Halton District School Board **Addendum No. 2**
RFT 25-061 School Renovation Project - Paul A Fisher PS

The following, issued by the Halton District School Board (HDSB) June 17, 2025, shall be incorporated in the specifications and shall form part of the proposal document for the above.

ATTACHED

1. Bidders are to reference the attached document as drafted by Hossack Architecture (10 pages) which provides responses to some vendor questions and additional information.

   The HDSB will issue another addendum to address any outstanding questions in the coming days.

RECEIPT OF ADDENDA MUST BE ACKNOWLEDGED ON THE FORM OF QUOTATION.

PAGE 1 OF 11
END OF ADDENDUM 2

RFT 25-061 Paul A. Fisher PS Renovations

PROJECT NO. 24131
HOSSACK ARCHITECTURE

ADDENDUM NO. 2 **Issued June 17, 2025**

The following additions, deletions, modifications and clarifications issued herein are hereby an integral part of the Tender and Contract Documents. Minor Typographic or spelling mistakes in the Contract Documents which do not significantly affect the meaning of the sentence or phrase in which they occur may not necessarily be corrected by Addenda.

GENERAL

1. Ensure that all parties submitting bids are aware of this **Addendum No. 2** and its contents.
2. **Contents** of **Addendum No. 2** – in its entirety consists of the following:
   - .1 Four (4) typed pages of instructions.
   - .2 Six (6) pages of Light Fixture Spec Sheets.

CLARIFICATIONS

.1 The original Building was constructed in 1974. Original Building Drawings can be downloaded for reference purposes from this dropbox link:
https://www.dropbox.com/scl/fo/waiwkm1hz8mlk01t2j44m/AG2kwpULRqY5Okf0NugSt0w?rlkey=t6vx9tr4u0b7sdyftb9avwv7n&st=81neuf48&dl=0

.2 Cut Sheets of existing Light Fixture Type A1 and B1 which are to be removed and reinstalled are attached.

QUESTIONS & ANSWERS

QUESTION 1: Please confirm if the security, communication and or Aiphone scope of work is to be carried by the Contractor or is by the School Board?
ANSWER 1: (RDZ Response) By contractor per contract.

QUESTION 2: Is Thermography Testing required? Is it identified in the specification but not sure it is required.
ANSWER 2: (RDZ Response) It is required per contract.

QUESTION 3: Is Seismic a requirement for division 26?
ANSWER 3: (Kalos & RDZ Response) Yes, as per the Seismic Sway Bracing note on sheet S0.0 of the structural drawings, seismic sway bracing is required.

QUESTION 4: Type A1 and B1 are existing fixtures and are being removed, stored and re-installed. Can we be provided with the specification for the existing fixtures to know if they are LED? Do all fixtures that are being reinstalled need to be re-lamped? Do all fixtures that are being reinstalled need to be cleaned?
ANSWER 4: (HAA Response) Cut Sheets of the existing fixtures are attached. The existing fixtures are LED. Light Fixtures to be re-installed must be cleaned & tested to ensure they are in working condition prior to re-installation per contract. Relamping is not part of the base bid but any lights damaged during removal/storage/reinstallation will need to be repaired and/or replaced as needed, as part of the contract price

QUESTION 5: Is it to be assumed that all wiring from existing to remain electrical panels are in working order and no rewiring is required, other than to splice / refeed them. Are they to be included in the coordination study?

ANSWER 5: (RDZ Response) - Per contract, the coordination study shall be for the entire power distribution including both existing and new panels. All existing panels & distribution fed from the existing switchboard are in working order. Hence, as part of this contract, the scope of work is to introduce new main switchboard, and provide new feeder and splice with the existing distribution.

QUESTION 6: E002, Detail #4 – Confirm if there are any cord reels required. We do not see them on the drawings but there is a detail.

ANSWER 6: (RDZ Response) RDZ - Not required as none are shown on floor plan.

QUESTION 7: Drawing E100, note #5 – In lieu of scanning, saw cutting and hand digging the secondary within the existing electrical room, are we permitted to transition from underground to PVC vertically on the exterior of the building and EMT once inside? We propose protecting the exterior PVC conduit with a metal shroud.

ANSWER 7: (RDZ Response) Proposed option is only acceptable if 3 ft clearance can be maintained from the existing Gas meter on site. Contractor to verify on site. utilize rigid PVC for transition.

