May 13, 2022

MIDDLETON ASSOCIATES INCORPORATED
1702 W. COLLEGE AVE., SUITE E
NORMAL, IL 61761-2793
309/452-1271 FAX 309/454-8049

ADDENDUM NUMBER 1
TO THE DRAWINGS AND SPECIFICATIONS

PROJECT: McLean County Unit District No. 5 Oakdale Elementary School Lobby Remodel for
                      Increased Security – Phase One

FOR: McLean Co. Unit District No. 5
                      1809 W. Hovey Ave.
                      Normal, IL 61761

A/E PROJECT NO: 26062322A

ISSUE DATE: May 5, 2022

BID OPENING: Friday, May 20, 2022, 1:00 p.m. prevailing time
                              Maintenance Office, 1999 Eagle Road, Normal, IL 61761

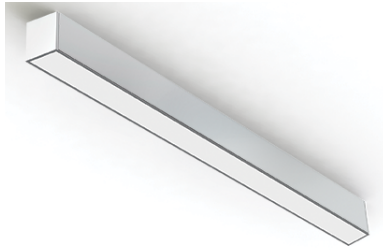THIS ADDENDUM DOES NOT CHANGE THE BID DATE OR BID TIME.

Upon receipt of this ADDENDUM, insert same into the documents, which were issued to you. Hereafter, said ADDENDUM shall be as much a part of the said documents as though originally set forth therein. THIS ADDENDUM DOES NOT CHANGE THE BID DATE.

1. TO THE SPECIFICATIONS, Section 26 0920, Electrical Fixtures; Paragraph 1.01.A: Replace with new sheet ME-1. The new fixture is essentially the same as specified with current (2022) technical description.

2. TO THE SPECIFICATIONS, Section 08800, Glazing; Paragraph 1.1.A.1.b and Paragraph 2.1.A and 2.1.D are modified to indicate that 1" acrylic level 1 will be satisfactory to use in this project. Also, Paragraph 2.1.B is to be deleted.

3. TO THE DRAWINGS SHEET, A-1 Demolition Plan: The removal of the floor chase on the west wall will be taken out from the Base Bid documents. This work will be done on T&M basis by Ideal Environmental, or the Contractor awarded the contract may be requested to perform exploratory work on the chase, on a T&M basis.

Attachment: Addendum 1, Sheet ME-1

END ADDENDUM NO. 1

MARK
ARCHITECTURAL LIGHTING™

Slot 4 LED
Surface Mount

The Slot LED family of luminaires offers an unparalleled package of performance and features for your next lighting project. Precision lumen DIRECTIR optics deliver optimized light where needed for ceilings and walls. With other key features such as simplified installation, seamless controls integration and superior LED color constancy, the Slot LED family from Mark Lighting offers exceptional quality and design flexibility.

Specification Features

Housing
Nominal 3.5" x 3.75" extruded aluminum housing

Finish
White, Black or Silver powdercoat

Reflector
Formed steel with high reflectance white.

Distribution/Shielding
Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance for direct lambertian distribution (No Optics). Wall Wash (WW) and Wall Graze (WG) distribution options incorporate co-extruded lenses. Shielding is available as an external blade louver for WW or WG options, or an internal blade louver in lieu of lambertian distribution diffuser.

LED Components
Linear: Nichia®- 757 series LED chips (>80 CRI)

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 Consistency
The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. The color a variation of no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

Driver
Factory tuned constant current electronic dimming driver is standard. Flicker free dimming available down to <1%. LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) IEEE Standard 1789 2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels. Electrical specifications at maximum driver load: PF > 0.9 and THD <20%. Meets FCC Title 47 Class A or Class B. Other available drivers include Lutron, DMX and DALI protocol drivers.

Certification
CSA tested to UL 1598 standards, assembled in the USA. Damp location listed.

Listings
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/QPL to confirm which versions are qualified.

