

Finish: Flat gypsum

Color: See finish schedule

Glass Wall

EWC requires a glass wall dividing entry from hallway

1/2" frameless glass door & wall

Glass wall needs to stretch the entire width and height that was created

Glass panels 3/16 gap max (No silicone between seams)

Low profile frame – Top and bottom mount only

Hardware: CRL Polished Chrome 8" BM Series Tubular Back-to-Back Pull Handle

Floor closer required

Custom film installed by contractor (Comes in 3C Fixtures package)

WALL FINISHES

TYPE P-1



LOCATION: Lobby walls/Wax room walls
/Restroom walls

SPECIFICATION: SW 7558 Medici Ivory

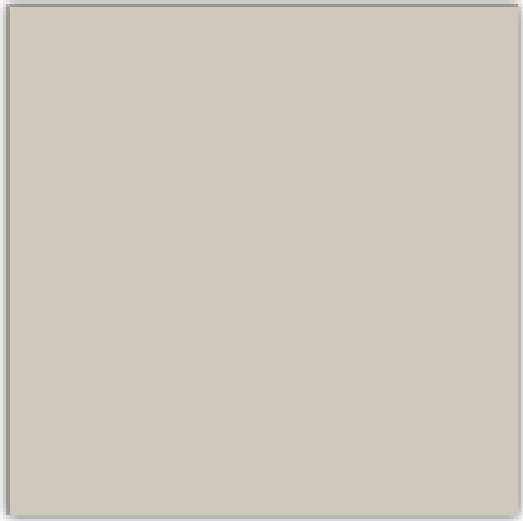
FINISH: Eggshell

MATERIAL/DESCRIPTION: Interior/Exterior
paint

VENDOR: Sherwin Williams

WALL FINISHES

TYPE P-2



LOCATION: Hallway/Linear Storage Doors

SPECIFICATION: SW 6078 Realistic Beige

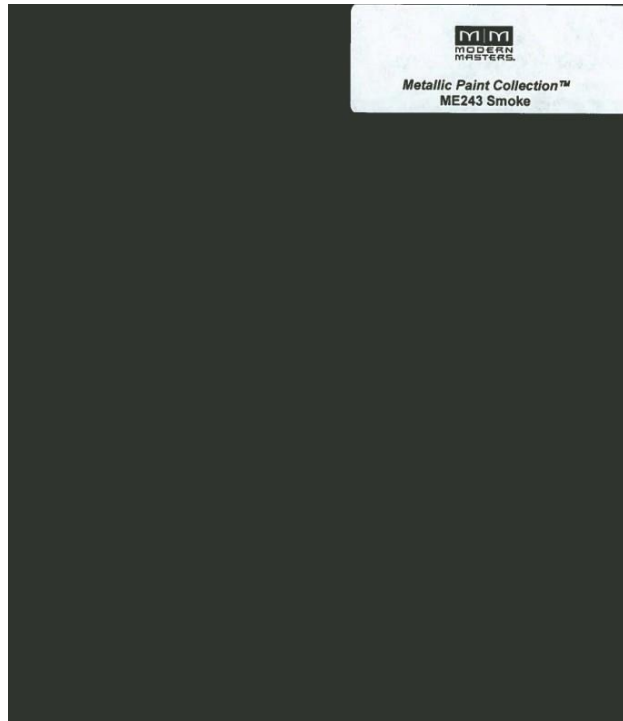
FINISH: Eggshell

MATERIAL/DESCRIPTION: Interior/Exterior paint

VENDOR: Sherwin Williams

WALL FINISHES

TYPE P-3



LOCATION: Lobby storefront /Hallway
Ceiling/Restroom ceiling

SPECIFICATION: Modern Masters ME243
Smoke

MATERIAL/DESCRIPTION: Interior paint

VENDOR: Sherwin Williams

WALL FINISHES

TYPE P-4



LOCATION: Lobby ceiling

SPECIFICATION: #SW7006 Extra White

FINISH: Eggshell

VENDOR: Sherwin Williams

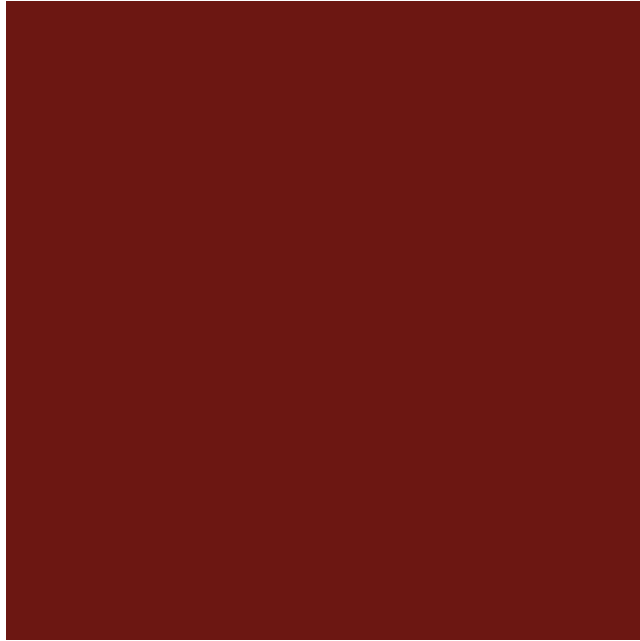
SW 7006

Extra White

Interior / Exterior

WALL FINISHES

TYPE P-5



LOCATION: Doors

SPECIFICATION: Sashay Red ME513

FINISH: Sprayed only

VENDOR: Modern Masters

WALL FINISHES

TYPE WC-1



LOCATION: Lobby Wallcovering

SPECIFICATION: Casbah- Worldly Grey
#2VCS-06

SIZE: 54" Wide

VENDOR: Trikes; Kristi Sikes 800.200.8120
Ext. #2157

Email: K.Sikes@tri-kes.com

WALL FINISHES

EWG PAINT SCHEDULE

Lobby

Ceiling: P4

Entry wall around store front: P3

The whole wall opposite retail shelves with picture displays: WC1

The walls within the brick archways: P3

All other walls in entry: P1

Walls surrounding brick archways: P1

Optional Window Film; International Solar

Control INC; Color: 50 Nicrome

Contact: lewis@solarcontrol.com; 305-827-8468

WALL FINISHES

EW C PAINT SCHEDULE

Wax Rooms

All walls: P1

Hallway

Ceiling : P3

Walls: P2

Restroom

Ceiling: P3

Walls: P1

WALL FINISHES

EWC PAINT SCHEDULE

Storage/Storage closets

Option 1: Storage walk in room, doors should match wax room doors P5

Option 2: Lineal closet space for storage, doors, and frames should match hallway walls P2

Special Notes: PER EWC SPECS, P5 REQUIRES SPRAY APPLICATION:
NO BRUSH OR ROLL APPLICATION IS PERMITTED.

WALL FINISHES

PAPER TOWEL HOLDER

Wax room paper towel holder:

1 per wax room

Installed to the 4-5" to the right of the cabinet in each wax room. It is recommended to install a plywood backer behind the wall. Purchased through 3C Fixtures.

FURNITURE

FURNITURE

LOBBY

Lobby Lounge Chair:

Black lounge chair from My Chair Obsessions (1 chair per wax room.) If using a bench this accounts for two chairs.

Lobby Reception Chair:

One stool per workstation.

FURNITURE

PICTURES



FURNITURE

WAX ROOM

Wax room:

1 wax bed per wax suite.

Wax room stool:

1 per wax room

Installed corner in each wax room. Stool is installed from center 12" from left wall and 12" from right wall.

Wax room paper towel holder:

1 per wax room

Installed to the 4-5" to the right of the cabinet in each wax room. It is recommended to install a plywood backer behind the wall.

FURNITURE

PICTURES



MILLWORK

MILLWORK

LOBBY SPECIFICATIONS

Reception Desk

Reception Desk – 1 per location

Dimensions: 8'0 wide x 2'6" deep – 5-6 wax rooms.

Reception Desk – 1 per location

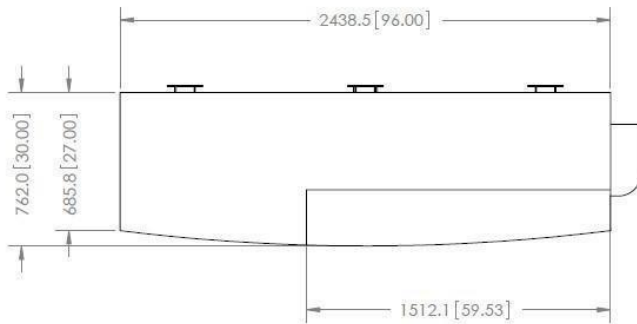
Dimensions: 9'-5" wide x 2'6" deep – 7 wax rooms.

