



August 30, 2021

Jeannie Dilger
Palatine Public Library

RE: Parking Structure Lighting Replacement

Dear Jeannie,

The following letter outlines the process we have completed with regards to the parking lot lighting project, how we have seen the scope evolve, and provides a current cost mode for the work. We have also included a recommendation on what we believe to be the best course of action for the library. Once you have provided direction to the design team, we will need about three weeks to develop documents for bidding.

The design team initially understood the scope of work to include replacement of the existing fixtures in place and add additional fixtures to underlit spaces. The original photometric light plans focused on limiting the disturbance to the existing systems in order to provide better cost control. This approach planned to reuse the existing circuiting and included only minimum conduit and wiring expansion to new fixtures.

During our initial review it was noted that the parking lot lighting is not connected to a lighting control system. Based on the scope of work, code requires a lighting timer system. Several parking lot lighting control options were discussed with the library which included a building timer, occupancy sensors and daylight sensors. Upon review the library elected to install the base code requirement of a building timer.

We also discussed options of square fixtures and linear fixtures. Square fixtures have the advantage of equal light distribution while linear lights provide more light in two directions. Some square fixture options are a little less money however these are very bulky and utilitarian. Linear fixtures have the advantage of a thinner profile which sits nicely on the parking garage structure. We discussed issues with nesting birds and the best approach to minimize that potential issue.

Much of the discussion centered around providing better and higher illumination in the structure to improve the patron experience and promote safety. The existing lighting layout does not provide equal light distribution. We discussed reusing the existing circuiting while adding conduit and wiring to provide an improved light distribution. This option did add costs to the project, however it also provides the highest light levels and equal distribution.

A recent development was the discovery that the existing in floor conduit is deteriorating and had moisture issues. Since the scope of the work will now include all new circuiting, conduit and wiring the recommended approach is to provide light fixtures along the main structural beam lines in an equally distributed pattern to provide increased light levels and economical conduit runs. The scope of this work adds about \$77,000 in materials and installation and about \$19,000 in soft costs. Current economic market conditions have added about 30% to conduit and wiring costs over the last 6 months.

The attached cost model represents a breakdown of construction costs and typical allowances for soft costs. This is divided up into a linear light and square light cost estimate. The cost model shows that linear lights are slightly more expensive. Additionally, current market conditions make it difficult to predict costs as many materials are seeing large increases from week to week. This is currently focused around products made with metals and plastics. The costs are based on RS Means national data along with a review by local electrical contractors. Below is our approach to each item.

- **Demolition:** This includes the removal of the existing fixture, removal of the existing circuiting, and capping the existing power boxes. The assumption is this will take 45 minutes per fixture.
- **Ceiling Repair Allowance:** This would cover any repairs that would need to be done to the existing fire protection or other ceiling equipment based on the demolition.
- **Light Fixtures:** The project is recommending 141 total fixtures which adds 38 additional fixtures to the existing system. The assumption is that each fixture will take 30 minutes to install.
- **Conduit and wiring:** The project will need new 3/4 inch conduit and 4 pair of wires to each light fixture.
- **Lighting Controls:** The proposed time clock will integrate into the new building lighting control system.
- **Soft Costs:** This includes general conditions for supplies, contractor overhead and profit, a permit allowance, insurance and a contingency. These add up to about 25% of the total project. General conditions include things needed to complete construction but are not specially itemized for example; parking barriers, dumpsters, and temporary lighting.

Based on the current understanding of the project requirements we recommend the library approve the updated cost model for linear lighting along the main structural beams. This approach will provide increase and better light distribution for patrons, reduce the ability for birds to nest, and will have a slim profile along the structural beams. Additionally, the library will be able to address the deteriorating existing conduit in the slab with the updated design.