Warranty
5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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

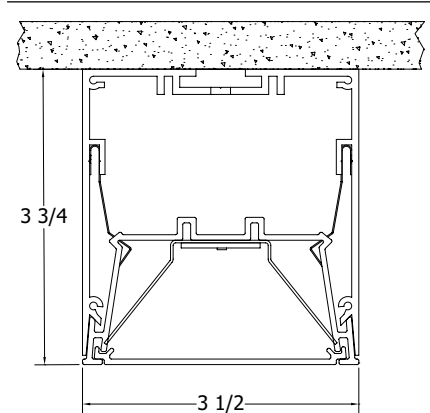*All values are design or typical values, measured under laboratory conditions at 25 °C.*

Specifications subject to change without notice.

Technical Drawing

3 3/4

3 1/2

Direct Surface

Buy American:
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

A+ 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

Fixture Performance

4FT INDIVIDUAL (35K)	DIRECT			
Lumens Output	400LMF	600LMF	800LMF	1000LMF
Delivered Lumens	1800	2707	3571	4103
Input Watts	15.4	23.4	32	37.3
Lumen/Watt	117	115	112	110

* Consult factory for customized lumen output and wattage between 350LMF and 1050LMF.

MARK
ARCHITECTURAL LIGHTING™

Slot 4 LED
Surface Mount

A+ Capable options indicated by this color background.

Ordering

Series
S4LS	Slot 4 Surface - Direct

Plan
LCB	Linear center balanced
LLP	Linear longest possible

Total Run Length
_FT	Specify continuous run length (in whole feet, 2' minimum)

Unit length may affect available options.

2' & 3' only available as individual units.

For runs longer than 8FT: ALWAYS order the run by the TOTAL RUN LENGTH. Ordering the sections individually will not provide the correct joining hardware to allow connection in the field.

Max Section Length
MSL4	4'
MSL5	5'
MSL6	6'
MSL7	7'
MSL8	8'

Direct Light Source Color Rendering
80CRI	80 CRI
90CRI	90 CRI

Direct LED Color Temp
27K	2700K
30K	3000K
35K	3500K
40K	4000K
50K	5000K

Direct LED Light Output
400LMF	400 lumens per FT
600LMF	600 lumens per FT
800LMF	800 lumens per FT
1000LMF	1000 lumens per FT
_LMF[1]	# lumens per FT

Direct Distribution (Optics)
(blank)	Standard lambertian distribution
WW[2]	Wallwash distributions
WG	Wall graze distribution

WW and WG not available with Downlights, EGLD, LVRR or LVRRA.

Downlight
(blank)	No Downlight modules in fixture
2DL	LED downlights (2 per unit)
_DL	LED downlights per run (3DL, 4DL, etc.)

Must select all Downlight options.
Specify number of downlights modules.
Not available on 2' or 3' units.
Not available with 347V.
Maximum of 2DL in 4' & 5' units.

Downlight Shape
(blank)	No downlight modules in fixture
RDD	Round
SQD	Square

Downlight Color Rendering
(blank)	No downlight modules in fixture
S80CRI	80 CRI

Downlight Color Temp
(blank)	No downlight modules in fixture
S27K	2700K
S30K	3000K
S35K	3500K
S40K	4000K

Not available with emergency options.
Not available with 4' unit with DCT.
Not available with any sensors on the same unit.

Minimum Dimming Level
NODIM[3]	Non-dimming
MIN1	Constant current, dimming to 1%
DARK	Constant current, dimming to 0.1%

Optional Shielding
(blank)	No louver
LVRD[4]	Dropped louver
LVRR[6]	Regressed louver painted to match fixture finish
LVRRA[6]	Regressed louver, aluminum finish
EGLD[4,5]	Edge View direct lens

Not available with Downlights.
Not available with NLTAIR2.

Voltage
MVOLT	Multi-volt, 120-277V
120	120V
277	277V
347[7]	347V

Finish
WHT	White (gloss)
BLK	Black (gloss)
SLV	Silver (gloss)
WHTT	White (textured)
BLKT	Black (textured)
SLVT	Silver (textured)
RALTBD	RAL paint finishes

Emergency Options
E10WLCP[8]	4' emergency section w/ battery pack, 1250 lumens
_E10WLCP[8]	4' emergency section w/ battery pack, 1250 lumens
_EC[9]	# of emergency circuits
BGTD[9,10]	Generator transfer device

Not available with 347V.

