

**Job Name:**

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

4SNLED-LD5-34SL-LN-UNV-EL14W-
L840-CD1-U CSC-48-B

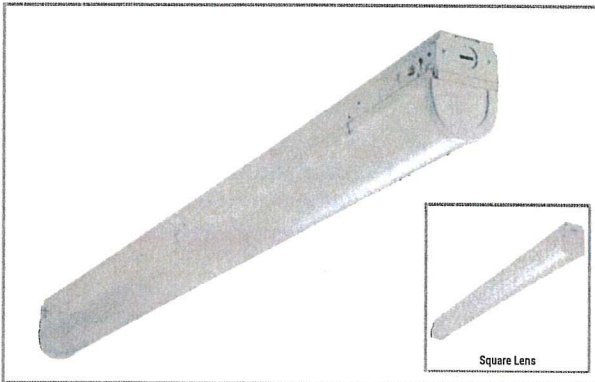
Notes:

Type:

S1X

SEATAC-WWA22-136744

Project		Catalog #		Type	
Prepared by		Notes		Date	

**Metalux****SNLED Lensed**

Lensed LED Strip Round and Square Lens

Typical Applications

Storage / Utility • Coves • Display Cases • Task and General Area

Interactive Menu

- Order Information [page 2](#)
- Photometric Data [page 3](#)
- Connected Systems [page 3](#)
- Product Warranty

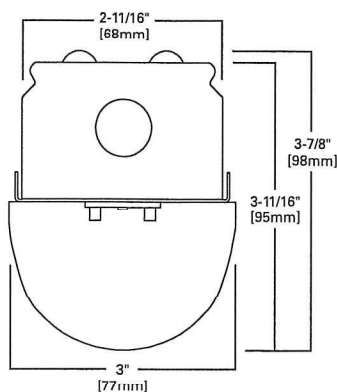
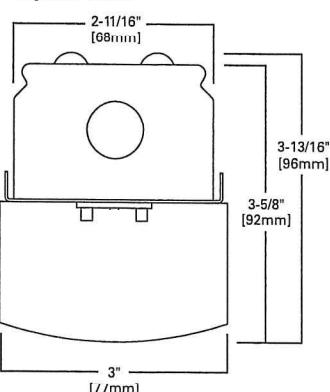
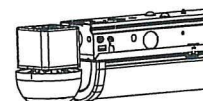
Product Certification**Product Features****LINEAR DISCONNECT**

Safe and convenient means of
disconnecting power

Top Product Features

- Standard (SL) and High lumen/High Efficacy (HL) packages
- High efficiencies - up to 153 LPW
- Three different lens types for optical control
- Two different reflectors for precise distribution control
- Available CCT: 3000K, 3500K, 4000K and 5000K
- Minimum CRI of 80; 90 CRI available
- Options to meet Trade Agreements Act requirements

QUANTITY 7

Dimensional Details**Round Lens****Square Lens****ZW-SWPD3 Sidecar**

[additional product diagrams](#)

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Catalog Number:

4SNLED-LD5-34SL-LN-UNV-EL14W-
L840-CD1-U CSC-48-B

Notes:**Type:****S1X**

SEATAC-WWA22-136744

Metalux**SNLED Lensed****Order Information**

SAMPLE ORDER NUMBER: 4SNLED-LD5-46SL-LN-UNV-L835-CD1-U

8TSNLED-LD5-200HL-SLN-UNV-EL7W-L840-CD2-U

Domestic Preferences ⁽¹⁾	Length	Series	Lamp Type
[Blank]=Standard TAA=Trade Agreements Act	2=2 ft. 4=4 ft. 8T=8 ft.	SNLED=Commercial LED Striplight ⁽¹⁾	LD5=LED S.O