Reception Retail Cabinet

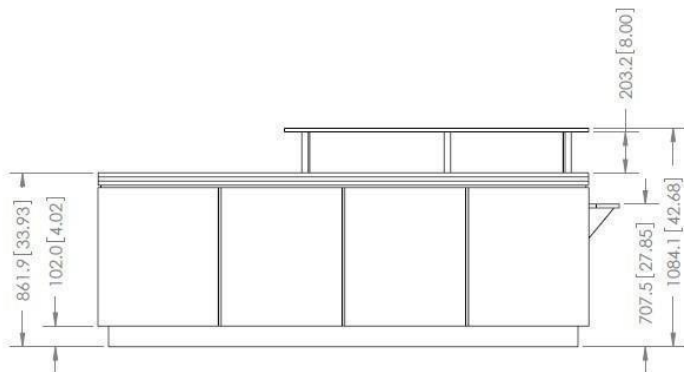
Display Cabinets – 3 per location . OPTION 1 or Option 2

MILLWORK

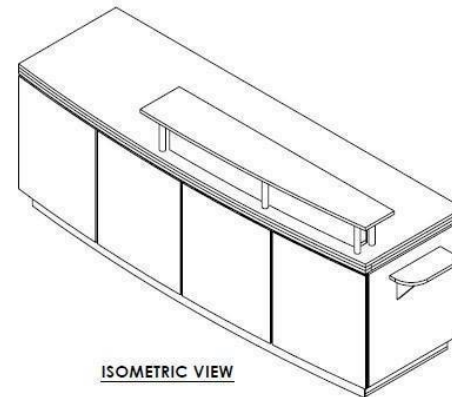
LOBBY SPECIFICATIONS



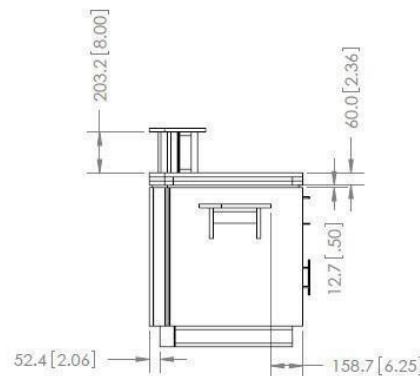
PLAN VIEW



ELEVATION VIEW



ISOMETRIC VIEW



SIDE VIEW

EU041A		CASHWRAP W/SMALL PENCIL DRAWERS	
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)
1	EW033A	WALL ASSEMBLY	33.93" X 96.00" X 30.00"
1	EW034A	RADIUS LEDGER WALL	8.00" X 49.51" X 5.94"
1	EW002C	LARGE CENTER CABINET	31.07" X 21.52" X 22.95"
2	EW038A	LARGE PENCIL DRAWERS	3.82" X 15.14" X 20.75"
1	EW037A-L	RECEIPT SHELF	8.75" X 14.00" X 6.00"

CAROLINA CABINET

COMPANY
Store Fixtures & Displays
3383 HWY US-301 NORTH
WILSON, NC 27783
TELEPHONE (252) 291-5181 FAX (252) 291-8039



THIS DESIGN IS THE PROPERTY OF CAROLINA CABINET CO. INC. AND CANNOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

DECIMAL CONVERSIONS

.06 = 1/16"	.56 = 9/16"
.13 = 1/8"	.63 = 5/8"
.19 = 3/16"	.69 = 11/16"
.25 = 1/4"	.75 = 3/4"
.31 = 5/16"	.81 = 13/16"
.39 = 3/8"	.88 = 7/8"
.44 = 7/16"	.94 = 15/16"
.50 = 1/2"	1.00 = 1"

TOLERANCES

METRIC	± 5MM
FRACTION	± 1/32
ANGULAR	± 5°

REVISIONS

DATE	NAME	REVISION
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EUROPEAN WAX CO.

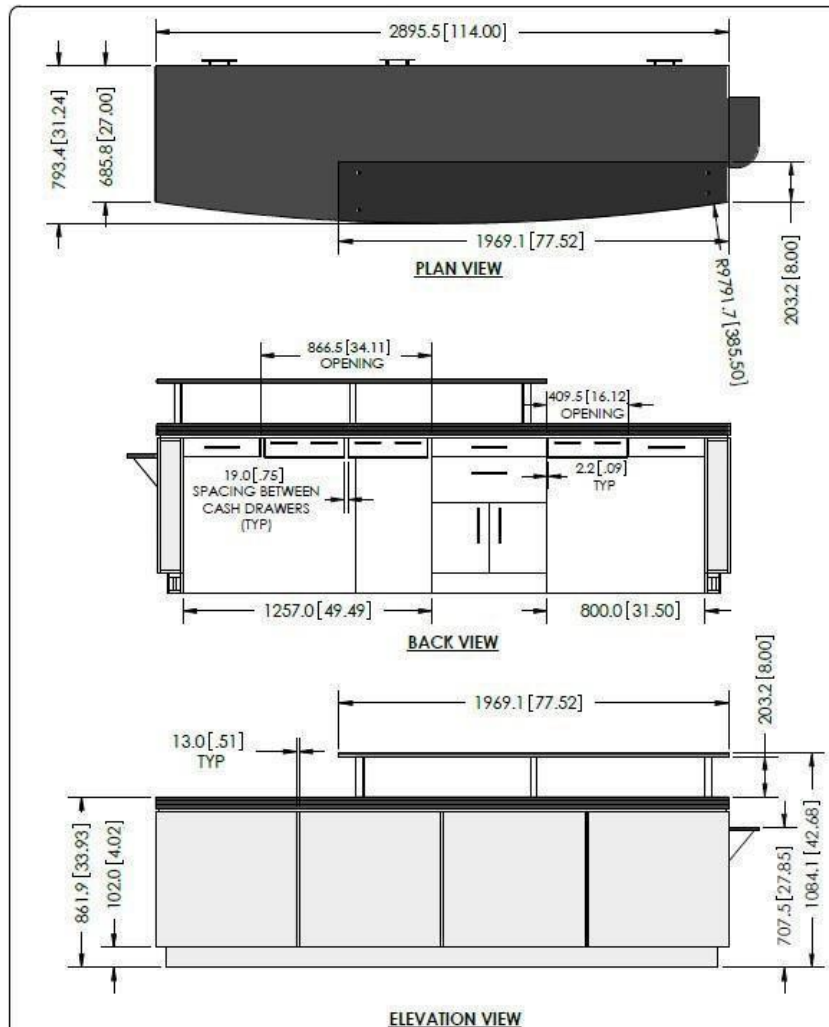
CASHWRAP W/SMALL PENCIL DRAWERS EU041A

DRAWN BY: J.SKINNER	DATE: 02/15/12
CHECKED BY:	

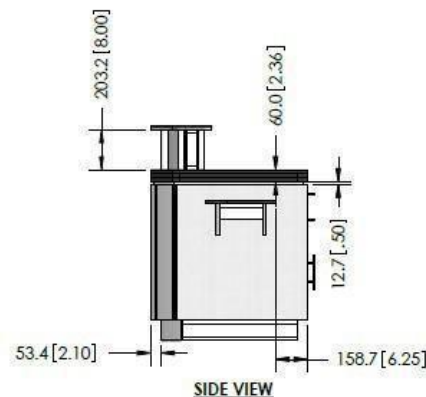
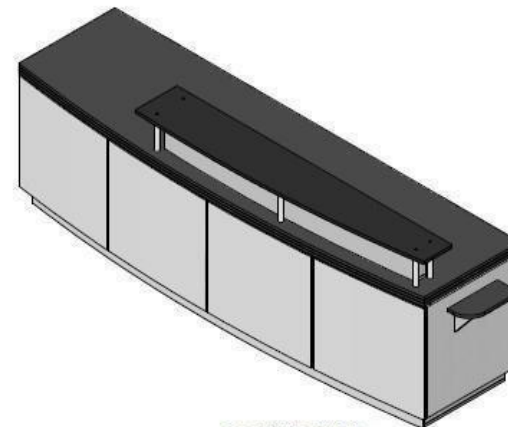
CC PROJ MGR: ROBBIE BEAMON	
SCALE: 1:20	SHEET: 1 OF 5

MILLWORK

LOBBY SPECIFICATIONS



EU103A		CASHWRAP W/SMALL PENCIL DRAWERS	
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)
1	EW055A	WALL ASSEMBLY	33.93" X 114.00" X 31.24"
1	EW056A	RADIUS LEDGER WALL	8.00" X 67.50" X 8.74"
1	EW002D	LARGE CENTER CABINET	31.07" X 21.52" X 22.95"
2	EW038A	SMALL PENCIL DRAWERS	3.82" X 15.14" X 20.75"
1	EW037A-L	RECEIPT SHELF	6.75" X 14.00" X 6.00"



CAROLINA CABINET
C O M P A N Y
Store Fixtures & Displays
3363 HWY US-301 NORTH
WILSON, NC 27803
TELEPHONE (252) 291-6181 FAX (252) 291-6039



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TOLERANCES

METRIC	±.5MM
FRACTION	±1/32
ANGULAR	±.5°

REVISIONS

DATE	NAME	REVISION
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EUROPEAN WAX CO.