QUESTION 8: Drawing E100, note #7 – Confirm that the complete removal of the secondary feeds is required? This is not practical as the cables currently installed have been there for a long time. There is no advantage to having them removed if they are direct buried cables and properly disconnected and sealed with rubber tape etc at both ends.

ANSWER 8: (RDZ Response) Remove secondary cable per contract if in duct bank. If direct buried, proceed with disconnect, sealed with rubber tape on both end and abandon it.

QUESTION 9: Drawing E302 + E500: Is there currently fire alarm wiring going to the portables and if so, are we to reuse the existing wiring from the building to the portables? Are we to reuse all fire alarm wiring within the portables? If new wiring is required, how is this to be installed from the building to the portables.

ANSWER 9: (RDZ Response) There are existing fire alarm device in the portable. Contractor shall utilize the existing routing infrastructure to the portable unit for the new fire alarm system with new wiring. As part of this contract, the entire existing fire alarm system shall be removed complete with associated conduit and wiring, and new fire alarm system shall be provided with new conduit & wiring.

QUESTION 10: AD642 notes the tall cabinet door as a Plastic laminate on 19mm particle board however this door looks to be drawn as a 35mm thick solid core door. Please confirm what type of door these tall cabinets require?

ANSWER 10: Change note on AD642 to read: “Plastic laminate on 35mm Solid Core Door” to match Tall Teacher’s cabinets.

QUESTION 11: All cabinets on the AD detail drawings are drawn showing locks, however all elevations across the architectural drawings do not show locks. Please confirm which cabinets require locks, if any?

ANSWER 11: Follow AD details and provide locks on all millwork cabinetry including: cupboards, doors, drawers and display cases.

ADDENDUM NO. 2 **Issued June 17, 2025**

QUESTION 12: Does AD615 exist in this project? If so, please note that AWMAC requires countertop supports every 44" What type of support is acceptable at this location, please provide a bracket hardware product #?

ANSWER 12: AD615 OSR Cabinet Countertop is in General Office 127. This countertop will be installed on top of a series of owner supplied filing cabinets. Support bracket is not required.

QUESTION 13: Please provide a product number that will accommodate the specified 8mm sliding glass doors at the display case.

ANSWER 13: See AD 680A & 680B for Display Case Details. Display case details also specified in 06 40 00 Architectural Wordwork Specification 2.5.7. & 2.15 and in 08 80 50 Glazing Specification 2.1.14.

QUESTION 14: Section 06 40 00, 2.5.10 - Are safety release hooks used in this project - as there doesn't look like there are any new childcare/kindergarten cubbies? Also confirm no bench support brackets are required by millwork as there don't seem to be new benches added to this tender.

ANSWER 14: All new hooks in New UTR & other New Washrooms should be Safety Release Type. The project does not include any new Millwork Benches only a fold-down bench for the new Shower in the UTR

QUESTION 15: Section 06 40 00, 2.6.2 & 2.6.3 note all cabinets are melamine w/ PVC edging, 2.6.9 notes shelves are birch plywood with solid birch edge. However Section 06 40 00, 2.7 note plastic laminate on plywood cabinetwork.

ANSWER 15: 06 40 00 Architectural Millwork Specification

- Section **2.6 Melamine Clad Cabinetwork** starts with the statement, "*Casework shall be melamine clad unless otherwise specified within this section and/or AD Drawings*." If other section note a different assembly than those sections are to be followed.
- Section **2.7 Plastic Laminate on Plywood cabinetwork** starts with the statement, "Refer to AD Drawings (binder A) for locations." This section is to be followed for all Millwork detailed in the AD Drawings.

QUESTION 16: Please confirm which cabinets are required to be laminate. The AD drawings only note the front control panel and tall cabinet doors as laminate, no cabinets.

ANSWER 16: As per Answer 16 all Millwork detailed in the AD Drawings is to follow Section 2.7 Plastic Laminate on Plywood cabinetwork.

QUESTION 17: Which rooms require ISP signs, reference section 06 40 00, 2.12?

ANSWER 17: All Interior Signage will be part of the Project Cash Allowance.

QUESTION 18: Detail 2/A07 -
a. Typical Mechanical Bulkhead - Section Detail - we feel that the 25 ga stud would insufficient bending strength for spans ranging from 2ft. - 7ft. and should be enhanced to 20 ga.
b. Studs hanging from OWSJ, assuming @ 5ft. o/c would also not have sufficient bending strength and should be upgraded to 20 ga.
Please advise if this can be changed in our proposal

ANSWER 18: (Kalos Response) The steel in the bulkhead will be revised to 90 mm 20 gauge studs. Detail 2/A07 will be updated in a follow up Addendum #3.