LED Lumen Packages ⁽²⁾

2 ft. Round Lens			4 ft. Round Lens			8 ft. Round Lens			2 ft. Square Lens			4 ft. Square Lens			8 ft. Square Lens		
LC	LN	LW	LC	LN	LW	LC	LN	LW	SLC	SLN	SLW	SLC	SLN	SLW	SLC	SLN	SLW
18SL	18SL	16SL	18SL	18SL	16SL	60SL	60SL	54SL	19SL	19SL	16SL	19SL	19SL	15SL	60SL	64SL	50SL
22SL	22SL	20SL	22SL	22SL	20SL	68SL	68SL	61SL	24SL	24SL	20SL	23SL	23SL	19SL	70SL	70SL	58SL
26SL	26SL	23SL	26SL	26SL	23SL	75SL	75SL	67SL	27SL	27SL	22SL	27SL	27SL	22SL	78SL	77SL	64SL
34HL	32HL	30HL	30SL	30SL	27SL	83SL	83SL	74SL	37HL	37HL	30HL	30SL	30SL	25SL	84SL	84SL	70SL
Clear	Semi-frost narrow	Full frost wide	34SL	34SL	30SL	90SL	91SL	81SL	48HL	48HL	41HL	35SL	35SL	29SL	93SL	93SL	77SL
			37SL	37SL	33SL	98SL	98SL	88SL	39SL	39SL	32SL	39SL	39SL	32SL	100SL	100SL	83SL
			41SL	41SL	37SL	105SL ⁽²⁾	106SL	95SL	42SL	42SL	35SL	42SL	42SL	35SL	108SL	108SL	90SL
			46SL	46SL	41SL	130HL ⁽²⁾	130HL ⁽²⁾	110HL	47SL	46SL	39SL	47SL	46SL	39SL	116SL	116SL	96SL
			49SL	53SL	44SL	170HL ⁽²⁾	170HL ⁽²⁾	150HL	50SL	50SL	41SL	50SL	50SL	41SL	125SL	125SL	104SL
			52SL	56SL	47SL	Clear	Semi-frost narrow	Full frost wide	54SL	54SL	45SL	54SL	54SL	45SL	131SL	130SL	108SL
			56SL	61SL	50SL				58SL	58SL	48SL	58SL	58SL	48SL	130HL	130HL	130HL
			63SL	64SL	56SL				63SL	63SL	52SL	63SL	63SL	52SL	170HL ⁽²⁾	170HL ⁽²⁾	170HL ⁽²⁾
			66SL	50HL	58SL				65SL	65SL	54SL	65SL	65SL	54SL	200HL	200HL	200HL
			52HL	54HL	44HL				77SL	78SL	64SL	77SL	78SL	64SL	Clear	Semi-frost narrow	Full frost wide
			55HL	60HL	48HL				85SL	85SL	70SL	85SL	85SL	70SL			
			60HL	74HL	54HL				54HL	54HL	46HL	54HL	54HL	46HL			
			76HL		65HL				57HL	57HL	48HL	57HL	57HL	48HL			
			Clear	Semi-frost narrow	Full frost wide				62HL	62HL	52HL	62HL	62HL	52HL			
									68HL	68HL	57HL	68HL	68HL	57HL			
									82HL	82HL	69HL	82HL	82HL	69HL			
									97HL	97HL	81HL	97HL	97HL	81HL			
									Clear	Semi-frost narrow	Full frost wide						

SL denotes standard lumen output. HL denotes high lumen output. Additional LEDs to obtain lumen package.
For comparable lumen packages, HL efficacy is greater than SL efficacy.
26SL: 2600 delivered lumens, standard lumen output
170HL: 17000 delivered lumens, high output.

Same notes apply as round (column on left)

Lens	Voltage	Options	Color Temp / CCT
Round LC=Clear Lens LN=Semi-Frost Lens - Narrow LW=Full Frost Lens - Wide	UNV=Universal Voltage 120-277 347-347V ^{(3), (4), (5)} 480-480V ⁽⁴⁾	Emergency EL7W=7-watt, 120V-277V emergency battery pack installed ^{(6), (16)} EL14W=14-watt 120V-277V emergency battery pack installed ^{(6), (16)} GTR2=Body Generator Transfer Relay ⁽¹⁷⁾ ETRD=Iota Emergency Transfer Relay with dimming control ⁽¹⁸⁾	CCT/CRI L830=3000K, 80 CRI L835=3500K, 80 CRI L840=4000K, 80 CRI L850=5000K, 80 CRI L930=3000K, 90 CRI L935=3500K, 90 CRI L940=4000K, 90 CRI L950=5000K, 90 CRI
Square SLC=Square / Flat Clear Lens SLN=Square / Flat Semi - Frost Lens - Narrow SLW=Square / Flat Full Frost Lens - Wide		Wiring P/CPI=Plug in and cross over plug in options ⁽¹³⁾ PC6/S15P=(NEMA 5-15P) 6 ft. Cord with NEMA Straight Plug ^{(13), (19)} PC6/L71S=(NEMA L7-15P) 6 ft. Cord with NEMA Twist Plug ^{(13), (19)}	Motion Sensors ⁽¹⁴⁾ LB-ERMS360=360° Low Bay Motion Sensor - End of Row LB-ERMS360=360° Low Bay Motion Sensor - Middle of Row HB-ERMS360=360° High Bay Motion Sensor - End of Row ⁽⁹⁾ HB-ERMS360=360° High Bay Motion Sensor - Middle of Row ⁽⁹⁾ ZW-SWP03=WaveLinx Wireless Sensor, Sidecar mount, with 1200 sq ft. coverage WLS4=WaveLinx Lite Wireless Integrated Sensor, 15'-40' Mounting Height ⁽²⁰⁾