114" CASHWRAP W/ SMALL PENCIL DRAWERS

EU103A

DRAWN BY J.L.SKINNER	DATE 11/13/13
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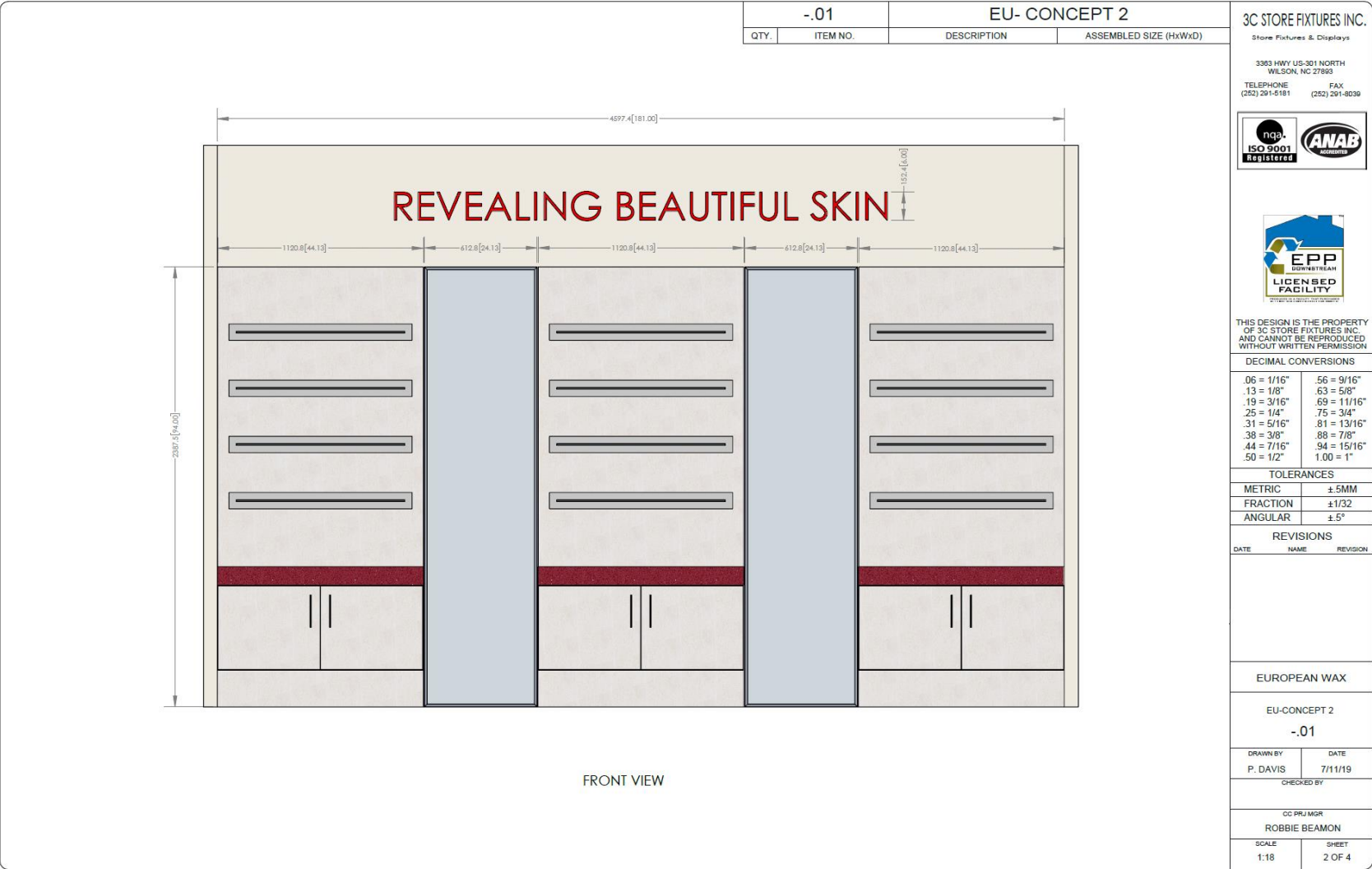
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CC PROJ MGR
ROBBIE BEAMON

SCALE 1:20	SHEET 1 OF 5
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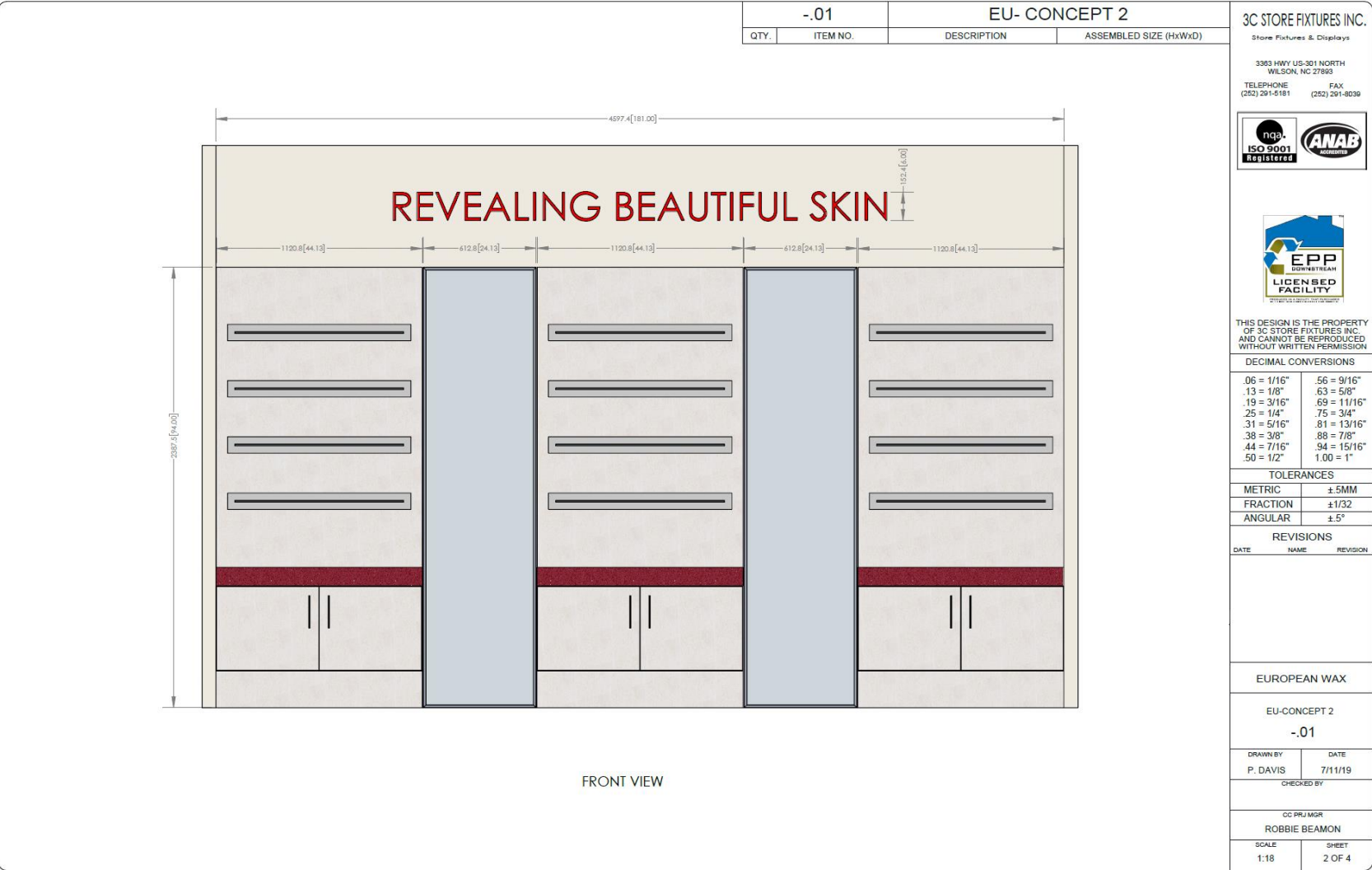
MILLWORK

