

Type	Description	Location	Mfr / Catalog No.	Finish	Lamping	Electrical Data	Type	Description	Location	Mfr / Catalog No.	Finish	Lamping	Electrical Data														
E-87	Recessed LED adjustable downlight, nominal 2.25" aperture with housing design for installation through aperture, damp location, dimmable	Ground Level Soffit	Prescolite A2LED-VOLTAGE-2A9LED-9L-30K-8-FL35-FINISH	Refer to cutsheet package for finish options	17 W LED 900 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 17 W	E-66	Recessed LED downlight with decorative glass trim element, nominal 6" aperture, wet rated, dimmable	Ground Level Ramp	Lightoller C6L1520DL-30K-W-CCL/D-FLANGE-OPTIONS-VA C6L20-N-VOLTAGE-OPTIONS D6A03 series trim	White, Polished	40 W LED 2000 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 40 W	E-9	Inground adjustable LED uplight with non-slip lens, nominal 7.5" round aperture, wet rated, dimmable	Palm Trees Entry Driveway	Lumiere 3002-A-RD-18LED3000-NFL-NSL-UNV-FINISH-OTHER LSL-38	Black, Bronze, Silver, Verde, White, Stainless Steel, Brass	18 W LED 842 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral ELV Dimmable Driver, Input Watts: 18 W							
							E-68	Building mounted adjustable RGBW LED area light with safety cable and shield, wet rated, DMX controlled	Roof	ETC SELD40 FO-FINISH-X 400PHH SELRM/W-7.5 400SC LEAD cable as required Allow (2) Optic lenses	Black, White, Silver	110 W RGBW LED 50,000 hr+ L70	Integral DMX Controlled Power Supply, Input Watts: 110 W	E-10	Ground mounted adjustable LED tree uplight, wet rated, dimmable at fixture	Trees	Illuminex VM-AI-1-BW-FA-12-FINISH VMT002 stake, VMT003/VMT007 j-box or VMTRP post as required for mounting Remote transformer as required	Clear, Black, Bronze	11.5 W LED 430 lm 3000K, 80+ CRI 50,000 hr+ L70	Remote Transformer, Dimmable at Fixture, Input Watts per Power Supply: 11.5 W							
							E-89	Surface mounted adjustable LED diffused lens linear light, wet rated and dimmable	Entry Canopy	Ecosense L50-E-LENGTH-12-30-80-MULT-LOL LDCM-PL-120-277-010V-GR	Concealed	12 W/ft LED 498 lm/ft 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 12 W/ft	E-69	Wall recessed LED step light with nominal 1.7"x1.58" aperture, remote power supply, wet rated, dimmable	Level 2 Circulation	Lucifer ISL-ALED-3K-FINISH-L Mounting collar as required PSA-60-12H remote power supply as required	Refer to cutsheet package for finish options	3 W LED 3000K, 80+ CRI 50,000 hr+ L70	Remote Dimmable Power Supply, Input Watts per Power Supply: 3 W	E-13	Surface mounted LED wall grazer with adjustable mounting bracket and hexcell louver, wet rated, dimmable	Level 7 Deck	Boca Flasher HPNLS-RT-3000K-10x60-VOLTAGE-FINISH-W-S-HL Remote transformer as required	Anodized, Black	8 W/ft LED 3000K, 80+ CRI 50,000 hr+ L70	Remote Line Voltage Dimmable Driver, Input Watts per Power Supply: 8 W/ft
							E-90	Pole mounted nominal 11'-0" tall LED pedestrian light column with custom shade pattern, wet rated, dimmable	Plaza	Forms and Surfaces LPLCO612 - CUSTOM SHIELD	Stainless Steel	32 W LED 3790 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 32 W	E-70	Pole mounted LED indirect pedestrian light on nominal 12" tall pole, wet rated, dimmable	Level 7 Deck	Bega 8309LED-K3-FINISH 906HR 5" Straight round hinged pole	Black, White, Bronze, Silver	63.8 W LED 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 63.8 W	E-52	Recessed LED adjustable downlight, nominal 4" round trim with 2-1/2" aperture, wet rated, dimmable	Ground Level Bridge and Canopy	Element E4R-L-LH830-40-A-I/N-010-VOLTAGE E4R-L-F-H-FINISH	Antique Bronze, Black, Satin Nickel, White	32 W LED 2590 lm (delivered) 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Driver, Input Watts: 32 W