Drive Type	No. of Drivers	Paint Finish	Packaging	Accessories (Order Separately) ⁽¹¹⁾
CD=0-10V Dimming Driver (10%-100% Dimming) HCD=0-10V Dimming Driver (1%-100% Dimming) SD=Step-dim (Bi Level) ⁽⁴⁾ SLTD=5th Light (DALI) Driver ^{(4), (14)}	1=1 Driver 2=2 Drivers	[Blank]=Standard White BLK=PAF Black ⁽¹⁷⁾	U=Unit Pack	Round Replacement Lenses SNLED-LENS-LW-2FT-U= Replacement Lens 2 ft, Full Frost SNLED-LENS-LN-2FT-U= Replacement Lens 2 ft, Semi Frost SNLED-LENS-LC-2FT-U= Replacement Lens 2 ft, Clear SNLED-LENS-LW-4FT-U= Replacement Lens 4 ft, Full Frost SNLED-LENS-LN-4FT-U= Replacement Lens 4 ft, Semi Frost SNLED-LENS-LC-4FT-U= Replacement Lens 4 ft, Clear Square Replacement Lenses SNLED-SQLENS-SLW-2FT-U= Replacement Lens 2 ft, Full Frost SNLED-SQLENS-SLN-2FT-U= Replacement Lens 2 ft, Semi Frost SNLED-SQLENS-SLC-2FT-U= Replacement Lens 2 ft, Clear SNLED-SQLENS-SLW-4FT-U= Replacement Lens 4 ft, Full Frost SNLED-SQLENS-SLN-4FT-U= Replacement Lens 4 ft, Semi Frost SNLED-SQLENS-SLC-4FT-U= Replacement Lens 4 ft, Clear

Notes: (1) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. (2) Nominal lumen values. See table for value and fixture length. (3) DALI and Step-dim versions require two drivers. (4) 4 ft. and 8 ft. only. (5) 347V CD driver is limited to 50W max output before requiring 2 drivers (no 85W 347V solution). (6) 347 SD Driver require qty 2 transformers for Dual switch legs can not offer with EBP due to space requirements for 3 ed transformer for EBP charge circuit. (7) All other drivers at 347V requires single transformer for Driver. If EBP is included, would require second transformer T10 on PF affected by transformer (no DLC). (8) 4 ft. and 8 ft. only. (9) Motion Sensor offers dimmability. (10) With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 W=7400 lumens). (11) 85° beam photography for luminaire under emergency operation available. (12) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). GTR2 and ETR2 options include 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices. (13) Most common C&P shown. Must specify location for cord. All "end" locations will be on the end with sensor installed. (14) Sensors provided in separate externally mounted enclosure. See SRL spec sheet for fully integrated/connected sensors. (15) 4 ft. and 8 ft. only. (16) For a complete listing of Fifth Light products, visit www.cooperlighting.com (17) Black fixture and lens ends. Refer to Finish multiplier table for performance (page 3). (18) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. (19) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to DOMESTIC.PREFERENCE website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. (20) WaveLinx Lite devices are not currently compatible with the WaveLinx Pro Wireless Area Controller.

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CD1-U SCS-48-B

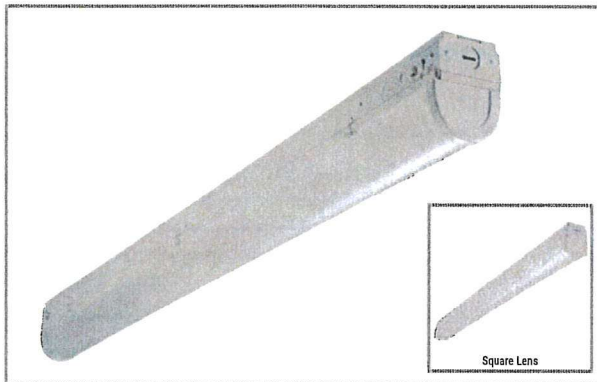
Notes:

Type:

S1

SEATAC-WWA22-136744

Project		Catalog #		Type	
Prepared by		Notes		Date	

**Metalux****SNLED Lensed**

Lensed LED Strip Round and Square Lens

Typical Applications

Storage / Utility • Coves • Display Cases • Task and General Area

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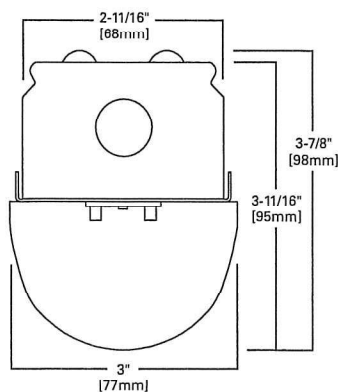
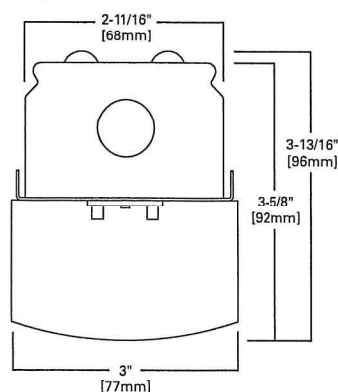
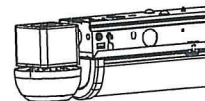
Product Certification**Product Features****LINEAR DISCONNECT**

Safe and convenient means of disconnecting power

Top Product Features

- Standard (SL) and High lumen/High Efficacy (HL) packages
- High efficiencies - up to 153 LPW
- Three different lens types for optical control
- Two different reflectors for precise distribution control
- Available CCT: 3000K, 3500K, 4000K and 5000K
- Minimum CRI of 80; 90 CRI available
- Options to meet Trade Agreements Act requirements