LOBBY SPECIFICATIONS



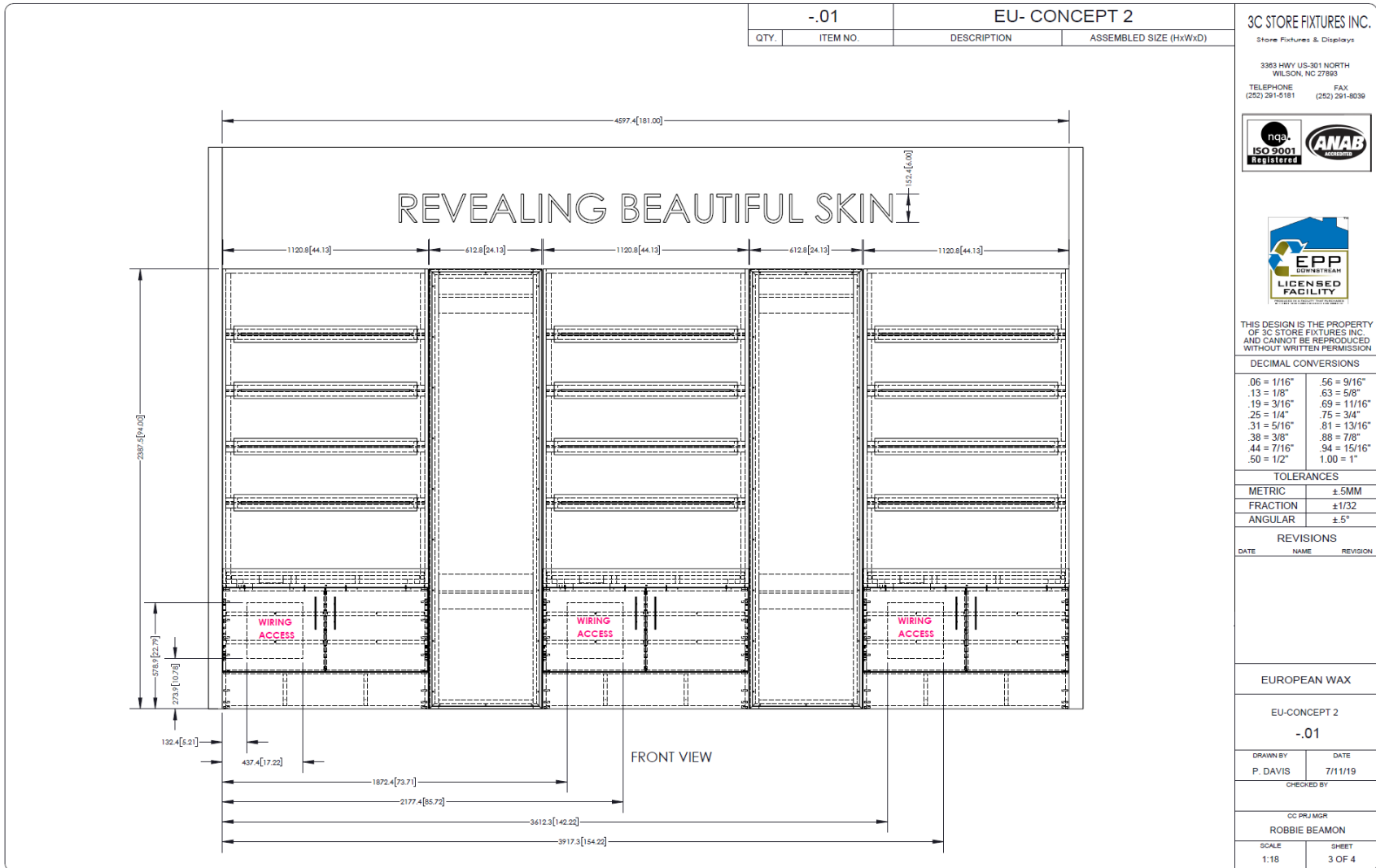
MILLWORK

LOBBY SPECIFICATIONS



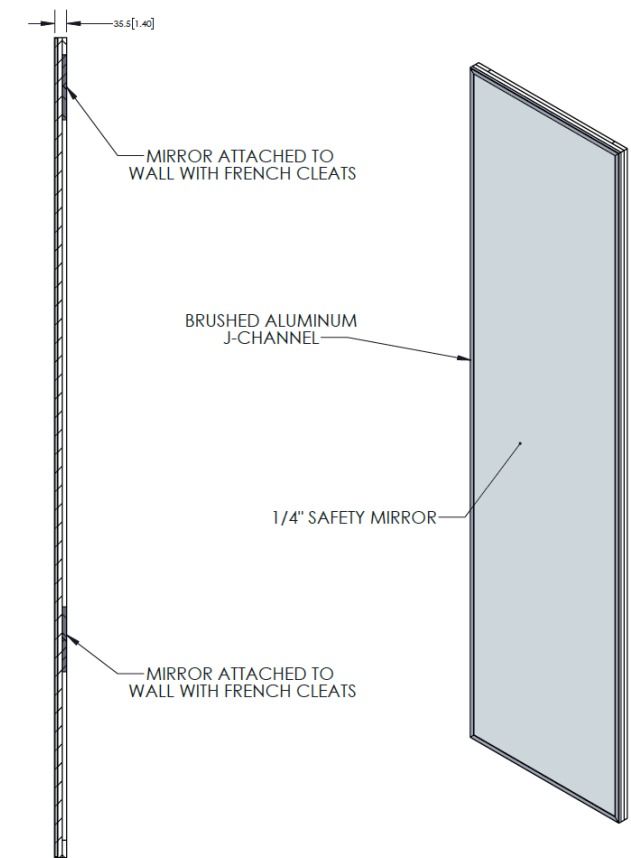
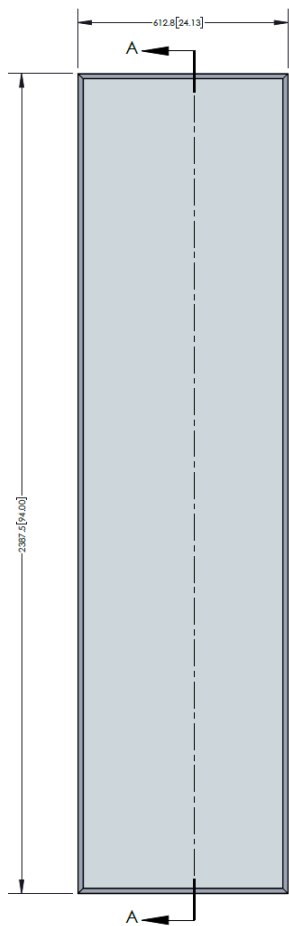
MILLWORK

LOBBY SPECIFICATIONS



MILLWORK

LOBBY SPECIFICATIONS



SECTION A-A

EU134A		RETAIL MIRROR	
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)

3C STORE FIXTURES INC.

Store Fixtures & Displays

3363 HWY US-301 NORTH
WILSON, NC 27789
TELEPHONE (252) 291-5181 FAX (252) 291-8038



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OF 3C STORE FIXTURES INC.
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.50 = 1/2"	1.00 = 1"

TOLERANCES

METRIC	± .5MM
FRACTION	± 1/32
ANGULAR	± 5°

REVISIONS

DATE	NAME	REVISION
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EUROPEAN WAX

RETAIL MIRROR

EU134A

DRAWN BY P. DAVIS	DATE 7/11/19
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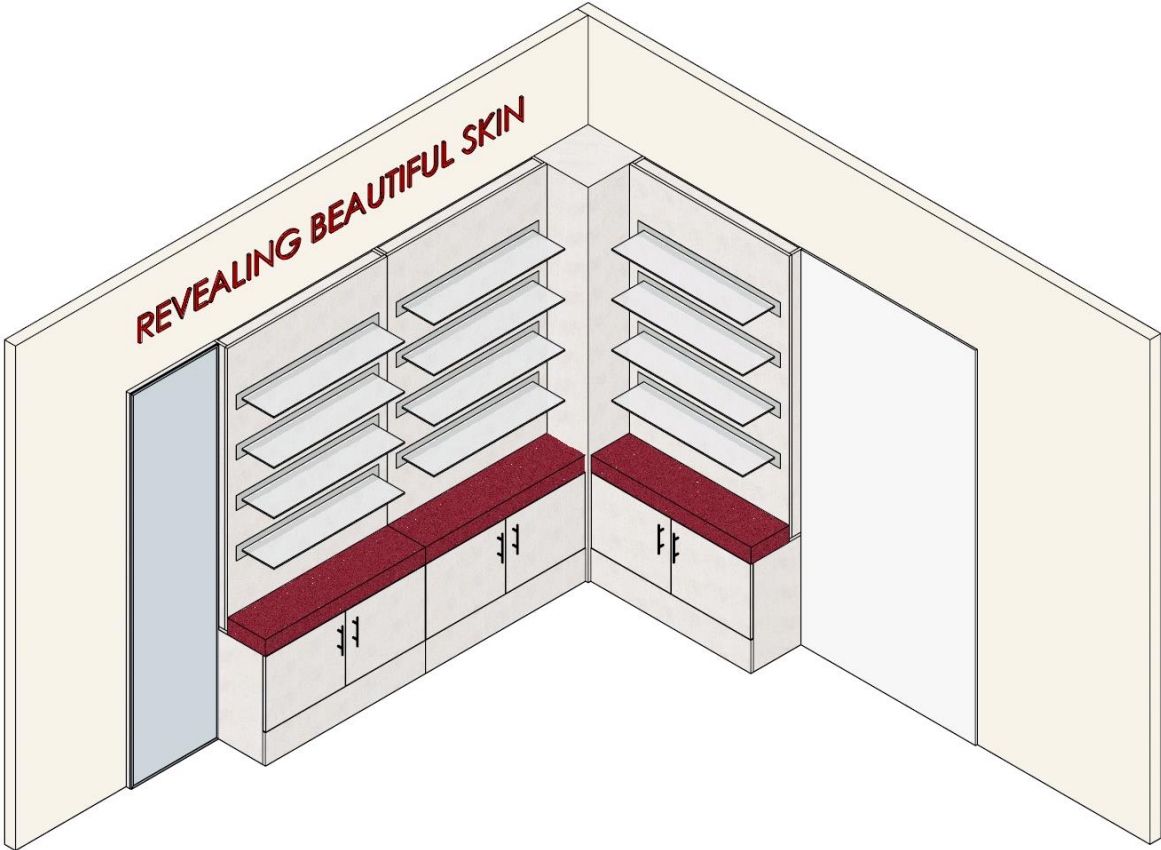
CHECKED BY

CC PROJ MGR
ROBBIE BEAMON

SCALE 1:12	SHEET 4 OF 4
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MILLWORK

LOBBY SPECIFICATIONS



ISOMETRIC VIEW

EU-CONCEPT 3			
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)
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MILLWORK

LOBBY SPECIFICATIONS

QTY.

ITEM NO.

DESCRIPTION

ASSEMBLED SIZE (HxWxD)

EU-CONCEPT 3

3C STORE FIXTURES INC.