PROJECT NO. 24131
HOSSACK ARCHITECTURE

ADDENDUM NO. 2 **Issued June 17, 2025**

AMENDMENTS TO SPECIFICATIONS – BINDER A

Item 1: Section 06 40 00 Architectural Millwork

.1 REVISE 2.7 to read: "Plastic laminate on Plywood cabinetwork referred to in AD Drawings (binder A) for locations.

Item 2: Section 09 68 00 Carpeting

.1 REPLACE 2.2.12, 2.2.13, 2.2.14 AND 2.2.15 with the following list:
2.2.12 Mohawk Prosigns (24"x24")
2.2.13 Mohawk Sabbatical (12"x36")
2.2.14 Mohawk Rise Up (24"x24")
2.2.15 Mohawk Swipe Right (24"x24")

Item 3: AD 642 Tall Cabinet

.1 REVISE note on door to read: "Plastic laminate on 35mm Solid Core Door".

End of Addendum No. 2

Submitted by Gross Sales Ltd

GS Lighting
A division

Job Name:
Paul A Fisher PS Lighting Renewal
Engineer: SURI & ASSOCIATES LTD
Distributor: REXEL - WESTBURNE - KIT (KITCHENER)

Catalog Number:
LACH3-24G-40-40K-125-MV

Notes:

Type:
Paul A. Fisher
Type A1

GROSS23-18163

LACH

Latches . Cam . Hook

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX SERIES

GENERAL DESCRIPTION

LED luminaire for **recessed** installation. Durable shielding with a #12 clear prismatic acrylic diffuser supplied as standard. Rigid one-piece body constructed from code gauge steel. Cam latch release opens frame for easy servicing while retaining hook prevents the hinged frame from disengaging accidentally when opened. Lens is held within a hinged steel frame. No visible hardware. Plaster frame kit available, consult factory. Ideal for commercial environments.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable for damp locations. IC RATED.

*LED Five (5) year limited warranty. *****Complies with Buy American Act.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.
Specifications are subject to change. Please confirm latest specifications prior to placing order. ****up to 50W on 1'x4' and 2'x2', 100W on 2'x4'.

PERFORMANCE SUMMARY 8FT X 4FT AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
4200	40	105

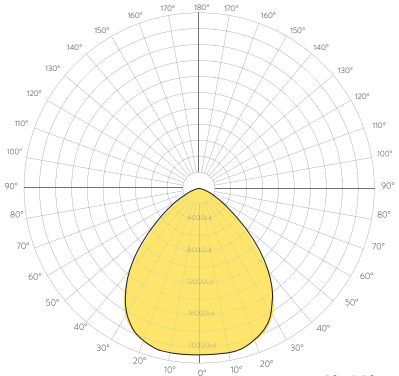
PERFORMANCE SUMMARY 8FT X 8FT AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
8400	80	105

PERFORMANCE SUMMARY 12FT AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
6000	55	109

PHOTOMETRIC DATA



LACH-612G-42-35K

0°-180°
90°-270°

DIMENSIONS - METRIC

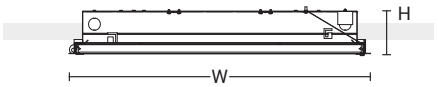
SIZE	L	W	H
312G	1200mm	300mm	83mm
600G	600mm	600mm	83mm
612G	600mm	1200mm	83mm

DIMENSIONS - IMPERIAL

SIZE	L	W	H
14G	4'	1'	3.25"'
22G	2'	2'	3.25"'
24G	2'	4'	3.25"'