QUANTITY 2

Dimensional Details**Round Lens****Square Lens****ZW-SWPD3 Sidecar**

additional product diagrams

**Job Name:**

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

4SNLED-LD5-34SL-LN-UNV-L840-
CD1-U SCS-48-B

Notes:

Type:**S1**

SEATAC-WWA22-136744

Metalux**SNLED Lensed****Order Information**

SAMPLE ORDER NUMBER: 4SNLED-LD5-46SL-LN-UNV-L835-CD1-U

8TSNLED-LD5-200HL-SLN-UNV-EL7W-L840-CD2-U

Domestic Preferences ⁽¹⁾	Length	Series	Lamp Type
[Blank]=Standard TAA=Trade Agreements Act	2=2 ft. 4=4 ft. 8=8 ft.	SNLED=Commercial LED Striplight ⁽¹⁾	LD5=LED 5.0

LED Lumen Packages ⁽²⁾

2 ft. Round Lens			4 ft. Round Lens			8 ft. Round Lens			2 ft. Square Lens			4 ft. Square Lens			8 ft. Square Lens		
LC	LN	LW	LC	LN	LW	LC	LN	LW	SLC	SLN	SLW	SLC	SLN	SLW	SLC	SLN	SLW
18SL	18SL	16SL	18SL	18SL	16SL	60SL	60SL	54SL	19SL	19SL	16SL	19SL	19SL	15SL	60SL	64SL	50SL
22SL	22SL	20SL	22SL	22SL	20SL	68SL	68SL	61SL	24SL	24SL	20SL	23SL	23SL	19SL	70SL	70SL	58SL
26SL	26SL	23SL	26SL	26SL	23SL	75SL	75SL	67SL	27SL	27SL	22SL	27SL	27SL	22SL	78SL	77SL	64SL
34HL	32HL	30HL	30SL	30SL	27SL	83SL	83SL	74SL	37HL	37HL	30HL	30SL	30SL	25SL	84SL	84SL	70SL
Clear	Semi-frost narrow	Full frost wide	34SL	34SL	30SL	90SL	91SL	81SL	48HL	48HL	41HL	35SL	35SL	29SL	93SL	93SL	77SL
			37SL	37SL	33SL	98SL	98SL	88SL	Clear	Semi-frost narrow	Full frost wide	39SL	39SL	32SL	100SL	100SL	83SL
			41SL	41SL	37SL	105SL ⁽³⁾	106SL	95SL				42SL	42SL	35SL	108SL	108SL	90SL
			46SL	46SL	41SL	130HL ⁽³⁾	130HL ⁽³⁾	110HL				47SL	46SL	39SL	116SL	116SL	96SL
			49SL	53SL	44SL	170HL ⁽³⁾	170HL ⁽³⁾	150HL				50SL	50SL	41SL	125SL	125SL	104SL
			52SL	56SL	47SL	Clear	Semi-frost narrow	Full frost wide				54SL	54SL	45SL	131SL	130SL	108SL
			56SL	61SL	50SL							58SL	58SL	48SL	130HL	130HL	130HL
			63SL	64SL	56SL							63SL	63SL	52SL	170HL ⁽³⁾	170HL ⁽³⁾	170HL ⁽³⁾
			66SL	50HL	58SL							65SL	65SL	54SL	200HL	200HL	200HL
			52HL	54HL	44HL							77SL	78SL	64SL	Clear	Semi-frost narrow	Full frost wide
			55HL	60HL	48HL							85SL	85SL	70SL			
			60HL	74HL	54HL							54HL	54HL	46HL			
			76HL		65HL							57HL	57HL	48HL			
			Clear	Semi-frost narrow	Full frost wide							62HL	62HL	52HL			
												68HL	68HL	57HL			
												82HL	82HL	69HL			
												97HL	97HL	81HL			
												Clear	Semi-frost narrow	Full frost wide			

SL denotes standard lumen output, HL denotes high lumen output. Additional LEDs to obtain lumen package.
For comparable lumen packages, HL efficacy is greater than SL efficacy.
26SL: 2600 delivered lumens, standard lumen output
170HL: 17000 delivered lumens, high output.

Same notes apply as round (column on left)