Store Fixtures & Displays

3393 HWY US-301 NORTH
WILSON, NC 27893

TELEPHONE (252) 291-5181

FAX (252) 291-8039

THIS DESIGN IS THE PROPERTY OF 3C STORE FIXTURES INC. AND CANNOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

DECIMAL CONVERSIONS		
.06 = 1/16"	.56 = 9/16"	
.13 = 1/8"	.63 = 5/8"	
.19 = 3/16"	.69 = 11/16"	
.25 = 1/4"	.75 = 3/4"	
.31 = 5/16"	.81 = 13/16"	
.38 = 3/8"	.88 = 7/8"	
.44 = 7/16"	.94 = 15/16"	
.50 = 1/2"	1.00 = 1"	

TOLERANCES	
METRIC	± 5MM
FRACTION	± 1/32
ANGULAR	± 5°

REVISIONS		
DATE	NAME	REVISION

EUROPEAN WAX

EU-CONCEPT 3

DRAWN BY
P. DAVIS

DATE
7/11/19

CHECKED BY

CC PROJ MGR
ROBBIE BEAMON

SCALE
1:18

SHEET
2 OF 6

192.4[6.00]

REVEALING BEAUTIFUL SKIN

612.8[24.13]

1120.8[44.13]

1120.8[44.13]

381.0[15.00]

2307.2[64.00]

FRONT VIEW

©2017 EWC

EUROPEAN
WAX
CENTER®

LOBBY SPECIFICATIONS

QTY.		ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)
EU-CONCEPT 3 Store Fixtures & Displays 3363 HWY US-301 NORTH WILSON, NC 27893 TELEPHONE (252) 291-5181 FAX (252) 291-8039				

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TOLERANCES	
METRIC	± 5MM
FRACTION	± 1/32
ANGULAR	± 5°

REVISIONS		
DATE	NAME	REVISION

EUROPEAN WAX

EU-CONCEPT 3

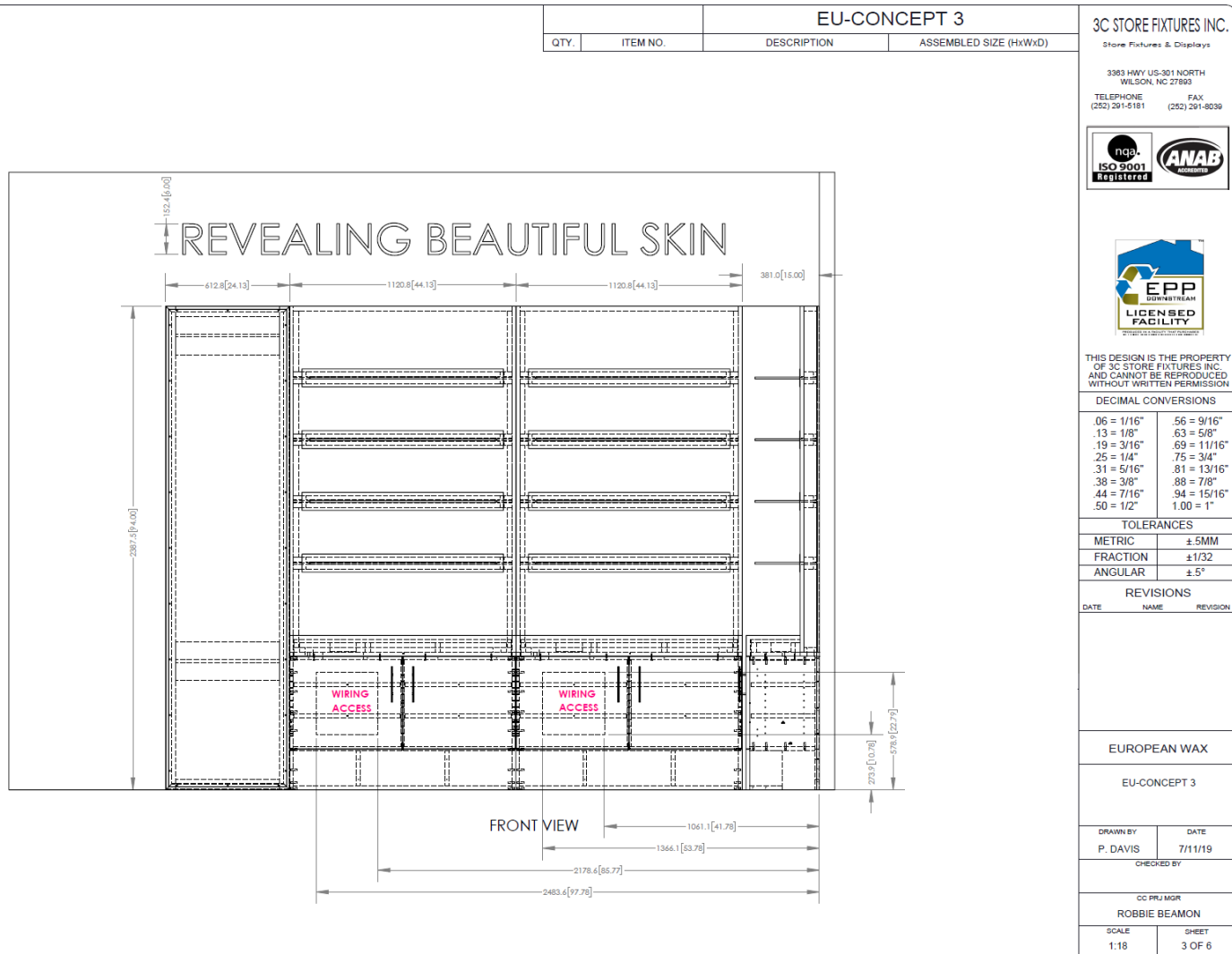
DRAWN BY P. DAVIS	DATE 7/11/19
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CHECKED BY
 CC PRJ MGR
 ROBBIE BEAMON

SCALE 1:18	SHEET 2 OF 6
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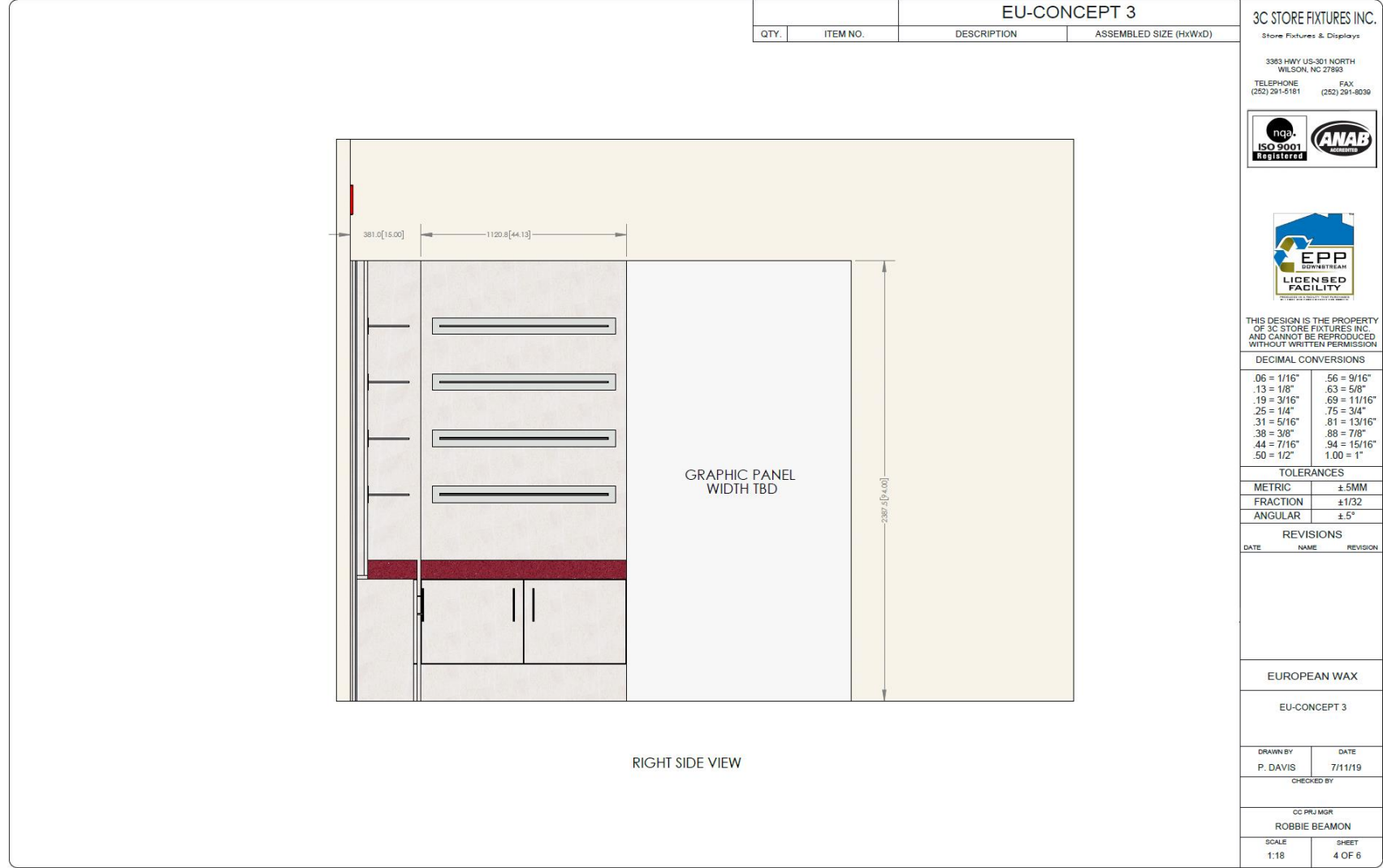
MILLWORK

