

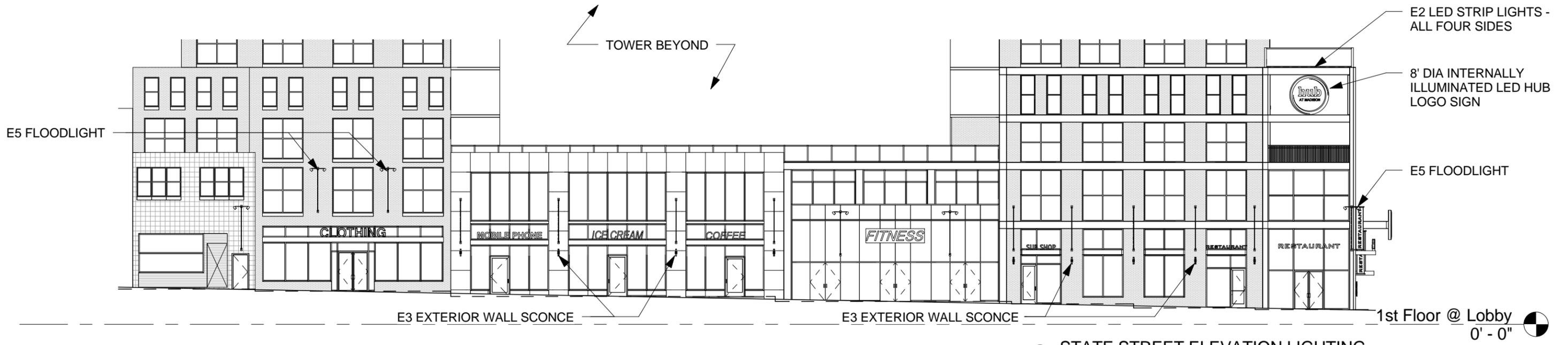
① SITE PLAN
1" = 20'-0"



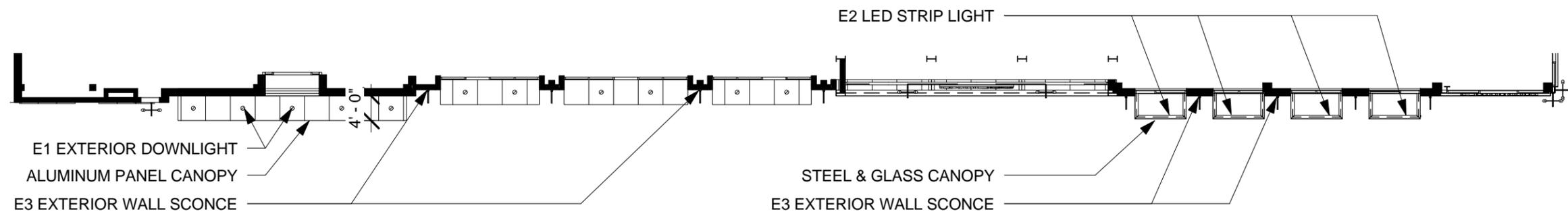
The Hub at Madison - Lighting Package

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SCALE: 1:20 0 20' 40' 80' 06/29/13



① STATE STREET ELEVATION LIGHTING
1" = 20'-0"