*other sizes available, consult factory

MOUNTING / CROSS SECTION



RECESSED

ORDERING INFORMATION

LACH

FIXTURE	STYLE	SIZE* T-bar Ceiling:	LUMENS	CCT	SHIELDING	CONTROLS *OPTIONAL*	DRIVER
LACH = Latches. Cam. Hook	**3** = Static Troffer **3A** = Air Handling Troffer	**14G** = 1' x 4' **22G** = 2' x 2' **312G** = 300mm x 1200mm **600G** = 600mm x 600mm	**30** = 3000lm **32** = 3200lm **35** = 3500lm **40** = 4000lm **46** = 4600lm	**30K** = 3000K **35K** = 3500K **40K** = 4000K **50K** = 5000K **TW** = Tunable White *Other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory	**12** = Clear Prismatic Acrylic **12F** = Frosted Prismatic Acrylic **FA** = Flat Frosted Acrylic **FOA** = Flat Opal Acrylic **12P** = Clear Prismatic Polycarbonate 0.125in THK **125** = Clear Prismatic Acrylic 0.125in THK	**OC** = On / Off Occupancy Control **O5** = 100% - 50% Hi / Low Occupancy Control *Click here for suggested control options*	**MV** = Standard 120V-277V 1% Dimming (0-10V) **347** = Standard 347V Dimming (0-10V) **EM** = Emergency Driver **X** = DALI, Lutron EcoSystem LED, and other drivers available, consult factory
		24G = 2' x 4' **612G** = 600mm x 1200mm	**40** = 4000lm **48** = 4800lm **64** = 6400lm **82** = 8200lm **90** = 9000lm **100** = 10000lm				

*other sizes on request

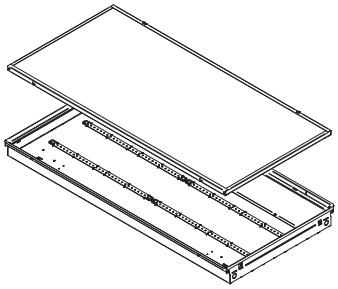
LACH

Latches . Cam . Hook

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX SERIES



SHIELDING

Durable shielding with a #12 clear prismatic acrylic diffuser supplied as standard. Other shielding options available.

CONSTRUCTION

Rigid one-piece body constructed from code gauge steel. Cam latch release opens frame for easy servicing while retaining hook prevents the hinged frame from disengaging accidentally when opened. Lens is held within a hinged steel frame. No visible hardware.

FINISH

Standard finish is high gloss white polyester baked powder coat enamel. Custom colours available, consult factory.
Glossy / Matte / Custom Colours

LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector.

LED DRIVER

1% Dimming (0-10V). Emergency driver available. DALI (Digital Addressable Lighting Interface), Lutron EcoSystem LED, and other drivers available, consult factory.

ELECTRICAL

3000K | 3500K | 4000K | 5000K

120V - 277V | 347V

*TW (Tunable White), other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory.
L80 performance at 60,000 hours minimum.
80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable for damp locations. IC RATED.

*LED Five (5) year limited warranty. *****Complies with Buy American Act.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.
****up to 50W on 1'x4' and 2'x2', 100W on 2'x4'.

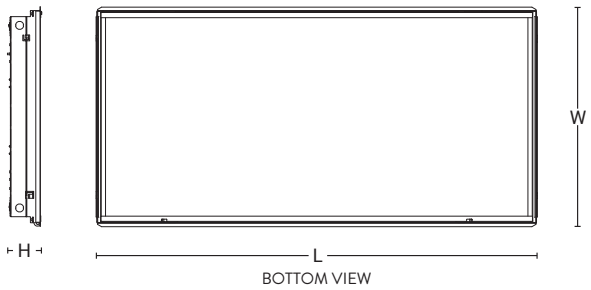
DIMENSIONS - METRIC

SIZE	L	W	H
312G	1200mm	300mm	83mm
600G	600mm	600mm	83mm
612G	600mm	1200mm	83mm

DIMENSIONS - IMPERIAL

SIZE	L	W	H
14G	4'	1'	3.25""
22G	2'	2'	3.25""
24G	2'	4'	3.25""

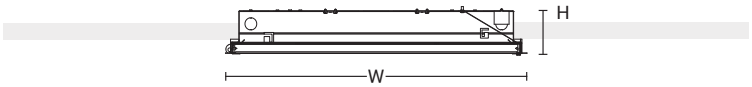
*other sizes available, consult factory



BOTTOM VIEW

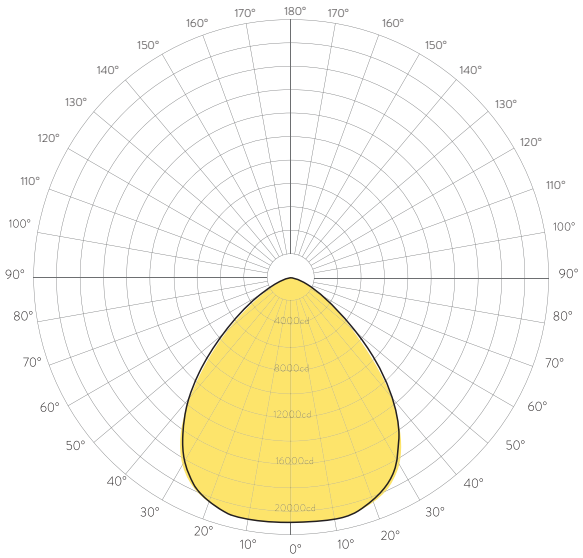
MOUNTING / CROSS SECTION

Recessed installation.