E-91	Surface mounted adjustable LED cove light, wet rated dimmable	Plaza Bridge	Ecosense L50-E-LENGTH-10-30-80-MULT-40x60 LDCM-PL-120-277-010V-GR	Concealed	10 W/ft LED 697 lm/ft 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 10 W/ft	E-73	Recessed LED wall washer with nominal 4" round aperture, damp location, dimmable	Ground Level Ramp	Element E4R-L-W-LH830-I/N-010-VOLTAGE E4R-F/L-W-FINI	Refer to cutsheet package for finish options	32 W LED 2590 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 32 W	E-54	Wall mounted LED area light with 5 degree shield with asymmetric distribution, dimmable	Ground Level Alley	Philips Lighting LPW32-78-FINISH-OPTIONS-MOD 3000K	Bronze, Dark Gray, White	71 W LED 6913 lm 3000K 50,000 hr+ L70	Integral 0-10V Dimmable Driver, Input Watts: 71 W							
E-92	Ground surface mounted LED bollard, wet rated, dimmable	Level 2 Plaza.	Bega 88659-FINISH	Black, White, Bronze, Silver	15.3 W LED 729 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 15.3 W	E-80	Surface mounted LED flexible light with diffusion lens, mounted at planter within architectural shield detail, wet rated, remote power supply	Typical Planter	GE GEXN32-1 GEPS24 Series remote power supply as required Light Guides as required	N/A	3.73 W/ft LED 130 lm/ft 3200K 50,000 hr+ L70	Remote Power Supply, Input Watts per Power Supply: 3.73 W/ft	E-56	Fountain lighting to be specified by Fountain Consultant	Ground Level Water Feature	Specification to be determined by Fountain Consultant		Allow 100 W, Dimmable Remote transformer/Driver								
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PL-3	Recessed LED pinhole downlight, nominal 2" aperture, with housing design for installation through aperture, wet rated, dimmable	Throughout	DMF LD2-5-8-30-145-1010/2010 LD2-FINISH LD2-NCIO10 Housing as required	White, Black, Silver	15 W LED 500 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 15 W	E-78	Wall mounted LED direct/indirect wall sconce, nominal 8 1/2" deep x 12-1/4" high housing, with modified indirect output, wet rated, dimmable	Level 2 Historic Tower	Sistemalux S.3952W-UNV-FINISH MOD 500lm uplight Allow optic lens	Refer to cutsheet package for finish options	35 W LED downlight: to be confirmed uplight: 500 lm 3000K, 80+ CRI 50,000 hr+ L70	Integral Power Supply, Input Watts: 35 W	E-57	Suspended decorative pendant to be specified by Restaurant Designer, wet rated, dimmable	Ground Level Plaza	Specification to be determined by Restaurant Designer		Allow 300 W, dimmable								
ESC-1	Retrofit LED lamp for existing sconces on historic façade (Type E-11 fixture may be required in these locations if existing components are not serviceable)	Historic Façade	Lighting Science Group DFN-30-75WE-W27-HE-FL-120	N/A	11 W LED 800 lm 2700K, 80+ CRI 50,000 hr.+ L70	Input Watts: 11 W Rated Watts: per existing fixture	E-81	Recessed LED adjustable pinhole downlight, mounted at slanted edge of canopy, nominal 1.7" aperture, wet rated, dimmable	Level 7 Deck	Element E3R-CEILING-LH830-4-A-I/N-010-VOLTAGE E3R-F-F-H-FINISH	Antique Bronze, Black, Satin Nickel, White	18 W LED 1500 lm (delivered) 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 18 W	E-62	Surface mounted LED tape light in aluminum extrusion with frosted lens mounted at historic façade, wet rated, remote power supply, dimmable	Level 6 Historic Tower	Optic Arts FLEX-65-30-24-44-LENGTH AS1 Series extrusion with frosted lens ML-WATTAGE-S24DC remote power supply as required	Concealed	4.4 W/ft LED 351 lm/ft 3000K, 80+ CRI 50,000 hr+ L70	Remote MLV Dimmable Power Supply, Input Watts per Power Supply: 4.4 W/ft							