Sincerely,

Shaun Kelly
Principal

EA File Name: U:\PROJECTS\2021 3385\213315 Palatine PL Parking Lighting\1-Project Administration\8-Correspondence & Reports\PPL - Lighting Review.Docx

Each model is an opinion of probable cost. Many decisions regarding material selection, system development and project parameters have yet to be defined. Market conditions, as always, are beyond the control of the architect or estimator and will vary over time. No guarantee is given or implied that costs will not vary from these models. It is imperative that additional estimates are prepared as the project is developed to ensure conformance with project budgets.

SUMMARY				Linear Option	Square Option		
1 Lighting Replacement: Linear Fixtures				\$56,960			
2 Lighting Replacement: Square Fixture					\$52,730		
3 Conduit Replacement				\$76,400	\$77,900		
4 Soft Costs (~25%)				\$37,986	\$37,275		
		Total		\$171,346	\$167,905		

Palatine Public Library | 2021 Estimate | Cost Model v1

August 27, 2021

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							1	1	1		
							Adjustments Factors				
Item	Component	Description	Units	Unit Cost	Quantity	Base Cost	Size	Quality/ Complex	Location	Cost	Group
Lighting Replacement: Linear Fixtures											\$171,346
2	Demolition	Selective Demolition	Ea	\$100.00	103	\$10,300.00	1	1	1	\$10,300	\$10,300
6	General Trades	Allowance: Patch & Repair & Ceilings	Alw	\$5,000.00	1	\$5,000.00	1	1	1	\$5,000	\$5,000
26	Lighting	F1: Linear 4 foot Lower Parking	EA	\$200.00	66	\$13,200.00	1	1	1	\$13,200	\$13,200
26	Lighting	F1: Linear 4 foot Upper Parking	EA	\$200.00	75	\$15,000.00	1	1	1	\$15,000	\$15,000
26	Lighting	Fixture Installation	EA	\$60.00	141	\$8,460.00	1	1	1	\$8,460	\$8,460
26	Lighting	3/4 inch Conduit Material & Installation	LF	\$15.00	3,600	\$54,000.00	1	1	1	\$54,000	\$54,000
26	Lighting	#8 (4 pair) Wire, Material & Installation	LF	\$5.60	4,000	\$22,400.00	1	1	1	\$22,400	\$22,400
26	Lighting	Lighting Controls	EA	\$5,000.00	1	\$5,000.00	1	1	1	\$5,000	\$5,000
	Subcontractor Total										\$133,360
	General Conditions		%		8%					\$10,669	\$144,029
	Contractor / GC OH&P		%		8%					\$11,522	\$155,551
	Permit			Allowance						\$3,000	\$158,551
	Insurance / Bonding		%		1%					\$1,586	\$160,137
	Contingency		%		7%					\$11,210	\$171,346

Palatine Public Library | 2021 Estimate | Cost Model v1

August 27, 2021

Each model is an opinion of probable cost. Many decisions regarding material selection, system development and project parameters have yet to be defined. Market conditions, as always, are beyond the control of the architect or estimator and will vary over time. No guarantee is given or implied that costs will not vary from these models. It is imperative that additional estimates are prepared as the project is developed to ensure conformance with project budgets.

							1	1	1		
							Adjustments Factors				
Item	Component	Description	Units	Unit Cost	Quantity	Base Cost	Size	Quality/ Complex	Location	Cost	Group
Lighting Replacement: Square Fixture											\$167,905
2	Demolition	Selective Demolition	Ea	\$100.00	103	\$10,300.00	1	1	1	\$10,300	\$10,300
6	General Trades	Allowance: Patch & Repair & Ceilings	Alw	\$5,000.00	1	\$5,000.00	1	1	1	\$5,000	\$5,000
26	Lighting	F2: Square Fixture foot Lower Parking	EA	\$170.00	66	\$11,220.00	1	1	1	\$11,220	\$11,220
26	Lighting	F2: Square Fixture Upper Parking	EA	\$170.00	75	\$12,750.00	1	1	1	\$12,750	\$12,750
26	Lighting	Fixture Installation	EA	\$60.00	141	\$8,460.00	1	1	1	\$8,460	\$8,460
26	Lighting	3/4 inch Conduit Material & Installation	LF	\$15.00	3,700	\$55,500.00	1	1	1	\$55,500	\$55,500
26	Lighting	#8 (4 pair) Wire, Material & Installation	CLF	\$5.60	4,000	\$22,400.00	1	1	1	\$22,400	\$22,400
26	Lighting	Lighting Controls	EA	\$5,000.00	1	\$5,000.00	1	1	1	\$5,000	\$5,000
	Subcontractor Total										\$130,630
	General Conditions		%		8%					\$10,450	\$141,080
	Contractor / GC OH&P		%		8%					\$11,286	\$152,367
	Permit			Allowance						\$3,000	\$155,367
	Insurance / Bonding		%		1%					\$1,554	\$156,921
	Contingency		%		7%					\$10,984	\$167,905