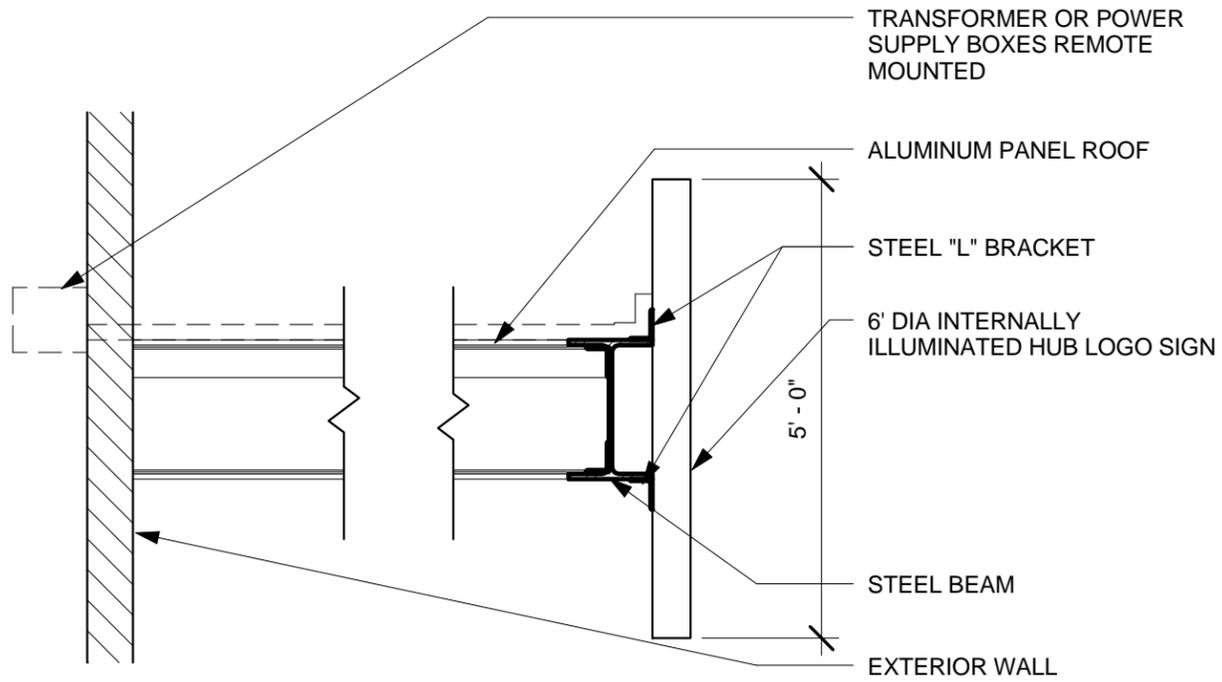
② STATE STREET RCP
1" = 20'-0"

NOTE: EXCEPT FOR THE HUB RESIDENTIAL SIGNS, ALL SIGNAGE SHOWN FOR INFORMATIONAL PURPOSES ONLY. SIGNAGE WILL BE SUBMITTED AS A SEPARATE PACKAGE AT A LATER TIME.