RECESSED

PHOTOMETRIC DATA



LACH-612G-42-35K

0°-180°
90°-270°

LACH

Latches . Cam . Hook

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX SERIES

WATTAGE & EFFICACY - 312G

LACH-312G-30-30K-12	3000lm	3000K	27W	113lm/W
LACH-312G-30-35K-12	3000lm	3500K	27W	115lm/W
LACH-312G-30-40K-12	3000lm	4000K	25W	119lm/W
LACH-312G-30-50K-12	3000lm	5000K	25W	121lm/W
LACH-312G-32-30K-12	3200lm	3000K	29W	112lm/W
LACH-312G-32-35K-12	3200lm	3500K	28W	114lm/W
LACH-312G-32-40K-12	3200lm	4000K	27W	119lm/W
LACH-312G-32-50K-12	3200lm	5000K	27W	121lm/W
LACH-312G-35-30K-12	3500lm	3000K	30W	108lm/W
LACH-312G-35-35K-12	3500lm	3500K	30W	110lm/W
LACH-312G-35-40K-12	3500lm	4000K	30W	114lm/W
LACH-312G-35-50K-12	3500lm	5000K	29W	118lm/W
LACH-312G-40-30K-12	4000lm	3000K	34W	119lm/W
LACH-312G-40-35K-12	4000lm	3500K	34W	121lm/W
LACH-312G-40-40K-12	4000lm	4000K	33W	124lm/W
LACH-312G-40-50K-12	4000lm	5000K	32W	129lm/W
LACH-312G-46-30K-12	4600lm	3000K	40W	118lm/W
LACH-312G-46-35K-12	4600lm	3500K	39W	119lm/W
LACH-312G-46-40K-12	4600lm	4000K	37W	125lm/W
LACH-312G-46-50K-12	4600lm	5000K	37W	127lm/W

WATTAGE & EFFICACY - 600G

LACH-600G-30-30K-12	3000lm	3000K	29W	105lm/W
LACH-600G-30-35K-12	3000lm	3500K	29W	106lm/W
LACH-600G-30-40K-12	3000lm	4000K	28W	111lm/W
LACH-600G-30-50K-12	3000lm	5000K	27W	115lm/W
LACH-600G-32-30K-12	3200lm	3000K	30W	107lm/W
LACH-600G-32-35K-12	3200lm	3500K	30W	109lm/W
LACH-600G-32-40K-12	3200lm	4000K	29W	113lm/W
LACH-600G-32-50K-12	3200lm	5000K	28W	117lm/W
LACH-600G-35-30K-12	3500lm	3000K	34W	104lm/W
LACH-600G-35-35K-12	3500lm	3500K	33W	106lm/W
LACH-600G-35-40K-12	3500lm	4000K	32W	110lm/W
LACH-600G-35-50K-12	3500lm	5000K	31W	115lm/W
LACH-600G-40-30K-12	4000lm	3000K	35W	117lm/W
LACH-600G-40-35K-12	4000lm	3500K	34W	119lm/W
LACH-600G-40-40K-12	4000lm	4000K	33W	124lm/W
LACH-600G-40-50K-12	4000lm	5000K	32W	125lm/W
LACH-600G-46-30K-12	4600lm	3000K	40W	115lm/W
LACH-600G-46-35K-12	4600lm	3500K	40W	116lm/W
LACH-600G-46-40K-12	4600lm	4000K	38W	121lm/W
LACH-600G-46-50K-12	4600lm	5000K	38W	123lm/W