OPTION 1

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

Vaportite LED

4' Industrial LED Lamp
Vaportite Industrial Refrigerated Case

Typical Applications

Parking Garage • Cold Storage • Canopy • Warehouse • Food Processing • Manufacturing • Complex Environments

Interactive Menu

- Order Information page 2
- Photometric Data page 2
- Product Warranty

Product Certification



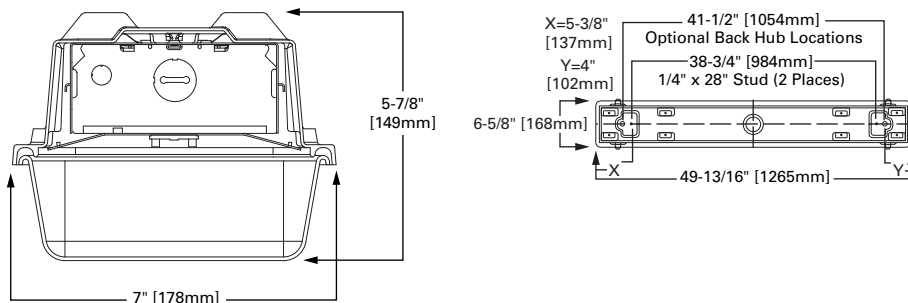
Product Features



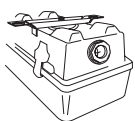
Top Product Features

- 2ft, 4ft, and 8ft Sealed and Gasketed Vaportite
- Lumen packages up to 22K lumens
- High-Performance efficacy up to 150 LPW
- LEDs available in 3500K, 4000K and 5000K at 80 CRI
- Rated for -40c to 35c ambient

Dimensional and Mounting Details



Installation Data



MOUNTING BRACKETS
Furnished
Two per 2' and 4' Unit
Four per 8' Unit



OPTIONAL CHAN HANGING SET
(VT2-CHAIN/SET-U)
Includes 6 ft. of chain, 4 large S-Hooks and 4 small S-Hooks
Order One (1) Kit for each 2' or 4' Fixture

FEATURES & SPECIFICATIONS

INTENDED USE — A general purpose and energy-efficient surface-mounted or suspended LED fixture, suitable for wet, damp and/or cold locations. For vapor-tight demanding environments where moisture or dust is a concern and where relatively low fixture mounting heights and wide fixture spacing are common. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the [FEX](#) product family. Typical applications include industrial facilities, parking garages, retail malls, multi-purpose rooms, garden centers, and food processing. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic/Polycarbonate Compatibility table for suitable use.](#)

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)

CONSTRUCTION — One-piece 5VA fiberglass housing with integral perimeter channel utilizing continuous poured-in-place NEMA 4X gasket. Approved as a wireway and for through wiring. Captive polymeric latches are standard. Stainless steel latches (#316) available as an option for food processing or more demanding applications.

Power connection is easily accomplished through pre-drilled holes. Fixture easily mounts to ceilings and other solid structures, or can be suspended with chain, cable or rod using stainless steel mounting brackets (included).