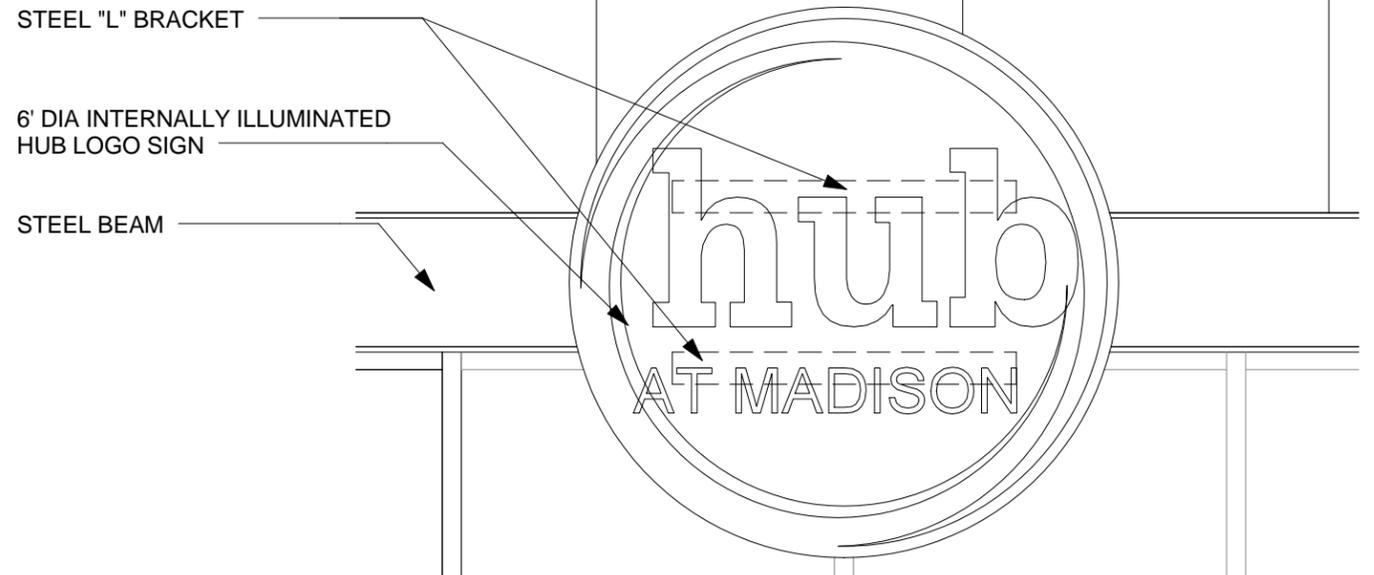


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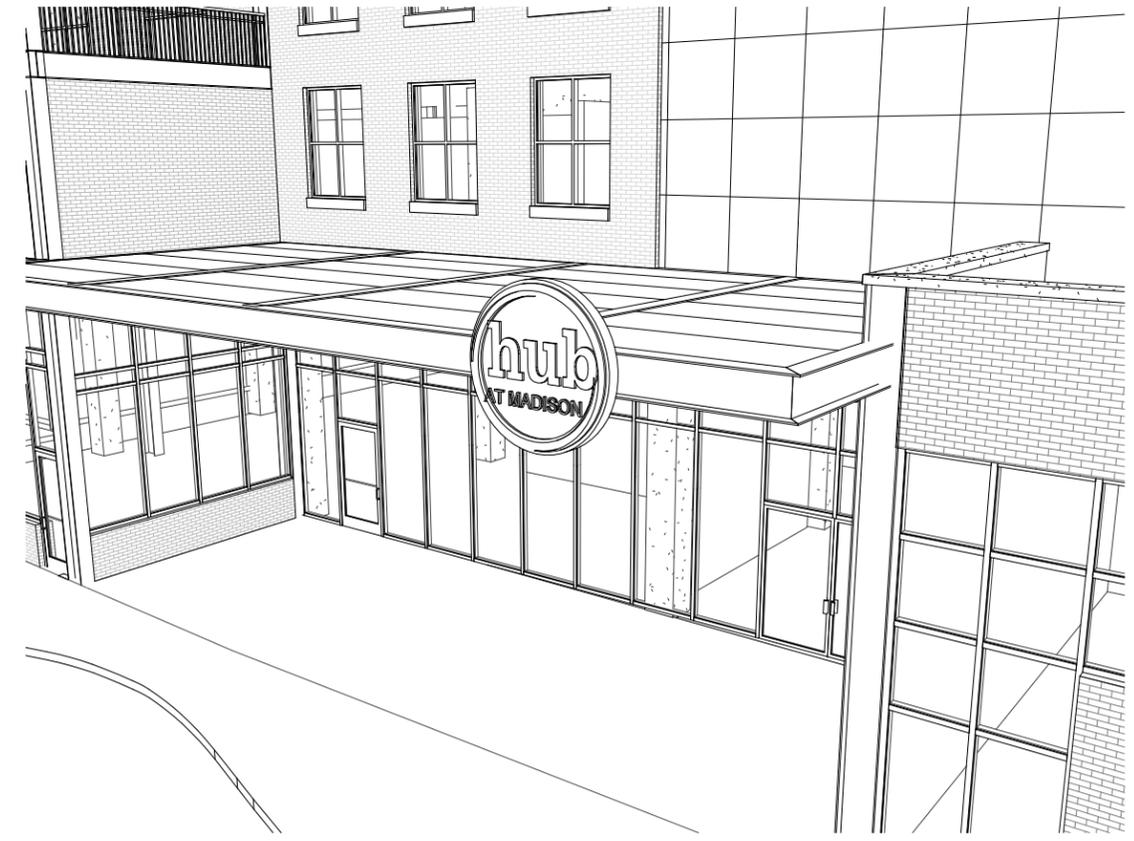
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2 CLOSD CANOPY LOGO SIGN SIDE ELEVATION
1/2" = 1'-0"