WATTAGE & EFFICACY - 612G

LACH-612G-40-30K-12	4000lm	3000K	34W	118lm/W
LACH-612G-40-35K-12	4000lm	3500K	34W	120lm/W
LACH-612G-40-40K-12	4000lm	4000K	32W	125lm/W
LACH-612G-40-50K-12	4000lm	5000K	32W	127lm/W
LACH-612G-48-30K-12	4800lm	3000K	41W	117lm/W
LACH-612G-48-35K-12	4800lm	3500K	41W	119lm/W
LACH-612G-48-40K-12	4800lm	4000K	39W	125lm/W
LACH-612G-48-50K-12	4800lm	5000K	38W	126lm/W
LACH-612G-64-30K-12	6400lm	3000K	57W	113lm/W
LACH-612G-64-35K-12	6400lm	3500K	56W	114lm/W
LACH-612G-64-40K-12	6400lm	4000K	53W	120lm/W
LACH-612G-64-50K-12	6400lm	5000K	53W	121lm/W

WATTAGE & EFFICACY - 612G

LACH-612G-82-30K-12	8200lm	3000K	68W	120lm/W
LACH-612G-82-35K-12	8200lm	3500K	68W	122lm/W
LACH-612G-82-40K-12	8200lm	4000K	65W	128lm/W
LACH-612G-82-50K-12	8200lm	5000K	64W	129lm/W
LACH-612G-90-30K-12	9000lm	3000K	77W	118lm/W
LACH-612G-90-35K-12	9000lm	3500K	76W	119lm/W
LACH-612G-90-40K-12	9000lm	4000K	72W	125lm/W
LACH-612G-90-50K-12	9000lm	5000K	71W	127lm/W
LACH-612G-100-30K-12	10000lm	3000K	84W	119lm/W
LACH-612G-100-35K-12	10000lm	3500K	83W	122lm/W
LACH-612G-100-40K-12	10000lm	4000K	80W	125lm/W
LACH-612G-100-50K-12	10000lm	5000K	78W	130lm/W

Submitted by Gross Sales Ltd

GS Lighting
A division of

Job Name:
Paul A Fisher PS Lighting Renewal
Engineer: SURI & ASSOCIATES LTD
Distributor: REXEL - WESTBURNE - KIT (KITCHENER)

Catalog Number:
LOPA-11-4-60-40K-AC-MV

Notes:

Type:
Paul A. Fisher
Type B1

GROSS23-18163

LOPA-11

LOPA . 11" width

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX SERIES

GENERAL DESCRIPTION

LED luminaire for **surface** installation with mounting brackets or **suspended** installation with field adjustable aircraft cables or v-links for mounting chain. Clear or frosted acrylic wrap-around lens, optional wireguard with clear prismaticacrylic lens. Rigid one-piece body constructed from code gauge steel. Ideal for various commercial environments. Row mounting available, consult factory.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable for damp locations.

Intertek 5 YEAR WARRANTY * DLC *** BAA ****

*LED Five (5) year limited warranty. ****Complies with Buy American Act.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.
Specifications are subject to change. Please confirm latest specifications prior to placing order.

PERFORMANCE SUMMARY 2FT AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
4200	40	105

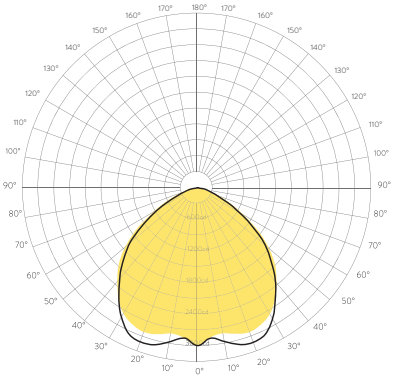
PERFORMANCE SUMMARY 4FT AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
8400	80	105

PERFORMANCE SUMMARY 8FT AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
6000	55	109

PHOTOMETRIC DATA



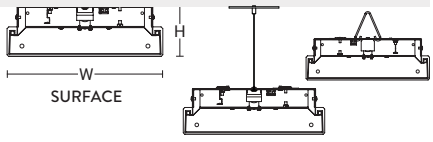
LOPA-11-4-60-40K

0°-180°
90°-270°

DIMENSIONS

SIZE	L	W	H
2FT	24.00"	11.10"	3.75"
4FT	48.00"	11.10"	3.75"
8FT	96.00"	11.10"	3.75"

MOUNTING / CROSS SECTION



SUSPENDED
(field adjustable aircraft cables or v-links for mounting chain)