OPTICS — Injection molded, acrylic lens (.080" thick) provides high impact-resistance comparable to 100% DR. A UV stabilized polycarbonate diffuser is available (.080" thick) in clear or frosted for additional impact strength where vandal protection is desired.

Expected service life of 60,000 hours at 80% lumen maintenance (L80); predicted life of more than 100,000 hours.

ELECTRICAL — Utilizes high-efficiency LEDs mounted to core circuit boards. High-efficiency drivers operate 120-277 (MVOLT) and 347-480 (HVOLT) offered with 0-10 volt dimming. Standard Luminaire Surge Protection Level: 6kV/3kA Surge Rated per ANSI C82.77-5-2015.

INSTALLATION — Fixture can be surface, suspended or wall mounted. Pre-punched stainless steel mounting brackets are included (two per luminaire) for easy field-attachment of bolts, screws and other mounting hardware.

LISTINGS — CSA Certified to UL and C-UL Standards. Suitable for wet location. IP65, IP66, IP67 rated and certified to meet NSF Splash Zone 2. NEMA 4X rated. Sensors maintain IP65 and IP66 only. See chart on page 5 for Ambient Temperatures.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC 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

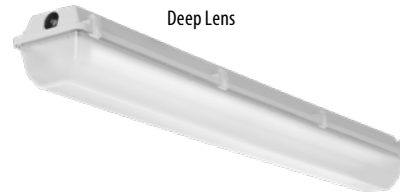
NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Stock configurations are offered for shorter lead times:

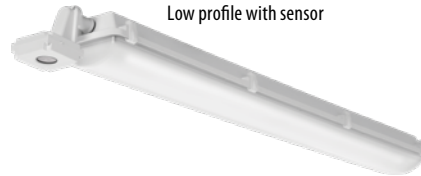
Standard Part Number	Stock Part Number
FEM L48 4000LM LPAFL MD MVOLT GZ10 40K 80CRI	FEM L48 4L MVOLT
FEM L48 4000LM LPAFL MD MVOLT GZ10 50K 80CRI	FEM L48 4L MVOLT 5K

Catalog Number	OPTION 2
Notes	
Type	

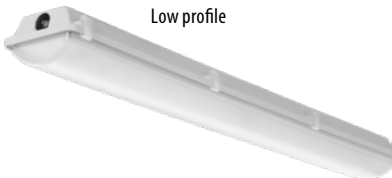
Low-Profile Enclosed and Gasketed Industrial



Deep Lens



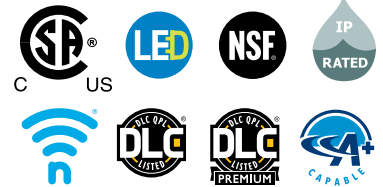
Low profile with sensor



Low profile

FEM LED

SURFACE/ SUSPENDED/WALL MOUNT



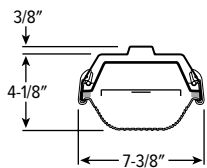
A+ Capable Luminaire

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® or XPoint™ Wireless control networks marked by a **shaded background***

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

*See ordering tree for details



Shown with PCFR or HIAFR diffuser

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Fully gasketed fixture resists dust, bugs, and moisture
- Standard stainless steel latches protect the fixture from corrosion in harsh environments
- Latches ensure a tight seal and provide easy access to electrical components.
- Tamper-resistant latches available
- Closed-cell polyurethane gasket poured and formed in place to ensure tight seal—does not absorb water or support fungal growth
- NSF/ANSI Standard 2—Splash Zone certified
- IP65, IP66, and IP67 certified
- Made Right Here® in the USA