3 CLOSD CANOPY LOGO SIGN FRONT ELEVATION
1/2" = 1'-0"

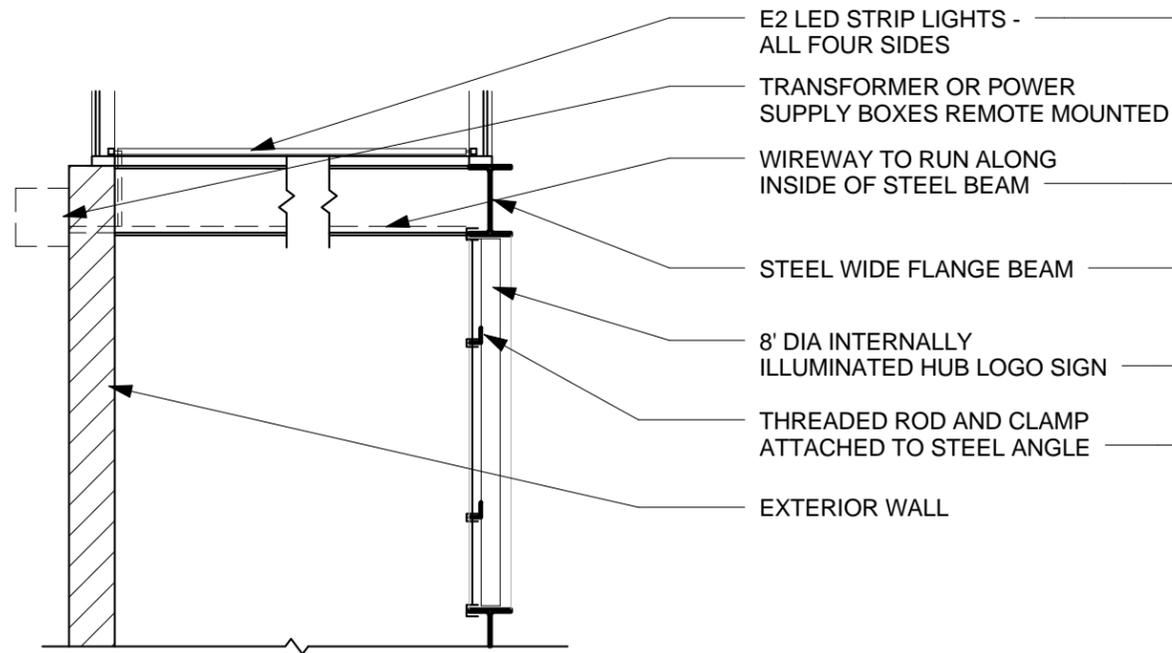


1 CLOSD CANOPY LOGO SIGN PERSPECTIVE



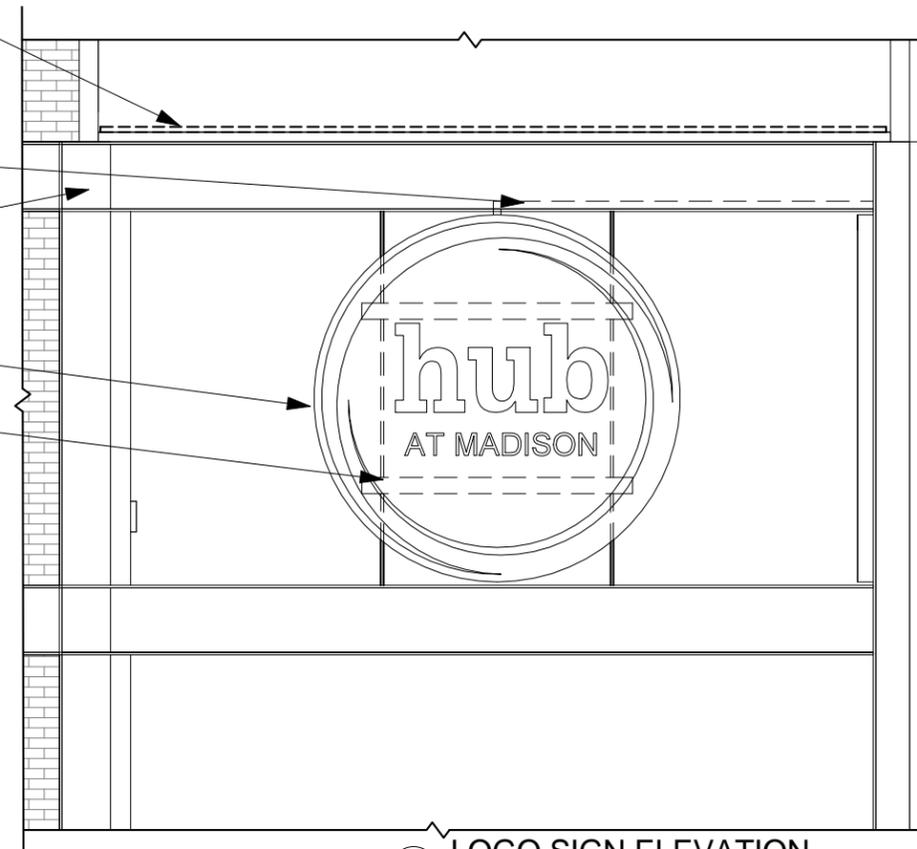
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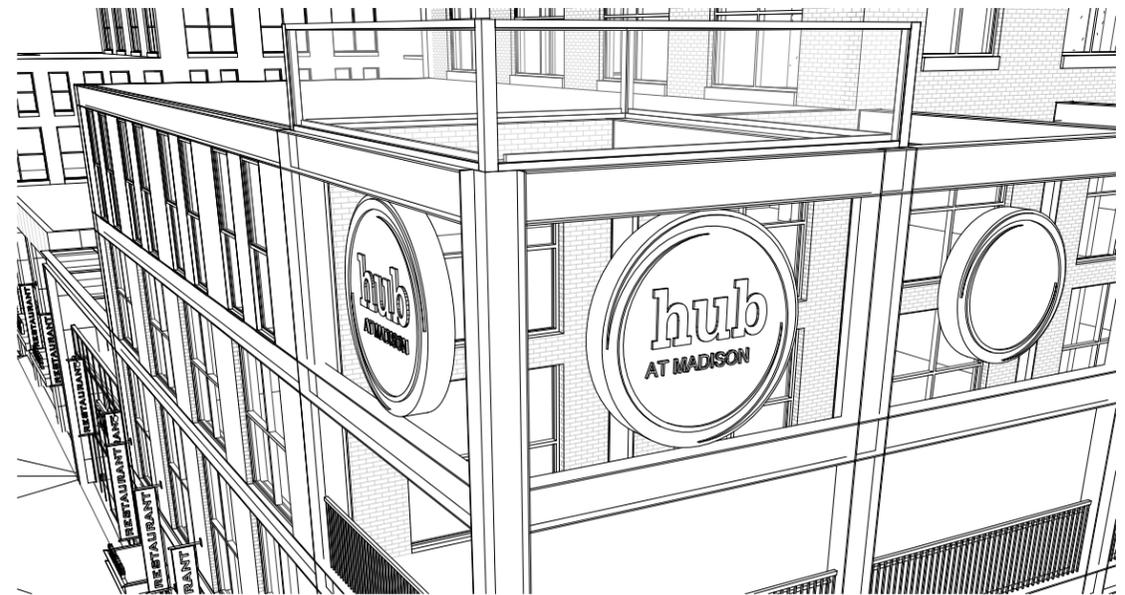


3 SIGNAGE - LOGO SIDE ELEVATION
1/4" = 1'-0"

- E2 LED STRIP LIGHTS - ALL FOUR SIDES
- TRANSFORMER OR POWER SUPPLY BOXES REMOTE MOUNTED
- WIREWAY TO RUN ALONG INSIDE OF STEEL BEAM
- STEEL WIDE FLANGE BEAM
- 8' DIA INTERNALLY ILLUMINATED HUB LOGO SIGN
- THREADED ROD AND CLAMP ATTACHED TO STEEL ANGLE
- EXTERIOR WALL



2 LOGO SIGN ELEVATION
1/4" = 1'-0"



1 LOGO SIGN PERSPECTIVE



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SCALE: 1/4" = 1'-0" 0 2' 4' 8'



1" REGRESS

LUMINAIRE INFORMATION



DELIVERED PERFORMANCE

BeveLED BASIC DOWNLIGHT	14 Watts	20 Watts
	80+ CRI	80+ CRI
Lumens per Watt	51	45
Source Lumens	1000	1415
Delivered Lumens	725	920

Performance based on 3000K, 80CRI with 30° reflector.