ORDERING INFORMATION

LOPA	11							
FIXTURE	WIDTH	LENGTH	LUMENS	CCT	SHEILDING	CONTROLS *OPTIONAL*	POWER CORD *OPTIONAL*	DRIVER
LOPA	11 = 11"	2 = 2ft	26 = 2600lm	30K = 3000K	AC = Clear Prismatic Acrylic Wrap Around Lens	OC = On / Off Occupancy Control	C1 = Cord 5ft	MV = Standard 120V-277V 1% Dimming (0-10V)
				35K = 3500K			C2 = Cord 6ft	
		4 = 4ft	34 = 3400lm	40K = 4000K	ACF = Frosted Prismatic Acrylic Wrap Around Lens	O5 = 100% - 50% Hi / Low Occupancy Control	C3 = Cord 8ft	347 = Standard 347V Dimming (0-10V)
			40 = 4000lm	50K = 5000K			C4 = Cord 9ft	
			48 = 4800lm	TW = Tunable White	WG12 = Wireguard & Clear Prismatic Acrylic Lens	Click here for suggested control options	C5 = Cord 10ft	EM = Emergency Driver
			60 = 6000lm	*Other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory			C6 = Cord 12ft	X = DALI, Lutron EcoSystem LED, and other drivers available, consult factory
		8 = 8ft	60 = 6000lm					
			80 = 8000lm					
			120 = 12000lm					

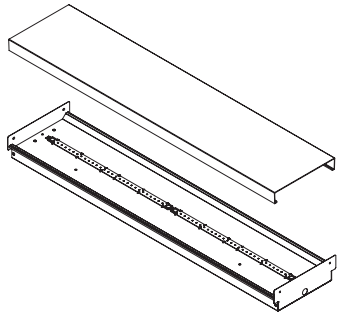
LOPA-11

LOPA . 11" width

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX SERIES



SHIELDING

Clear or frosted acrylic wrap-around lens.
Optional wireguard with clear prismaticacrylic lens.

CONSTRUCTION

Rigid one-piece body constructed from code gauge steel.

FINISH

Standard finish is high gloss white polyester baked powder coat enamel. Custom colours available, consult factory.
Glossy / Matte / Custom Colours

LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector.

LED DRIVER

1% Dimming (0-10V). Emergency driver available. DALI (Digital Addressable Lighting Interface), Lutron EcoSystem LED, and other drivers available, consult factory.

ELECTRICAL

3000K | 3500K | 4000K | 5000K

120V - 277V | 347V

*TW (Tunable White), other CCT, RGB (Red, Green, Blue LEDs), DM (dim to warm) available, consult factory.
L80 performance at 60,000 hours minimum.
80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

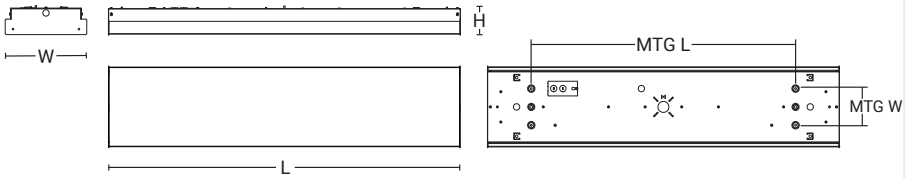
CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable for damp locations.

*LED Five (5) year limited warranty. ****Complies with Buy American Act.
**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.
***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.

DIMENSIONS

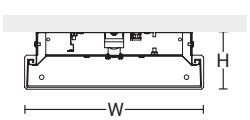
SIZE	L	W	H	MTG L	MTG W
2FT	24.00"	11.10"	3.75"	18.00"	5.00"
4FT	48.00"	11.10"	3.75"	36.00"	5.00"
8FT	96.00"	11.10"	3.75"	84.00"	5.00"



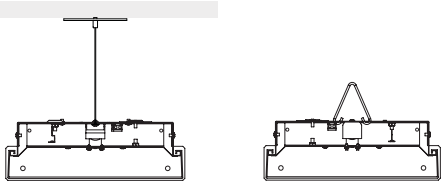
BOTTOM VIEW TOP VIEW

MOUNTING / CROSS SECTION

Surface installation with mounting brackets or **suspended** installation with field adjustable aircraft cables or v-links for mounting chain.