Control Input
(blank)	Non-dimming, line voltage
ZT	0-10V control
NLIGHT[11]	nLight enabled
NLTAIR2[12]	nLight AIR (wireless) enabled
DALI[13,14]	DALI compatible
DMX[13,14]	DMX compatible
ECOD[14,15]	Lutron Hi-Lume digital driver
ECOD2[14,15,16]	Lutron Hi-Lume 2-wire (1% dimming)
ECOD5[14,15]	Lutron 5-series digital driver (5% dimming)

Sensor
(blank)	Select if single zone/no zone without sensor
NS	Select if multi-zone fixture with no sensor in main zone
PDT[17]	Occupancy sensor - dual technology (passive infrared & microphonics)
ADC[17]	Photocell-daylight dimming sensor
API_[18]	PIR occupancy sensor & photocell
APD_[18]	PDT occupancy sensor & photocell

Not available with Downlights. Not available with 347V & nLight. (Use ZT or NLTAIR2 Control Inputs where applicable.)
Not available on 2' or 3' units.

Secondary Sensor
(blank)	No additional zones/sensors
SNS	Select if multi-zone fixture with no sensor in secondary zone
SPDT[17]	Occupancy sensor - dual technology (passive infrared & microphonics)
SADC[17]	Photocell-daylight dimming sensor
SAPI_[18]	PIR occupancy sensor & photocell
SAPD_[18]	PDT occupancy sensor & photocell

Not available with Downlights.
Not available with 347V & nLight. (Use ZT or NLTAIR2 Control Inputs where applicable.)
Not available on 2' or 3' units.

Tertiary Sensor
(blank)	No additional zones/sensors
TNS	Select if multi-zone fixture with no sensor in tertiary zone

Options
BAA	Buy America(n) Compliant	GMF[14]	Slow-blow fuse
GLR[14]	Fast-blow fuse	WL[14]	Wet Location

Notes:
1. Limited to 350LMF to 1050LMF in 50LMF increments. Not available with ECOD, ECOD2, ECOD5 or DMX control input.
2. Not available with NLTAIR2.
3. Not available with Control Input.
4. Not available with Sensor Options.
5. Not available with Emergency Options
6. Not available with sensors on 2', 3' & 4' units.
7. Not available with ZT & sensors, with NLTAIR2, with emergency options, with NLIGHT in 5' units, with NLIGHT & downlights.
8. Not available with 2' or 3' units. Not available with DMX control option. One battery pack per unit. Only available on 8' unit with ECOD, ECOD2, ECOD5. Not available on 5' unit with NLTAIR. If with ZT & API, APD, or NLTAIR2 only available in 7' & 8' units.
9. Powers entire direct unit. Not available with DMX. Not available on individual units with NLTAIR2.
10. Must select 120 or 277 volt. Remote mounted. Not available with sensor and BGTD in same unit. Not available with DMX.
11. Comes with white CAT5 cord in addition to the standard power cord. Will require remote mounted nIO on 2' unit. One NLIGHT device per zone or sensor, for multiple zones consult factory.
12. Must select MIN1 or DARK Dim Level. Not available with WW option or 2' & 3' units. Not available with WL. If ordered with E10WLCP, only available in 7' & 8' units. One NLTAIR2 device per zone or sensor, for multiple zones consult factory.
13. Must select DARK Dim Level.
14. Not available with 347V.
15. Must select MIN1 Dim Level. Not available on 2', 3' or 5' units.
16. 120V only.
17. Requires ZT or NLIGHT Control Input.
18. Requires ZT, NLIGHT or NLTAIR2 Control Input.

26 0920 - 3 Electrical Fixtures

S4LS SURFACE 12/22/21

A/E # 26062322A