LOBBY SPECIFICATIONS



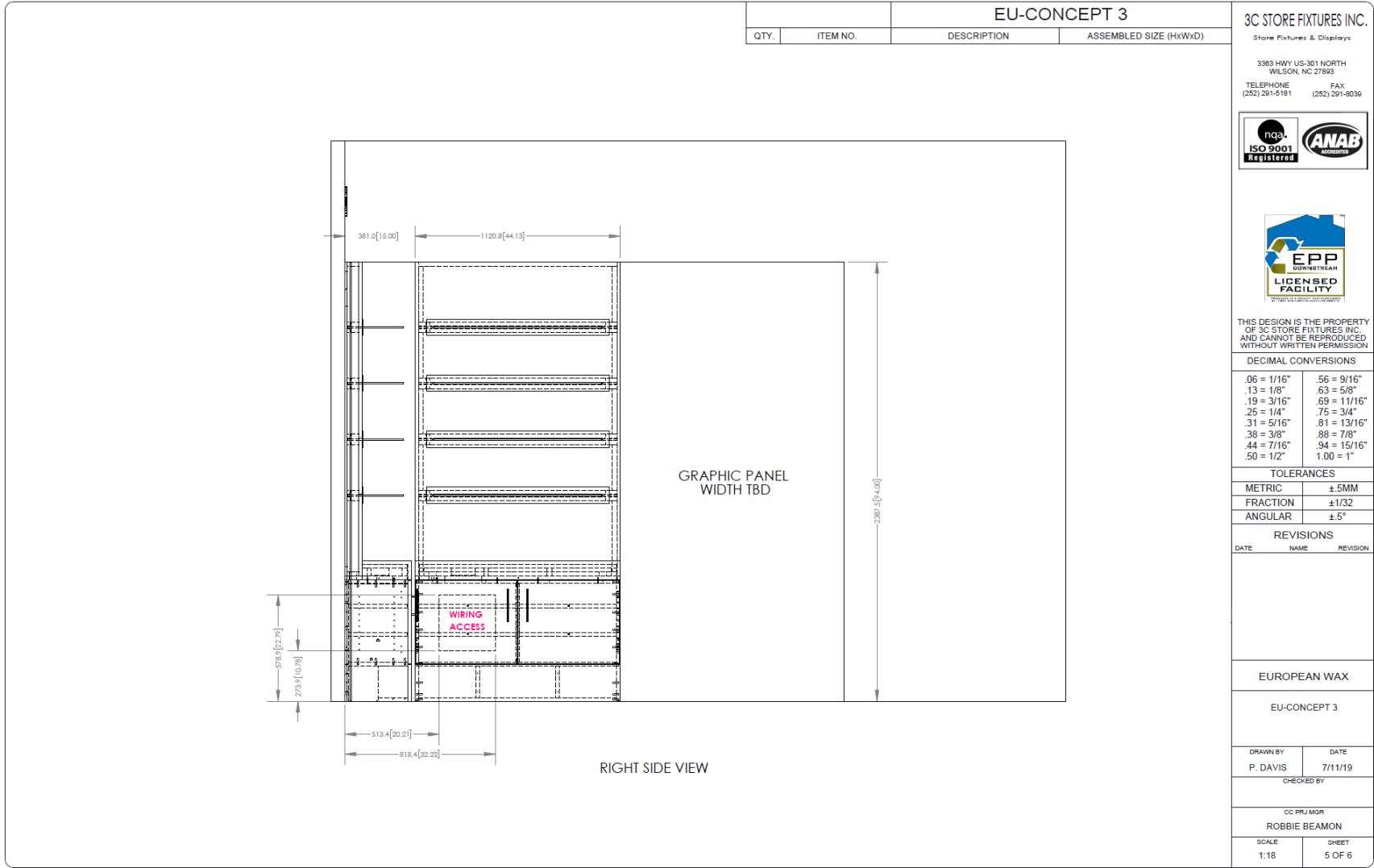
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LOBBY SPECIFICATIONS

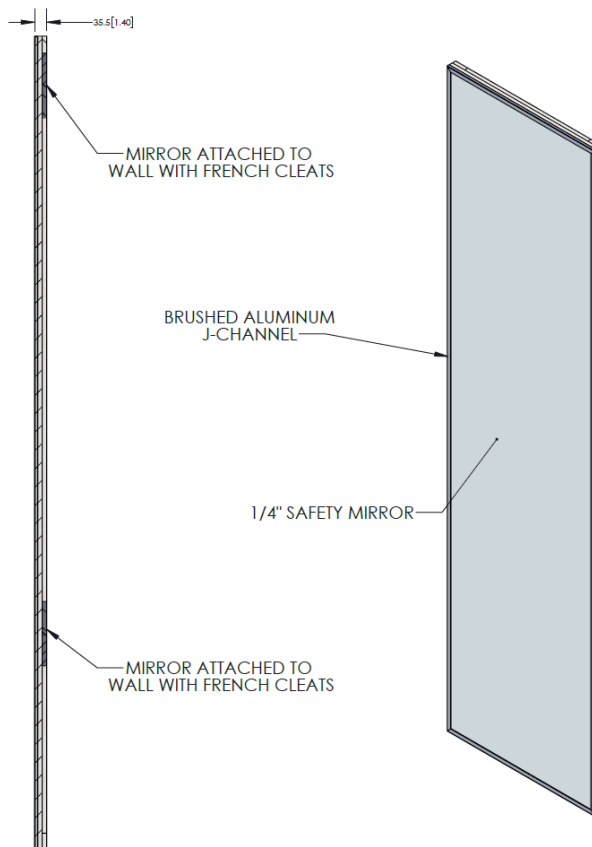


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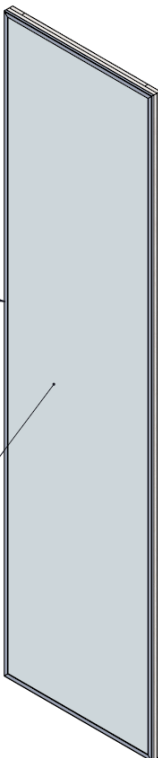
LOBBY SPECIFICATIONS



LOBBY SPECIFICATIONS



SECTION A-A

EU134A		RETAIL MIRROR																																												
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)																																											
<div> <div> <p>3C STORE FIXTURES INC.</p> <p>Store Fixtures & Displays</p> <p>3383 HWY US-301 NORTH WILSON, NC 27693</p> <p>TELEPHONE (252) 291-5181 FAX (252) 291-8039</p> <div> <div>    </div> <p>THIS DESIGN IS THE PROPERTY OF 3C STORE FIXTURES INC. AND CANNOT BE REPRODUCED WITHOUT WRITTEN PERMISSION</p> <table> <tr> <th colspan="2">DECIMAL CONVERSIONS</th></tr> <tr> <td>.06 = 1/16"</td><td>.56 = 9/16"</td></tr> <tr> <td>.13 = 1/8"</td><td>.63 = 5/8"</td></tr> <tr> <td>.19 = 3/16"</td><td>.69 = 1 1/16"</td></tr> <tr> <td>.25 = 1/4"</td><td>.75 = 3/4"</td></tr> <tr> <td>.31 = 5/16"</td><td>.81 = 13/16"</td></tr> <tr> <td>.38 = 3/8"</td><td>.88 = 7/8"</td></tr> <tr> <td>.44 = 7/16"</td><td>.94 = 15/16"</td></tr> <tr> <td>.50 = 1/2"</td><td>1.00 = 1"</td></tr> </table> <table> <tr> <th colspan="2">TOLERANCES</th></tr> <tr> <td>METRIC</td><td>± .5MM</td></tr> <tr> <td>FRACTION</td><td>± 1/32</td></tr> <tr> <td>ANGULAR</td><td>± 5°</td></tr> </table> <table> <tr> <th colspan="3">REVISIONS</th></tr> <tr> <th>DATE</th><th>NAME</th><th>REVISION</th></tr> <tr> <td> </td><td> </td><td> </td></tr> </table> <p>EUROPEAN WAX</p> <p>RETAIL MIRROR</p> <p>EU134A</p> <table> <tr> <td>DRAWN BY P. DAVIS</td><td>DATE 7/11/19</td></tr> </table> <p>CHECKED BY ROBBIE BEAMON</p> <table> <tr> <td colspan="2">CC PRJ MGR</td></tr> <tr> <td colspan="2">ROBBIE BEAMON</td></tr> </table> <table> <tr> <td>SCALE 1:12</td><td>SHEET 6 OF 6</td></tr> </table> </div> </div></div>				DECIMAL CONVERSIONS		.06 = 1/16"	.56 = 9/16"	.13 = 1/8"	.63 = 5/8"	.19 = 3/16"	.69 = 1 1/16"	.25 = 1/4"	.75 = 3/4"	.31 = 5/16"	.81 = 13/16"	.38 = 3/8"	.88 = 7/8"	.44 = 7/16"	.94 = 15/16"	.50 = 1/2"	1.00 = 1"	TOLERANCES		METRIC	± .5MM	FRACTION	± 1/32	ANGULAR	± 5°	REVISIONS			DATE	NAME	REVISION				DRAWN BY P. DAVIS	DATE 7/11/19	CC PRJ MGR		ROBBIE BEAMON		SCALE 1:12	SHEET 6 OF 6
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MILLWORK

HALLWAY/RESTROOM SPECIFICATIONS

Hallway

Back computer niche provided by Carolina Cabinets.