SPECIFICATIONS

- ENCLOSURE – Outer housing consists of 5VA (f1) fiberglass, rated for flame and weather resistance.
- INTERNAL HOUSING – .050" aluminum.
- LATCHING – Stainless steel latches. Injection-molded polycarbonate latches available (not recommended for use in harsh environments, such as a car wash).
- REFLECTOR – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.
- SHIELDING – Frosted, ribbed, impact-resistant acrylic.
- ELECTRICAL – High quality mid-power LED board. L70 >50,000 hours. -20°C to 40°C maximum ambient operating temperature (restrictions apply, see Performance Data for details). -40°C minimum operating temperature with LA40 option.
- MOUNTING – Surface or suspended. Stainless steel ceiling mount brackets included.
- LISTINGS –
 - cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for dry or damp locations.
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
 - cETLus listed as suitable for wet locations when specified with watertight hub, STOW or SOOW cord, or mini-male receptacle option.
 - NSF/ANSI Standard 2—Splash Zone certified, IP65, IP66, and IP67 certified, and rated for NEMA 4X.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 96 - 4 - L62/830 - HIAFR - OPTIONS - DRV - UNV

ORDERING INFO

SERIES	LENGTH	LUMENS ⁽¹⁾	CRI	CCT	SHIELDING
96	2 2'	2'	8 80	30 3000K	HIAFR Frosted, ribbed, impact-resistant acrylic
	4 4'	L21 2,100lm		35 3500K	PCFR Frosted, ribbed, UV stabilized polycarbonate ⁽³⁾
	8 8' ⁽²⁾	L29 2,900lm		40 4000K	
		4'		50 5000K	
		L40 4,000lm			DFR Drop, frosted, impact-resistant acrylic
		L62 6,200lm			DCL Drop, clear, impact-resistant acrylic with frosted ends
		L81 8,100lm			
		L110 11,000lm			
		8'			
		L80 8,000lm			
		L130 13,000lm			
		L160 16,000lm			
		L220 22,000lm			

OPTIONS ⁽⁴⁾

(L____)	Additional lower lumen packages available. ⁽⁶⁾ Example: 4,100 nominal lumens = 96-4-L62/840-HIAFR-(L41).
EM/10W	10-watt emergency battery ⁽⁷⁾
EM/6WC	6-watt emergency, low temperature battery ⁽⁸⁾
LA40	-40°C minimum operating temperature
WET/1	(1) 1/2" watertight hub, side access ⁽⁹⁾
WET/2	(2) 1/2" watertight hubs, side access ⁽¹⁰⁾
WTT/1	(1) 1/2" watertight hub, back access ⁽¹¹⁾
WTT/2	(2) 1/2" watertight hub, back access ⁽¹²⁾
SSCMB	Stainless steel chain mounting brackets ⁽¹³⁾
PCL	Injection-molded polycarbonate latches ⁽¹⁴⁾
TP	Tamper-resistant screws ⁽¹⁵⁾
WMB	Stainless steel 45° wall mount bracket ⁽¹⁶⁾

CONTROL ⁽⁵⁾

DIM	Dimming driver	120 120V
DRV	Non-dimming driver	277 277V
		UNV 120-277V
		347 347V ⁽²⁰⁾

VOLTAGE

OCCUPANCY SENSORS ⁽¹⁷⁾

OCCWS HB350W-L3W-____	High Bay passive infrared 360° lens ⁽¹⁸⁾
OCCWS FSP-321B-L_-120-480	Factory-installed occupancy and daylight control, 120V–480V. ⁽¹⁹⁾