**CONFIRM
LUMEN OUTPUT
AND WATTAGE**

Lens	Voltage	Emergency	Wiring	Motion Sensors ⁽¹⁴⁾	Color Temp / CCT
Round LC=Clear Lens LN=Semi-Frost Lens - Narrow LW=Full Frost Lens - Wide Square SLC=Square / Flat Clear Lens SLN=Square / Flat Semi - Frost Lens - Narrow SLW=Square / Flat Full Frost Lens - Wide	UNV=Universal Voltage 120-277 347=347V ⁽¹⁵⁾ (UL17) 480=480V ⁽⁴⁾	EL7W=7-watt, 120V-277V emergency battery pack installed ^{(8), (12)} EL14W=14-watt 120V-277V emergency battery pack installed ^{(8), (12)} GTR2=2-Relay Generator Transfer Relay ⁽¹¹⁾ ETRD=Emergency Transfer Relay with dimming control ⁽¹¹⁾	PI/PI=Plug in and cross over plug in options ⁽¹³⁾ PC6/S15P=(NEMA 5-15P) 6 ft. Cord with NEMA Straight Plug ^{(13), (14)} PC6/L715=(NEMA L7-15P) 6 ft. Cord with NEMA Twist Plug ^{(13), (14)}	LB-ERMS360=360° Low Bay Motion Sensor - End of Row LB-MRMS360=360° Low Bay Motion Sensor - Middle of Row HB-ERMS360=360° High Bay Motion Sensor - End of Row ⁽⁹⁾ HB-MRMS360=360° High Bay Motion Sensor - Middle of Row ⁽⁹⁾ ZW-SWP3=WaveLinX Wireless Sensor, Sidecar mount, with 1200 sq ft. coverage WLS4=WaveLinX Lite Wireless Integrated Sensor, 15'-40' Mounting Height ⁽²⁰⁾	CCT/CRI L830=3000K, 80 CRI L835=3500K, 80 CRI L840=4000K, 80 CRI L850=5000K, 80 CRI L930=3000K, 90 CRI L935=3500K, 90 CRI L940=4000K, 90 CRI L950=5000K, 90 CRI

Drive Type	No. of Drivers	Paint Finish	Packaging	Accessories (Order Separately) ⁽¹³⁾
CD=0-10V Dimming Driver (10%-100% Dimming) HCD=0-10V Dimming Driver (1%-100% Dimming) SD=Step-dim (Bi Level) ⁽¹⁵⁾ 5LTD=5th Light (DALI) Driver ^{(15), (16)}	1=1 Driver 2=2 Drivers	[Blank]=Standard White BLK=PAF Black ⁽¹⁷⁾	U=Unit Pack AYC=Chain/Set-36" Chain Hanger (Use 1 set per fixture) SCF=Fixed Stem Set (Specify Length) SCS=Swivel Stem Set (Specify Length) 48" SCA=Adjustable 48" Stem Set EYE-CHAIN/SET-B=Eye Bolt Chain (Use 1 set per fixture) WG/SNF-2FT=2 ft Wire Guard WG/SNF-4FT=4 ft Wire Guard A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 per fixture) TOGGLE=Single Toggle No. 2 (Specify Length) Y-TOGGLE=-2PK-(2) Y-Toggle Cable Kits (Specify 10 or 30 for length in feet) GRP-SNF-U=Gripper Hanger 550702P PK=SNLED Long Row Aligner Extension	Round Replacement Lenses SNLED-LENS-LW-2FT-U= Replacement Lens 2 ft, Full Frost SNLED-LENS-LN-2FT-U= Replacement Lens 2 ft, Semi Frost SNLED-LENS-LC-2FT-U= Replacement Lens 2 ft, Clear SNLED-LENS-LW-4FT-U= Replacement Lens 4 ft, Full Frost SNLED-LENS-LN-4FT-U= Replacement Lens 4 ft, Semi Frost SNLED-LENS-LC-4FT-U= Replacement Lens 4 ft, Clear Square Replacement Lenses SNLED-SQLENS-SLW-2FT-U= Replacement Lens 2 ft, Full Frost SNLED-SQLENS-SLN-2FT-U= Replacement Lens 2 ft, Semi Frost SNLED-SQLENS-SLC-2FT-U= Replacement Lens 2 ft, Clear SNLED-SQLENS-SLW-4FT-U= Replacement Lens 4 ft, Full Frost SNLED-SQLENS-SLN-4FT-U= Replacement Lens 4 ft, Semi Frost SNLED-SQLENS-SLC-4FT-U= Replacement Lens 4 ft, Clear

Notes: (1) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. (2) Nominal lumen values. See table for value and fixture length. (3) DALI and Step-dim versions require two drivers. (4) 4 ft. and 8 ft. only. (5) 347V CD driver is limited to 50W max output before requiring 2 drivers (no 85W 347V solution). (6) 347 SD Driver require qty 2 transformers for Dual switch legs can not offer with EBP due to space requirements for EBP charge circuit. (7) All other drivers at 347V requires single transformer for Driver. If EBP is included, would require second transformer THD on PF affected by transformer (no DLC). (8) 4 ft. and 8 ft. only. (9) Motion Sensor offers dimmability. (10) With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. (11) Used to bypass local control during outage. Must be used in conjunction with UL 1006 device (provided by others). GTR2 and ETR2 options include 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices. (12) Most common GEP shown. Must specify location for cord. All "end" locations will be on the end with sensor installed. (13) Consult tech support on numerous options for this feature. (14) Sensors provided in separate externally mounted enclosure. See SRL spec sheet for fully integrated/connected sensors. (15) 4 ft. and 8 ft. only. (16) For a complete listing of Fifth Light products, visit www.cooperlighting.com (17) Black fixture and lens ends. Refer to Finish multiplier table for performance (page 3). (18) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. (19) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. (20) WaveLinX Lite devices are not currently compatible with the WaveLinX Pro Wireless Area Controller.