PROJECT INFORMATION

PROJECT	TYPE
DATE	
NOTES	

HOW TO SPECIFY

Trim	Bevel Finish	Trim - Flange Finish - Optics	Housing	Color Temperature	Reflector	Housing Type	Voltage	Accessories
1020W Downlight Use in Wet Location	B1 Die Cast Bevel	3 - 30° 5 - 50° 8 - 80°	LRTD-9020-M2 (14W LED)	35KS STANDARD CRI 80+ 27KS - 2700K 30KS - 3000K 35KS - 3500K	30 - 30° 50 - 50° 80 - 80°	NCSM New Construction	120V 277V	CB27 - 27" C-Channel Bars CB52 - 52" C-Channel Bars DIML2 - 0-10V Low Voltage 100%-15% Dimming Driver DIML3 - Lutron Hi-Lume A-Series 2 wire Forward Phase (with neutral) 100%-1% Dimming Driver. 120V Only DIML4 - Lutron Hi-Lume A-Series 3 wire or ECO System 100%-1% Dimming Driver DIML9 - 2 wire Forward Phase / TRIAC 100%-15% Dimming Driver DIML10 - 2 wire Reverse Phase / ELV 100%-15% Dimming Driver TZ - TechZone ceiling compatible EML - Emergency lighting battery pack w/ remote test switch. Above ceiling access required for service. Not for use with wet listed. Bodine BSL26C Emergency driver with max. output of 200mA for 90 minutes delivering approx 275-300 lumens. EMLW - Wet location emergency lighting battery pack w/ remote test switch. Above ceiling access required for service. Bodine BSL26C Emergency driver with max. output of 200mA for 90 minutes delivering approx 275-300 lumens.
1020TZ Tech Zone Compatible Trim	AB1 - Black Alzak Bevel w/ painted flange	10 - White 21 - Black 28 - Metalized Grey RAL - Special Color	LRTD-9014-M2 (14W LED)					
1020EML Use with EML Emergency	AC1 - Clear Matte Alzak Bevel w/ painted flange		LRTD-9020-M2 (20W LED)					
1020EMLW Wet Location Use with EMLW Emergency								

Trim Optics must match Reflector specified

Note: Alzak trims not for use in wet location

SPECIFICATION SHEET

Client: _____

Project name: _____

Order #: _____

Type: _____ Qty: _____

FEATURES AND BENEFITS

Physical :

- Low copper content extruded aluminum housing
- Electro-statically applied polyester powder coat finish
- Driver compartment can be remote up to 25 feet
- Machined aluminum end caps and silicone gaskets
- Stainless steel hardware
- Clear tempered glass
- 10° x 10°, 10° x 60°, 30° x 60° or 60° x 60° optics
- IP66
- Corrosion-resistant option for marine environments

Performance :

- Minimum 1fc (10.7 lux) @ 129 feet (39.3m) distance (4000K, 4' unit, 10° x 60° optic, HO version)
- 2,929 delivered lumens and 16,765 candelas at nadir (4000K, 4' unit, 10° x 60° optic, HO version)
- CRI values: 85+ (2700K), 80+ (3000K), 78+ (4000K)
- Lumen maintenance 120,000 hrs [L70 @ 25°C]
- Lumen measurements comply with LM - 79 - 08 standard
- Resolution per foot or per fixture (see page 6)
- Operating temperatures: -25° C to 50° C [-13F to 122F]

Electrical :

- 24V DC luminaire, remote driver & data supply for 120 to 277V required but not included. See interior and exterior Control & Power box specification sheets for details.
- Power and data in 1 cable (#16-4), standard 10ft /3m cord included
- 5W/ft version meets ASHRAE standards for linear lighting on building facades
- 8.5W/ft (15.25W/ft HO version)
- 0-10 volt, DMX or DALI dimming options
- Maximum run length and fixtures quantity vary according to installation layout, please consult factory



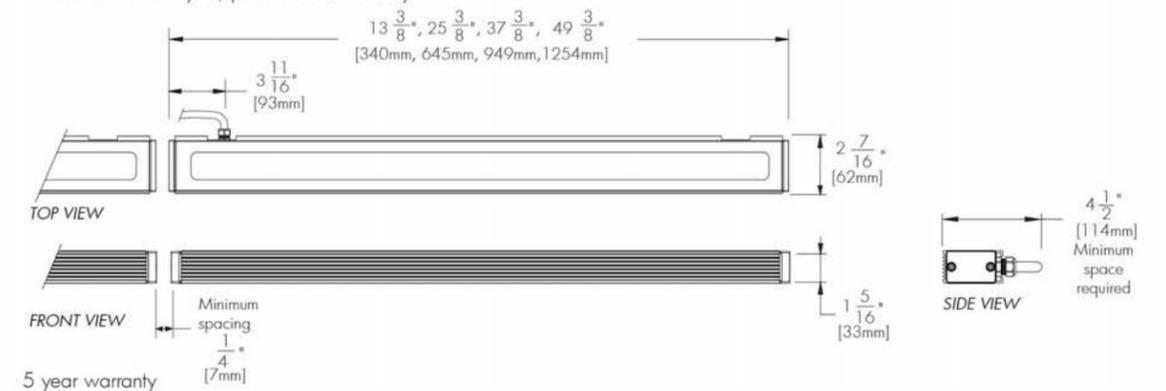
*Strain relief connectors and cables by others.