ACCESSORIES

TPTG TOOL Tamper-resistant tool for tri-grove screws. ⁽²¹⁾

NOTES

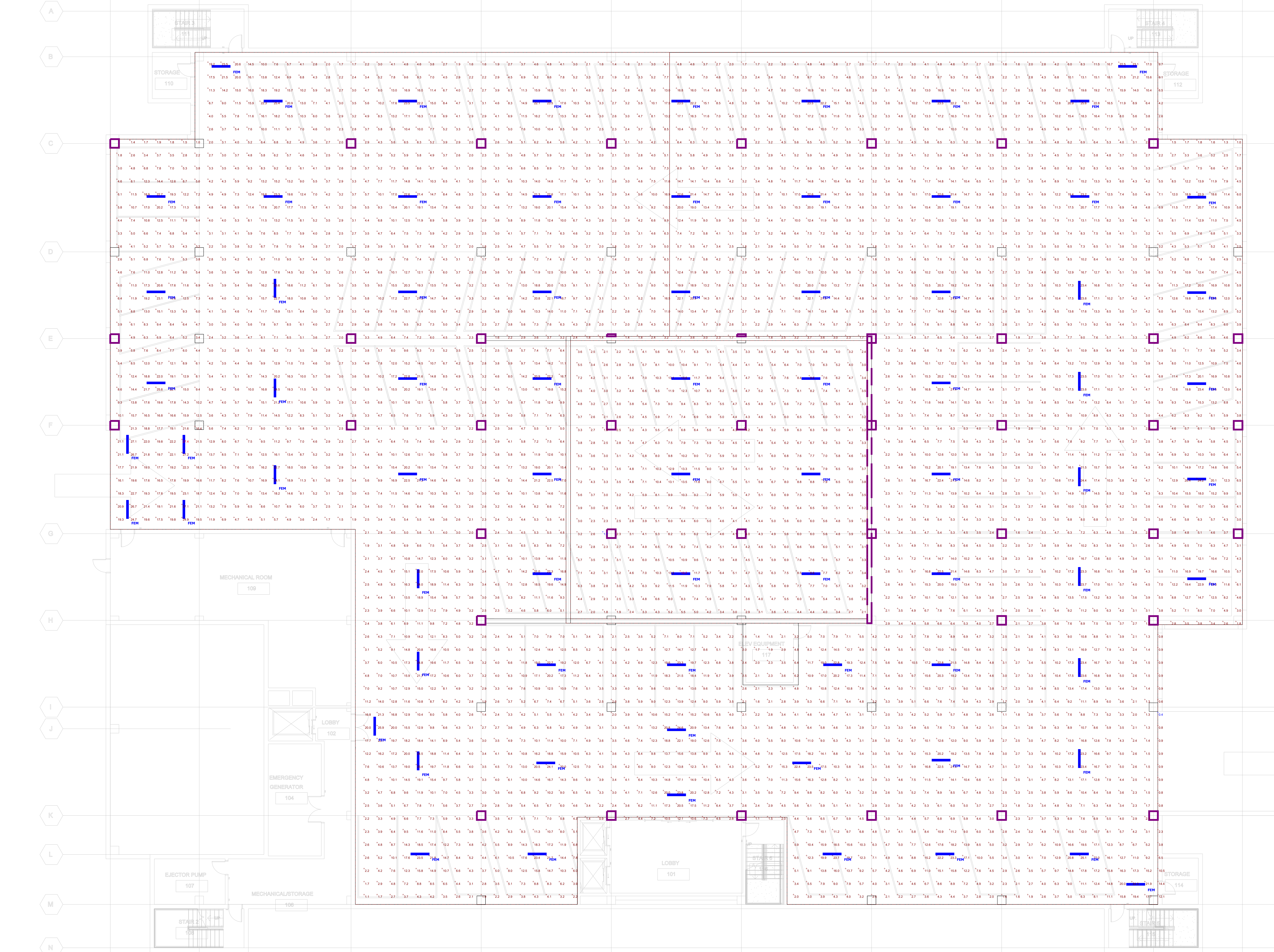
- Lumen output based on 4000 CCT and HIAFR shielding. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen package available, see options.
- Acrylic diffusers only.
- Not available with 8' units.
- Stainless steel latches required for applications with harsh chemicals. Cord and receptacle options available. See page 3 for CORD OPTIONS.
- See page 2 for ADDITIONAL CONTROL OPTIONS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with L110 or L220 lumen packages. 4' or 8' only. Temperature restrictions apply. See page 2 for FIXTURE PERFORMANCE DATA.
- Not available with L110 or L220 lumen packages. 4' or 8' only. Rated for -20°C to 25°C ambient temperature. Consult factory for availability.
- Factory-installed in end of housing.
- Factory-installed in ends of housing; not available with occupancy sensor option.
- 4' only, factory-installed in back of fixture.
- 4' only, factory-installed in back of fixture.
- 2 per fixture.
- Not recommended for use in harsh environments, such as a car wash.
- This option requires a tamper-resistant tool, see Accessories.
- 2 per fixture. See page 3 for MOUNTING DETAILS.
- Not available with IP66 or IP67 certification when specified with occupancy sensor.
- Factory-installed; must specify 120 or 277V.
- Must specify lens, L2 or L3. See page 4 for OCCUPANCY SENSOR DETAILS.
- Not available with EM drivers.
- Tamper-resistant tool must be ordered separately. Please specify quantity required per project.