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Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

LD4B50D010 EU4B10208040
4LBM1H HB26

Notes: Quoting 4" Downlight

Type:**D1**

SEATAC-WWA22-136744

DESCRIPTION

4 inch LED recessed narrow, medium, or wide beam downlight designed for glare free even illumination. Featuring a two-stage diffused reflector system producing smooth distribution with excellent light control and low aperture brightness. Lumen packages range from 500 to 6000 with color temperatures of 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K. **VividTune: Dim-to-warm technology** - similar to halogen at full power, the 3000K LED warms smoothly as dimmed to 1850K creating a rich warm glow within the space. **Tunable white technology** - adjust the color temperature from warm white to cool white while independently controlling intensity.

SPECIFICATION FEATURES**Lower Shielding Reflector**

Painted die cast aluminum or spun aluminum lower reflector with a lensed upper optical chamber providing superior lumen output with minimal source brightness. Spun reflectors are offered in all Portfolio Alzak® finishes. Available with non-conductive polymer trim. Reflector is retained with two torsion springs holding the flange tight to the finished ceiling surface. Plaster lathing ring accessory offered for flush reflector transition.

Plaster Frame / Collar

Die cast aluminum 1-1/2" deep collar accommodates ceiling materials up to 2". Universal mounting bracket accepts 1/2" EMT, C channel and bar hangers and adjusts 5" vertically from above and below the ceiling.

Junction Box

Listed for (8) #12 AWG (four in, four out) 90°C conductors and feed thru branch wiring. (4) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Lever connectors for simple push in wiring.

Thermal

Aluminum heat sink conducts heat away from the LED module for optimal performance and long life.

LED

Chip on board with a multitude of highly efficient white LED's, combined with a high reflectance upper reflector and convex transitional lens produce even distribution with no pixilation. Lumen output shall not decrease by more than 10% over the minimum life of 55,000 hours (L90 > 55,000 hours). Auto resetting, thermally protected,

LED's are turned off when safe operating temperatures are exceeded. Color variation within 2-step MacAdam ellipses. Quick disconnect allows for tool-less replacement of LED engine from below ceiling. Available in 80, 90 or 97 CRI. **D2W™** - dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources. **W2N** - Tunable white CCT range 2700K to 6500K or 2000K to 5000K, 90 CRI.

Driver

Standard 120-277V 0-10V dimming driver provides flicker free dimming from 100% to 1%. Optional 120V leading edge, <1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem. Driver can be serviced from above or through the aperture. Distributed low voltage power system combines power, lighting, and controls with ease of installation.

Connected Lighting System Options

Two WaveLinX connected systems to choose from. Refer to WaveLinX system specifications and application guides for details.

WaveLinX Wireless System Tilemount Sensor Kit

- WaveLinX Wireless WTA tile mount sensor kit offers daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

WaveLinX Lite System Tilemount Sensor Kit

- WaveLinX Lite WTK tile mount

sensor kit offers daylight dimming and PIR motion sensing, scene and grouping configuration.

WaveLinXTilemount Kits Application

- The WTA and WTK tilemount kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by direct-mount spring clips or via mounting bracket in octagon ceiling boxes.
- The WTA and WTK tilemount kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.

Code Compliance

Thermally protected and cULus listed for wet locations with covered ceiling. IP66 rated when used with IP66 gasket kit accessory. Optional City of Chicago environmental air (CCEA) marking for plenum applications. EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits. 2000 lumen and above are Non-IC rated - Insulation must be kept 3" from top and sides of housing. IC rated up to 1500 lumens. 5000 lumen and above are marked spacing and must follow spacing requirements. RoHS Compliant. Photometric testing completed in accordance with IES LM 79. Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.

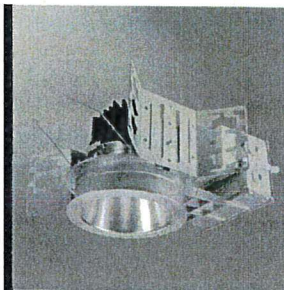
- Options to meet Buy American and other domestic preference requirements

Warranty

5-year warranty

Portfolio

Catalog #	Type
Project	
Comments	Date
Prepared by	

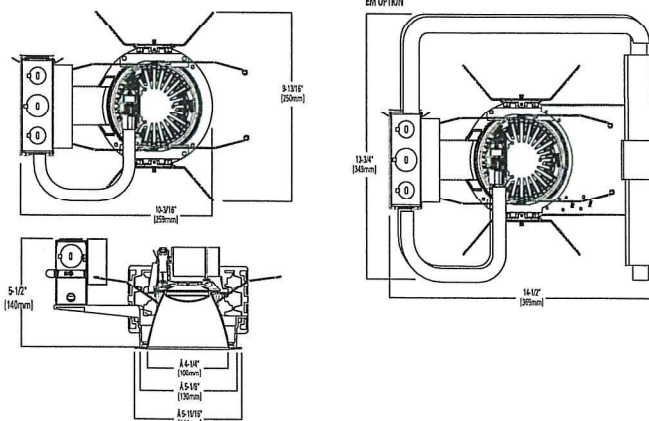


**LD4B EU4B
4LBW 4LBM
4LBN**

500-6000 Lumen LED

Narrow, Medium, or Wide Beam
New Construction

Quantity 10



VividTune
color tuning solutions

D2W™



Refer to ENERGY STAR® Qualified Products List. Can be used to comply with California Title 24 High Efficacy requirements.