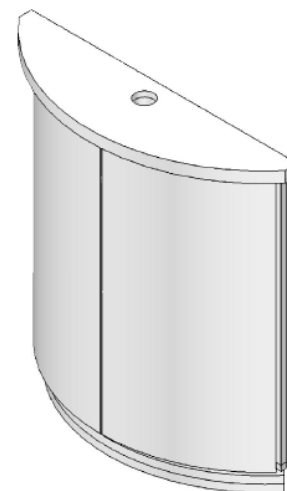
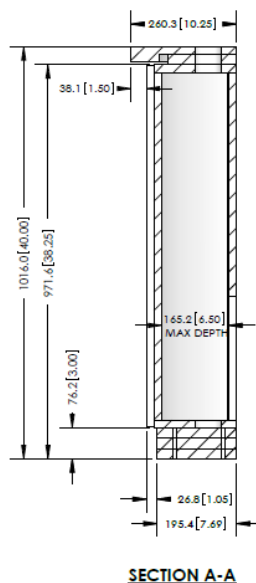
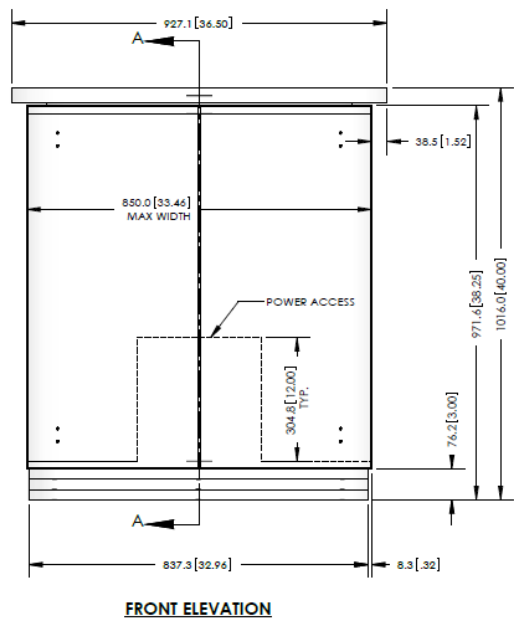
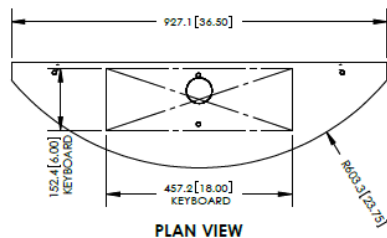
Restroom

Marketing corner shelf – Install directly above the wall tile.

NOTE: ALL Millwork besides the storage room shelving MUST be purchased through our designated Millwork Company noted on MW of this specification booklet

MILLWORK

WAX ROOM SPECIFICATIONS



EU030D		COMPUTER NICHE	
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)
1	EU030D	COMPUTER NICHE	34.00" x 40.00" x 9.50"

- NOTE:
1. FIXTURE IS ASSEMBLED USING SCREWS AND GLUE AND IS TO BE POST LAMINATED.
 2. THE EDGE BAND ON THE FIXTURE IS DUNEWOOD HPL.
 3. THE FIXTURE WILL HAVE 2 RADIUS DOORS EDGE Banded AND LAMINATED WITH DUNEWOOD HPL.

CAROLINA CABINET COMPANY
Stone Pictures & Displays
3363 HWY 100-301 NORTH
WILSON, NC 27893
TELEPHONE (252) 291-5181 FAX (252) 291-8039



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DECIMAL CONVERSIONS

.06 = 1/16"	.56 = 9/16"
.13 = 1/8"	.63 = 5/8"
.19 = 3/16"	.69 = 11/16"
.25 = 1/4"	.75 = 3/4"
.31 = 5/16"	.81 = 13/16"
.38 = 3/8"	.88 = 7/8"
.44 = 7/16"	.94 = 15/16"
.50 = 1/2"	1.00 = 1"

TOLERANCES

METRIC	± 5MM
FRACTION	± 1/32
ANGULAR	± 5°

REVISIONS

DATE	NAME	REVISION
12/20/12	CDA	A

EUROPEAN WAX CO.

COMPUTER NICHE
EU030D

DRAWN BY	DATE
R. MOOTRY	08/02/10
CHECKED BY	

CC PROJ MGR
R. BEAMON

SCALE	SHEET
1:10	1 OF 7

MILLWORK

WAX ROOMS SPECIFICATIONS

Wax Rooms

Wax Cabinets – 1 per wax room

These are standard items required to be purchased through our millwork company.

Dimensions: 16” Deep x 75” Wide x 52” High

Wax stool – 1 per wax room

Installed corner in each wax room. Stool is installed from center 12” from left wall and 12” from right wall.

Purse and Key Shelve – 1 per wax room; Install bottom of cleat at 50” AFF nearest corner stool

MILLWORK

WAX ROOM SPECIFICATIONS

EU004F		WAX ROOM COUNTER	
QTY.	ITEM NO.	DESCRIPTION	ASSEMBLED SIZE (HxWxD)
1	EU004F	WAX ROOM COUNTER	56.00" X 72.00" X 16.00"
1	EU012B	CORNER SHELF	2.79" X 9.00" X 9.00"
1	EU020A	LOCKING COMPARTMENT	23.92" X 5.93" X 12.76"

CAROLINA CABINET COMPANY
 Stone Fixtures & Displays
 3363 HWY US-201 NORTH
 WILSON, NC 27789
 TELEPHONE: (252) 291-5181 FAX: (252) 291-8028



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.50 = 1/2"	1.00 = 1"

TOLERANCES

METRIC	±.5MM
FRACTION	±1/32
ANGULAR	±.5°

REVISIONS

DATE	NAME	REVISION
09/16/12	CDA	A

EUROPEAN WAX CO.

WAX ROOM COUNTER

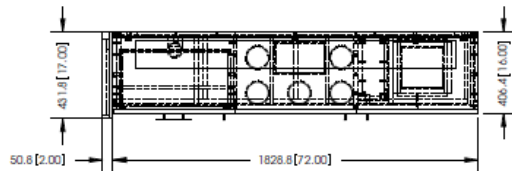
EU004F

DRAWN BY J. SKINNER	DATE 09/21/09
CHECKED BY	

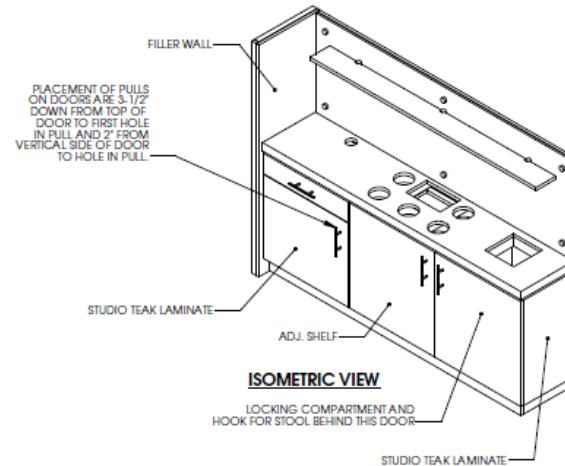
CC FILE MGR

R. BEAMON

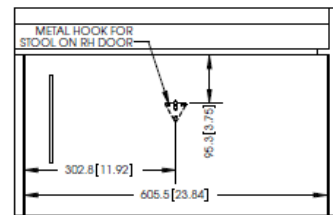
SCALE 1:20	SHEET 1 OF 10
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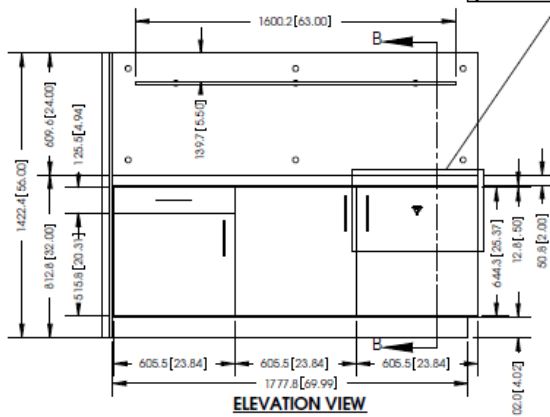
PLAN VIEW



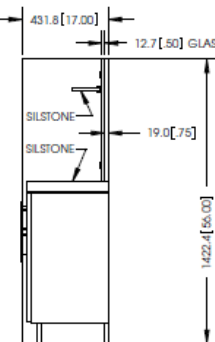
ISOMETRIC VIEW



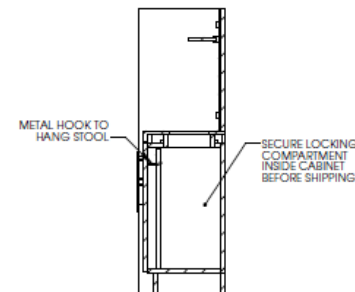
DETAIL A
SCALE 1:8



ELEVATION VIEW



RIGHT SIDE VIEW



SECTION B-B

MILLWORK

WAX ROOM SPECIFICATIONS

Wax Rooms cont.

Door stops are installed 6" from wall.

Mirror on wall behind door is installed 24" A.F.F. (bottom of mirror) and 10" from the door wall.

Storage Rooms

Varies by location

PICTURE FRAMES

REQUIREMENTS

Lobby Frames

Three picture frames installed opposite the retail display. Centered and spaced out evenly - 56" A.F.F.

Two Sconces in between picture frames centered.