GENERAL NOTES: 1. Provide all lighting fixtures as shown complete with all lamps, completely wired, controlled and securely attached to supports 2. Where both narrative and/or pictorial fixture descriptions are provided, the written description shall take precedence and prevail. 3. The lighting fixtures and workmanship must be in accordance with and meet the standards and regulations of the following: a.) Underwriters Laboratories b.) National Electric Code c.)Local Building and Life Safety Code 4. All fixtures and workmanship shall be guaranteed free of defects and fully operational for a minimum of one year after the acceptance of the project by the Owner. Any fixtures or workmanship (excluding lamps) found to be defective during the warranty period will be either fixed or replaced by the Contractor at no cost to the Owner. 5. Locations of fixtures are shown diagrammatically. Verify exact location and spacing with Plans and designer at the site during installation. Notify Owner about field conditions at variance with Contract Documents before 6. Provide adequate and sturdy support for each lighting fixture. Contractor shall be responsible for verifying weight and mounting method of all fixtures and furnish and install suitable supports. Fixture mounting assemblies shall comply with all local seismic codes and regulations. 7. At the completion of construction, clean lenses and reflectors of all lighting fixtures so as to render them free of any material, substance or film foreign to the fixture. Blemished, damaged, or unsatisfactory fixtures shall be 8. Replace all burned-out or inoperative lamps, and inoperative ballasts in all fixtures before the building is accepted by the Owner so that all lighting fixtures will be in first class operating condition. 9. Contractor to review existing circuiting, verify new loads and panel capacity. Contractor shall notify Owner if a conflict between design documents and field conditions occur. 10. For all fixtures that are dimmed refer to electrical drawings for information on controls and dimming requirements. Provide appropriate dimming system based on load type. Contractor to provide all required components for 11. Contractor to provide line item pricing per fixture type with equipment cost, labor and installation shown as line items. 12. Refer to electrical drawings for Voltage information. 13. Per section 16510 Part III/U: For all adjustable fixtures provide labor and materials for final aiming and locking of all adjustable fixtures under the Architect's supervision. Aiming shall take place immediately before building is turned over to Owner, after regular working hours where required.							E-82	Recessed LED adjustable pinhole downlight, mounted at slanted edge of canopy, nominal 1.7" aperture, wet rated, dimmable	Level 7 Corridor	Element E3R-CEILING-LH830-4-A-I/N-010-VOLTAGE E3R-F-F-H-FINISH	Antique Bronze, Black, Satin Nickel, White	18 W LED 1500 lm (delivered) 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 18 W	E-63	Surface mounted LED tape light in aluminum extrusion with frosted lens mounted at historic façade, wet rated, remote power supply, dimmable	Level 7 Historic Tower	Optic Arts FLEX-65-30-24-44-LENGTH AS1 Series extrusion with frosted lens ML-WATTAGE-S24DC remote power supply as required	Concealed	4.4 W/ft LED 351 lm/ft 3000K, 80+ CRI 50,000 hr+ L70	Remote MLV Dimmable Power Supply, Input Watts per Power Supply: 4.4 W/ft							
							E-82a	Similar to Type E-82	Level 7 Bridge	See Type E-82	See Type E-82	See Type E-82	See Type E-82														
							E-83	Building mounted LED area light with shield, wet rated, dimmable	Level 7	Bega 77709 LED-K3-FINISH 70758/70721 glare shield	Black, White, Bronze, Silver	83 W LED 3000K, 80+ CRI 50,000 hr+ L70	Integral 0-10V Dimmable Power Supply, Input Watts: 83 W	E-84a	Ingrade LED adjustable uplight with semi-frosted lens with nominal 6" aperture for lighting at columns behind planters, wet rated, dimmable	Ground Level	Sistemalux S.4753W-120V-09	Black	3.6 W LED 2700K 50,000 hr+ L70	Integral Dimmable Electronic Power Supply, Input Watts: 3.6 W 120V only							

DESIGN
BY
DATE
- 05/07/2013
- 08/04/2013
- 10/29/2013
- 05/27/2016

DESIGNER
HLS
MECHANICAL
MECHANICAL
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CORE & SNELL LIGHTING SCHEDULE.

DRAWN
SKH

CHECKED
HLA

APPROVED
-

SCALE
1/8" = 1'-0"

SHEET

A-500

DATE
June 25, 2013

PROJECT NUMBER
HLA 0000000-00000