Schedule											
Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lamp	Number of Lamps	Filename	Lumens per Lamp	Notes
	HEW		66	WILLIAMS INDOOR	96-4-LB1-840-HIARF-DIM-UV	2-56 LED 22"ARRAYS 4 VARIETTY LUMINAIRE WHITE FLAT REFLECTOR W/HIARK LENS EVENLINE LED DRIVER #915CCSSUNWTW-C @ 1029mA	(224) 3500K CCT, 80 CRI LEDS	224	WILLIAMS_96-4-LB1-840-HIARF-DIM-UV.dwg	8165	
	METALUX		66	COOPER LIGHTING SOLUTIONS - METALUX (FORMERLY EATON)	4V12-LDS-B-FR50-UNV-LB35-CD1-WL-U	METALUX V12 LED LUMINAIRE PROSTED LENS(15% DR HIGH IMPACT POSITIVE STANDARD DISTRIBUTION 4FT FIXTURE	(224) 3500K CCT, 80 CRI LEDS	224	4V12-LDS-B-FR50-UNV-LB35-CD1-WL-U.dwg	36	
	FEM		66	Lithonia Lighting	FEN L48 8000LM IMAR, HD, 80CRI 35K	FEM LED 48", 8,000 lumens, acrylic, linear ribbon frosted lens, medium distribution, 80 CRI, 3500 K	(224) 3500K CCT, 80 CRI LEDS	1	FEM_L48_8000LM_IMAR_HD.dwg	7093	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Lower level_FEM	+	7.5 fc	27.9 fc	0.4 fc	69.8:1	18.8:1
Lower level_LSBVTPLED	+	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
Lower level_METALUX	+	10.7 fc	34.3 fc	0.7 fc	49.0:1	15.3:1
Lower level_WILLIAMS_96LED	+	8.8 fc	33.8 fc	0.4 fc	84.5:1	22.0:1



Schedule																	
Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Lumen Multiple	LLF	Wattage	Efficiency	Distrib	Polar Plot	Notes
	HEW		75	WILLIAMS INDOOR	96-4-L81-840-HAFR- DIM-UNV	2-56 LED 22"ARRAYS 4"APART LUMINAIRE WHITE FLAT REFLECTOR w/HAFR LENS OVERLINE LED DRIVER #D1SCSUNVW-C @ 1029mA	(224) 3500K CCT, 80 CRI LEDs	1	Williams_96-4- L81-840-HAFR- DIM-UNV_ies	8165	1	8164.939	100%				
			75	COOPER LIGHTING SOLUTIONS - METALUX (FORMERLY EATON)	4V72-LD5-B-FR50-UNV- L835-CD1-WL-U	METALUX V72 LED LUMINAIRE FROSTED LENS/5% DR HIGH IMPACT ADDITIVE STANDARD DISTRIBUTION APT FIXTURE	(224) 3500K CCT, 80 CRI LEDs	224	4V72-LD5-B- FR50-UNV- L835-CD1-WL- Uies	36	1	36.26225	100%				
	METALUX		75	Lithonia Lighting	FEM L48 8000LM 35K MD, 80CRI 35K	FEM LED 48", 8,000 lumens, acrylic, linear ribbed frosted lens, medium distribution, 80 CRI, 3500 K	(224) 3500K CCT, 80 CRI LEDs	1	FEM_L48_8000 LM_35K_1ies	7093	1	7092.774	100%		DIRECT, SC 0=1.22, SC 90=1.22		
	FEM		75														