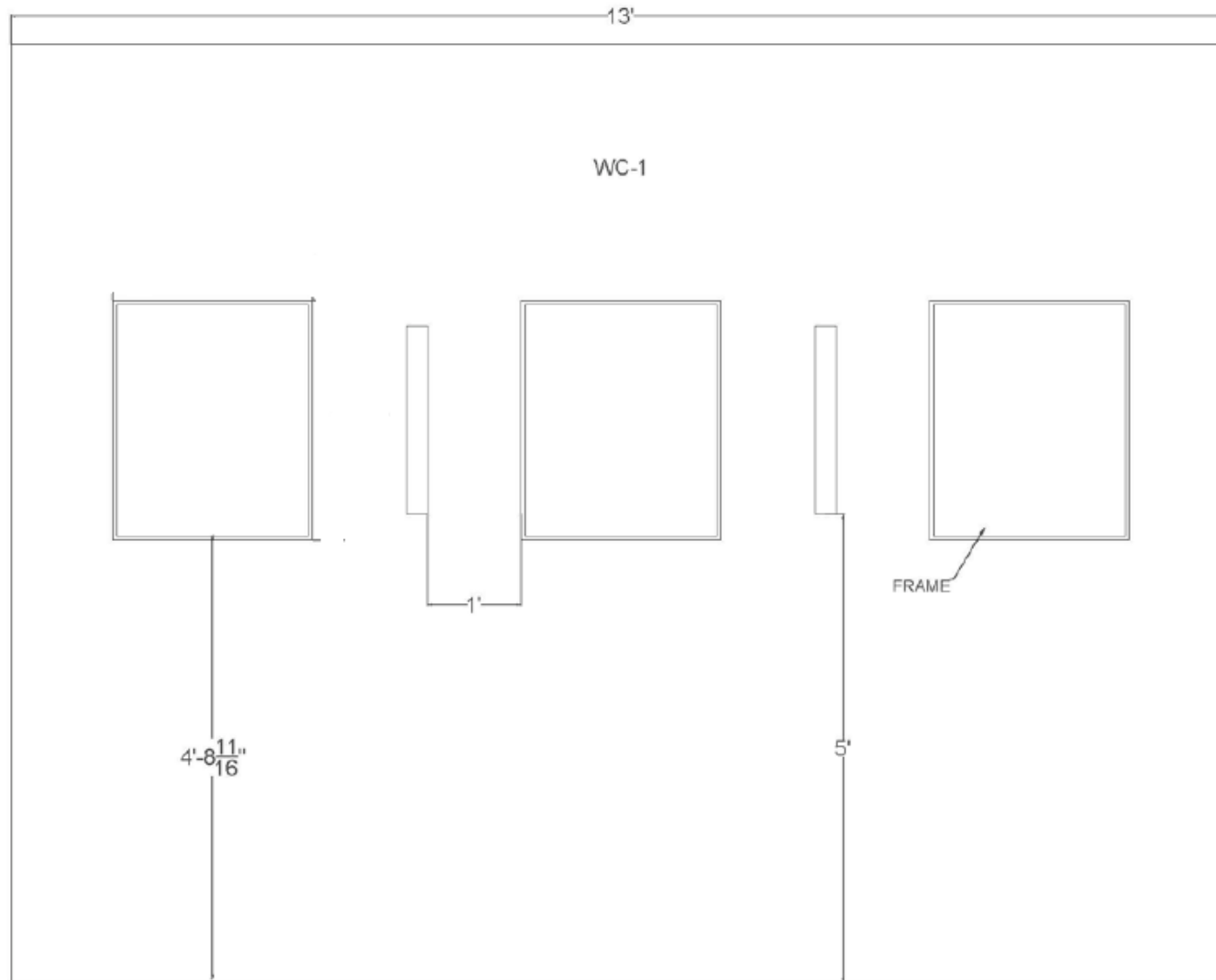
Lobby Logo

The new lobby logo will need to be installed 64" from the floor to the bottom of the square plaque.

This needs to be centered on the lobby logo wall.

PICTURE FRAMES

LAYOUT



PICTURE FRAMES

REQUIREMENTS

Wax Rooms

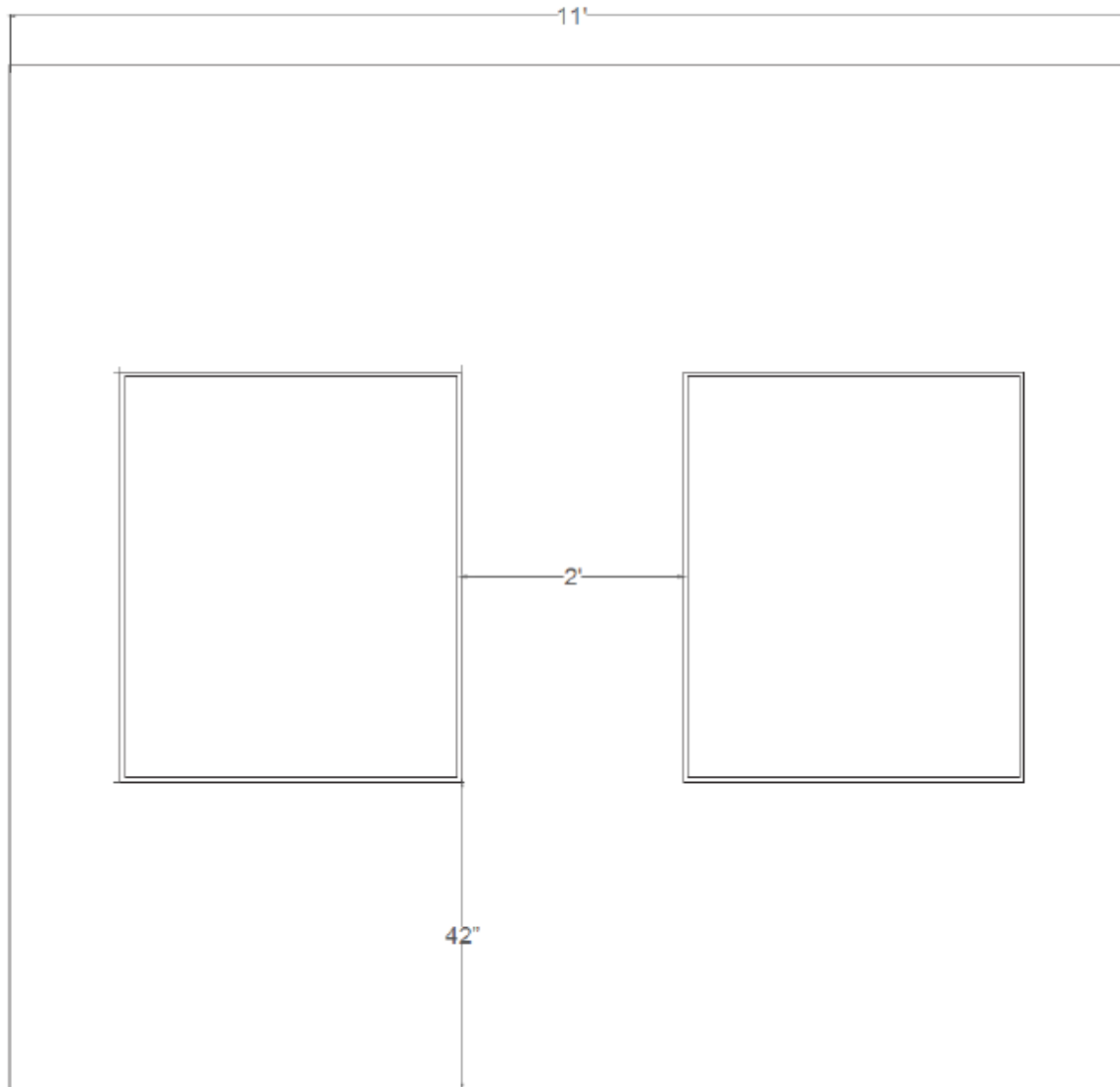
Two picture frames opposite the wax counter - 42" A.F.F.

No picture frames to be hung in the hallway or restroom

The wax room mirror needs to be mounted 24" AFF

PICTURE FRAMES

LAYOUT



MILLWORK

LOBBY PICTURES



MILLWORK

LOBBY PICTURES



MILLWORK

WAX ROOM PICTURES



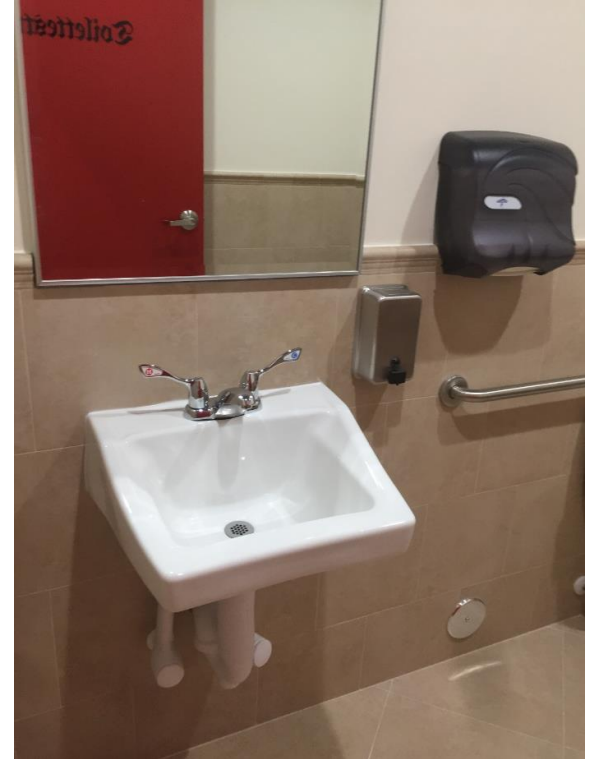
HALLWAY

PICTURES



RESTROOM

PICTURES



STORAGE

PICTURES



EXTERIOR

PICTURES