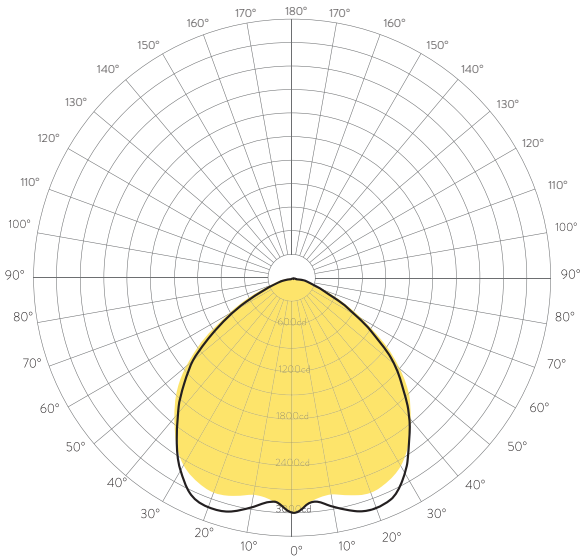


SURFACE



SUSPENDED
(field adjustable aircraft cables or v-links for mounting chain)

PHOTOMETRIC DATA



LOPA-11-4-60-40K

0°-180°
90°-270°

LOPA-11

LOPA . 11" width

PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

PEERLUX SERIES

WATTAGE & EFFICACY - 2FT

LOPA-11-2-26-35K-AC-MV	2600lm	3500K	23W	115lm/W
LOPA-11-2-26-40K-AC-MV	2600lm	4000K	22W	120lm/W
LOPA-11-2-26-50K-AC-MV	2600lm	5000K	22W	121lm/W

WATTAGE & EFFICACY - 4FT

LOPA-11-4-34-35K-AC-MV	3400lm	3500K	30W	112lm/W
LOPA-11-4-34-40K-AC-MV	3400lm	4000K	30W	115lm/W
LOPA-11-4-34-50K-AC-MV	3400lm	5000K	29W	120lm/W
LOPA-11-4-40-35K-AC-MV	4000lm	3500K	33W	122lm/W
LOPA-11-4-40-40K-AC-MV	4000lm	4000K	32W	126lm/W
LOPA-11-4-40-50K-AC-MV	4000lm	5000K	31W	131lm/W
LOPA-11-4-60-35K-AC-MV	6000lm	3500K	53W	114lm/W
LOPA-11-4-60-40K-AC-MV	6000lm	4000K	51W	118lm/W
LOPA-11-4-60-50K-AC-MV	6000lm	5000K	50W	122lm/W
LOPA-11-4-34-35K-ACF-MV	3400lm	3500K	29W	120lm/W
LOPA-11-4-34-40K-ACF-MV	3400lm	4000K	28W	125lm/W
LOPA-11-4-34-50K-ACF-MV	3400lm	5000K	27W	126lm/W
LOPA-11-4-40-35K-ACF-MV	4000lm	3500K	32W	121lm/W
LOPA-11-4-40-40K-ACF-MV	4000lm	4000K	32W	126lm/W
LOPA-11-4-40-50K-ACF-MV	4000lm	5000K	31W	128lm/W
LOPA-11-4-60-35K-ACF-MV	6000lm	3500K	54W	112lm/W
LOPA-11-4-60-40K-ACF-MV	6000lm	4000K	51W	117lm/W
LOPA-11-4-60-50K-ACF-MV	6000lm	5000K	50W	121lm/W

WATTAGE & EFFICACY - 8FT

LOPA-11-8-60-35K-AC-MV	6000lm	3500K	51W	118lm/W
LOPA-11-8-60-40K-AC-MV	6000lm	4000K	49W	123lm/W
LOPA-11-8-60-50K-AC-MV	6000lm	5000K	48W	127lm/W
LOPA-11-8-80-35K-AC-MV	8000lm	3500K	64W	124lm/W
LOPA-11-8-80-40K-AC-MV	8000lm	4000K	62W	129lm/W
LOPA-11-8-80-50K-AC-MV	8000lm	5000K	60W	134lm/W
LOPA-11-8-120-35K-AC-MV	12000lm	3500K	106W	113lm/W
LOPA-11-8-120-40K-AC-MV	12000lm	4000K	102W	118lm/W
LOPA-11-8-120-50K-AC-MV	12000lm	5000K	99W	123lm/W
LOPA-11-8-60-35K-ACF-MV	6000lm	3500K	73W	111lm/W
LOPA-11-8-60-40K-ACF-MV	6000lm	4000K	70W	115lm/W
LOPA-11-8-60-50K-ACF-MV	6000lm	5000K	68W	119lm/W