Statistics					
Description	Symbol	Avg	Max	Min	Max/Min Avg/Min
Ramp_FEM	+	5.6 fc	13.7 fc	1.7 fc	8.1:1 3.3:1
Ramp_LSBVTP LED	+	0.0 fc	0.0 fc	0.0 fc	N/A N/A
Ramp_METALUX	+	7.8 fc	17.0 fc	2.8 fc	6.1:1 2.8:1
Ramp_Williams_96led	+	6.5 fc	16.5 fc	1.9 fc	8.7:1 3.4:1
UPPER LEVEL_FEM	+	7.7 fc	27.4 fc	0.4 fc	68.5:1 19.3:1
UPPER LEVEL_LSBVTP LED	+	0.0 fc	0.0 fc	0.0 fc	N/A N/A
UPPER LEVEL_METALUX	+	10.9 fc	34.7 fc	0.9 fc	38.6:1 12.1:1
UPPER LEVEL_Williams_96led	+	9.0 fc	33.0 fc	0.5 fc	66.0:1 18.0:1

Room/Space	Est. Square Footage	Traffic	Time	Suggested Donation	Donor	Amount
Lobby	1461	High	10 years	\$ 50,000		
Café	720	High	5 years	\$ 25,000		
Early Literacy Area	500	High	5 years	\$ 25,000		
Elementary Learning Space	412	High	10 years	\$ 25,000		
Quiet Reading Room	980	Medium	10 years	\$ 15,000		
Storytime Room A	500	Medium	10 years	\$ 10,000		
Storytime Room B	1000	Medium	10 years	\$ 10,000	Westhoff & Spillman Families	\$10,000
Board Room	600	Low	10 years	\$ 10,000		
Meeting Room 1	1800	Medium	10 years	\$ 50,000		
Meeting Room 2	600	Medium	10 years	\$ 25,000		
Meeting Room 3	340	Medium	10 years	\$ 10,000		
Teen Gaming	292	Medium	5 years	\$ 5,000		
Teen Room	618	Medium	5 years	\$ 5,000		
Total Teen Space	2123	Medium	5 years	\$ 8,000	Palatine Bank & Trust	\$10,000
Makerspace Classroom	1440	Medium	5 years	\$ 15,000		
Digital Media Studio 1	180	Low	5 years	\$ 5,000		
Digital Media Studio 2	235	Low	5 years	\$ 5,000		
Total Makerspace Zone	3000	High	10 years	\$ 30,000		
Study Rooms	32-210	Low	5 years	\$ 5,000		
SR 1A (existing 101)		Low	5 years	\$ 5,000		
SR 1B (existing 102)		Low	5 years	\$ 5,000		
SR 1C (collab)	162	Low	5 years	\$ 5,000		
SR 1D (collab)	162	Low	5 years	\$ 5,000		
SR 1E (collab)	162	Low	5 years	\$ 5,000		
SR 2A (existing 201)		Low	5 years	\$ 5,000	Ruth Patterson	\$5,000
SR 2B (existing 203)		Low	5 years	\$ 5,000	Ruth Patterson	\$5,000
SR 2C (existing 204)		Low	5 years	\$ 5,000		
SR 2D (existing 205)		Low	5 years	\$ 5,000		
SR 2E		Low	5 years	\$ 5,000		
SR 2F		Low	5 years	\$ 5,000		
SR 2G (single)	32	Low	5 years	\$ 5,000		
SR 2H (single)	32	Low	5 years	\$ 5,000		
SR 2I		Low	5 years	\$ 5,000		
SR 2J		Low	5 years	\$ 5,000		
SR 2K (largest)	210	Low	5 years	\$ 5,000		
Nursing/Sensory Room	72	Low	5 years	\$ 5,000		
GOAL				\$ 373,000	PLEDGED	\$30,000