Wiring detail

WIRE COLOR / USE	
WHITE	NEUTRAL -
BLACK	LINE +
RED	0-10V+ / DATA +
GREEN	0-10V - / DATA -

CE Wiring detail

WIRE COLOR / USE	
BLUE	NEUTRAL -
BROWN	LINE +
BLACK	0-10V+ / DATA +
GRAY	0-10V - / DATA -

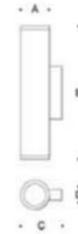


E1 EXTERIOR DOWNLIGHT AT CANOPIES

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E2 BANNER LED STRIP OPTION

Back to Wall Luminaires



Surface wall - up/down or dual narrow beam lighting

Designed to provide up or down or dual-direction lighting effects for interior and exterior locations, featuring narrow beam distribution.

Wall mounted luminaires with fully shielded light source. Die-cast aluminum construction with clear tempered glass.

Luminaires mount over custom BEGA 537 linear recessed wiring box. This box can be shipped ahead of the luminaire.

See individual product pages for LED color and driver information.

U.L. listed, suitable for wet locations.

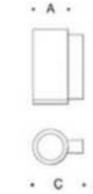
Protection class: IP65

Finish: Standard BEGA colors.

Click product # for details	Lamp	β	Temp°C	A	B	C	D
6516LED.537	26W LED	14°		4 3/8	19 5/8	6 3/8	1 5/8
6519LED.537	36W LED	18°		6	21 5/8	7 7/8	1 5/8
6623MH.537	(2) 39W T6 G12 MH	14°		6	21 5/8	7 7/8	1 5/8

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Back to Wall Luminaires



Wall luminaires with single-sided light output

Designed to provide up or down lighting effects for interior and exterior locations.

Wall mounted luminaires with fully shielded light source. Die-cast aluminum construction with clear tempered glass.

See individual product page for driver and color temperature information.

CSA certified to U.S. and Canadian standards.

Protection class: IP65

Finish: Standard BEGA colors.

Click product # for details	Lamp	β	Temp°C	A	B	C	D
6655LED.537	13W LED	19.5°		4 3/8	9	6 3/8	1 5/8
6698LED.537	18W LED	19.5°		6	11 3/4	7 7/8	1 5/8
6696MH.537	(1) 20W T4 G8.5 MH	17°		4 3/8	9	6 3/8	1 5/8
6697MH.537	(1) 39W T6 G12 MH	14°		6	11	7 7/8	1 5/8

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E3 EXTERIOR WALLSCONCE - RETAIL

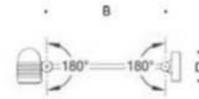
E4 EXTERIOR WALLSCONCE - RESIDENTIAL BALCONIES



The Hub at Madison - Lighting Package

L7

[Back to Floodlights](#)



Floodlight - small scale with outrigger arm

Designed for floodlighting applications for interior and exterior locations. Small scale with optional symmetrical and asymmetrical distribution. Glare shield, multiple color filters and spread lenses available.

Floodlight luminaires with stainless steel outrigger arm and die-cast aluminum construction. Fully adjustable 180° vertical and 360° horizontal rotation. Clear tempered glass lens.

U.L. listed, suitable for wet locations.

Protection class: IP65

Finish: Standard BEGA colors.

Click product # for details	Lamp	B	Temp°C	A	B	C
7722MH	(1) 39W T4 G8.5 MH	36"		4 1/4	27 1/4	7 1/2
7723MH	(1) 70W T4 G8.5 MH	37"		4 1/4	27 1/4	9 1/2

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E5 BANNER FLOODLIGHT OPTION

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