**Job Name:**

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

LD4B50D010 EU4B10208040

4LBM1H HB26

Notes: Quoting 4" Downlight

Type:**D1**

SEATAC-WWA22-136744

SAMPLE NUMBER: LD4B15D010IEMBOD

LD4B EU4B 4LBW 4LBM 4LBN

Domestic Preferences ²⁰	Housing	Lumens ¹	Voltage	Driver	Options ¹
[Blank]-Standard BAA-Buy American Act TAA-Trade Agreements Act	LD4B-LED Downlight 4" Nominal Aperture LD4BCP-LED Downlight 4" Nominal Aperture, Chicago Plenum	05=500 lumens ¹⁹ 10=1000 lumens 15=1500 lumens 20=2000 lumens 30=3000 lumens 40=4000 lumens 50=5000 lumens ¹⁵ 60=6000 lumens ¹⁵	Blank=120-277V 3=347V (step down transformer)	500-4000 D010=0-10V Dimming, 1% to 100%, 120V-277V D010TR=0-10V or Line Voltage Dimming, 5% to 100%, 120V-277V DE010=0-10V Linear Dimming, 0% to 100%, 120V-277V DSLT=5th Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V-277V DMX=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V ¹³ DMXC5=DMX/RDM Logarithmic Dimming, 0% to 100%, 120V-277V, with RJ45 connection DL2=Lutron® Hi-Lume Forward Phase Dimming, 1% to 100%, 120V Only DLE=Lutron Ecosystem dimming 1% to 100%, 120V-277V DLV=Low voltage dimming driver (1-100%) for use with DLVP system (3000 lumen and below) ¹⁴ 5000-6000 D010TE=0-10V 1% or trailing edge 10%, 120-277V (120V only with trailing edge dimming) Tunable white 1000-2000 Lumens ¹⁴ 1DE010W2N2050=0-10V dimming, 0% to 100%, 120V, 2000K - 5000K 1DE010W2N2765=0-10V dimming, 0% to 100%, 120V, 2700K - 6500K 1DSLTW2N2050=5th Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120, 2000K - 5000K 1DSLTW2N2765=5th Light DALI DT6 Logarithmic Dimming, 0% to 100%, 120V, 2700K - 6500K 2DE010W2N2050=0-10V dimming, 0% to 100%, 277V, 2000K - 5000K 2DE010W2N2765=0-10V dimming, 0% to 100%, 277V, 2700K - 6500K 2DSLTW2N2050=5th Light DALI DT6 Logarithmic Dimming, 0% to 100%, 277V, 2000K - 5000K 2DSLTW2N2765=5th Light DALI DT6 Logarithmic Dimming, 0% to 100%, 277V, 2700K - 6500K	EMBOD=Bodine® Emergency Module with Remote Test Switch EMBOD7ST=Bodine® Emergency Module with Self Test Remote Test Switch EM7=7W Emergency Module with Remote Test Switch EM14=14W Emergency Module with Remote Test Switch IEMBOD=Bodine® Emergency Module with Integral Test Switch IEM7=7W Emergency Module with Integral Test Switch IEM14=14W Emergency Module with Integral Test Switch EMV7=7W Low Voltage Emergency Module with Remote Test Switch ⁴ EMV14=14W Low Voltage Emergency Module with Remote Test Switch ⁴ IEMV7=7W Low Voltage Emergency Module with Integral Test Switch ⁴ IEMV14=14W Low Voltage Emergency Module with Integral Test Switch ⁴ WTA = Factory installed WaveLink sensor Kit ^{14 17} WTK = Factory installed WaveLink Lite Sensor Kit ^{14 18}

SAMPLE NUMBER: EU4B10208035

Domestic Preferences ²⁰	Power Module	Lumen Levels ¹	CRI	Color
[Blank]-Standard BAA-Buy American Act TAA-Trade Agreements Act	EU4B-4" Universal LED Module	05=500 lumens 1020=1000, 1500, 2000 lumens 3040=3000-4000 lumens 5000=5000 lumens ¹⁵ 6000=6000 lumens ¹⁵ 1015IC=1000, 1500 lumen IC rated	80=80 CRI Minimum 90=90 CRI Minimum 97=97 CRI Minimum	80 CRI 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K 90 CRI 24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K 97 CRI 27=2700K 30=3000K
		Dim 2 Warm 109030D2W=1000 lumen, 90 CRI, Dim 2 Warm, IC rated 159030D2W=1500 lumen, 90 CRI, Dim 2 Warm, IC rated 209030D2W=2000 lumen, 90 CRI, Dim 2 Warm 309030D2W=3000 lumen, 90 CRI, Dim 2 Warm		
		Tunable white ¹⁴ 1020W2N902050 = 1000, 1500, 2000 lumens, 90 CRI, tunable white 2000K-5000K 1020W2N902765 = 1000, 1500, 2000 lumens, 90 CRI, tunable white 2700K-6500K		

SAMPLE NUMBER: 4LBM1LIE

Domestic Preferences ²⁰	Trim	Distribution ¹	Flange	Finish	Options
[Blank]-Standard BAA-Buy American Act TAA-Trade Agreements Act	4LB-4" LED	N=Narrow (30° Beam), Spun Aluminum M=Medium (50° Beam), Spun Aluminum W=Wide (75° Beam), Spun Aluminum S=Shallow (75° Beam), Spun Aluminum PS=Non-conductive Shallow (75° Beam), Injection Moulded white ¹¹ CS=Cast Shallow (75° Beam), Die Cast Aluminum BA=Baffle, Spun Aluminum ⁷	0=White Polymer Trim Ring 1=Self-flanged ¹² 2=White Painted Self-flanged	LI=Specular Clear ¹⁶ H=Semi-Specular Clear ¹⁶ WMH=Warm Haze ¹⁶ WH=Wheat ¹⁶ GPH=Graphite Haze ¹⁶	B=Specular Black ¹⁶ MW=Matte White MB=Matte Black ⁴ MMS=Matte Metallic Silver ⁴ E=Integral Emergency Test Switch Hole ⁴

Accessories²¹

HSA4=Slope Adapter for 4" Aperture Housings, Specify Slope in 5° increments
TRM4=Metal Trim Ring, Specify Color²
TRR4=Trimless Trim Ring²
LGSKT4IP66=IP66 Gasket Kit
PRR4=Trimless Plaster Ring for Flush Mount²
Bar Hangers
HB26=C-channel Bar Hanger, 26" Long, Pair
BAA-HB26=Pair C-channel bar hanger, 26" long²⁸
TAA-HB26=Pair C-channel bar hanger, 26" long²⁸
HB50=C-channel Bar Hanger, 50" Long, Pair
RMB22=Wood Joist Bar Hanger, 22" Long, Pair
Transformers
H347=347 to 120V Step Down Transformer, 75VA
H347200=347 to 120V Step Down Transformer, 200VA
Connected Lighting Systems¹⁴
WTA = Field installed WaveLink sensor Kit ¹⁷
WTK = Field installed WaveLink Lite Sensor Kit ¹⁸

Notes:

- Nominal Lumens will vary depending on selected color, driver and reflector finish.
- Order spun trim with polymer trim ring or die cast with rimless flange (Consult specification sheet for color ordering information and options).
- Not available with Chicago Plenum.
- ULUS approved only.
- Beam angles are nominal with LI finish trims.
- Only available with Narrow and Medium Spun Aluminum trims. Required for use with all IEMBOD, IEM7, and IEM14 housings.
- Only available with Matte White and Matte Black Finishes.
- Only available on CS distribution.
- Available only on BA and CS distributions.
- Not available on PS, CS or BA distributions.
- Matte white and self flanged only, 2000 lumen max.
- Flange is same finish as the reflector.
- DMX fixtures default to full on upon loss of DMX signal.
- Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.
- Product is marked spacing and must be installed with the following minimum spacing

- Center to center of adjacent luminaires: 36"
- Center of luminaire to side of building member: 18"
- Minimum overhead: 1/2"

- Non-IC
- WTA = WaveLink wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with 0-10V only.
- WTK = WaveLink Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLink Lite system specifications)
- Limited to D010 drivers.
- Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC.PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. Offered with spun aluminum narrow, medium and wide trims.
- Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

ENERGY

ENERGY DATA
Sound Rating: Class A standards
(Values at non-dimming line voltage)
Minimum Starting Temperature: -30°C (-22°F)
EMC/RF: FCC Title 47 CFR, Part 15, Class B (Consumer)
Input Voltage: UNV (120V - 277V)
Power Factor: >0.90
(at nominal input 120-277 VAC & 100% of Rated Output Power)
Input Frequency: 50/60Hz

1000 Lumen D010				1500 Lumen D010			
Input Power: 11W	THD: <14%	Input Power: 15.5W	THD: <13%	Input Power: 11W	THD: <14%	Input Power: 15.5W	THD: <13%
120V Input Current: 0.09A	277V Input Current: 0.04A	120V Input Current: 0.13A	277V Input Current: 0.06A	120V Input Current: 0.09A	277V Input Current: 0.04A	120V Input Current: 0.13A	277V Input Current: 0.06A
2000 Lumen D010				3000 Lumen D010			
Input Power: 21.2W	THD: <9%	Input Power: 27.5W	THD: <10%	Input Power: 21.2W	THD: <9%	Input Power: 27.5W	THD: <10%
120V Input Current: 0.18A	277V Input Current: 0.08A	120V Input Current: 0.23A	277V Input Current: 0.10A	120V Input Current: 0.18A	277V Input Current: 0.08A	120V Input Current: 0.23A	277V Input Current: 0.10A
4000 Lumen D010				5000 Lumen D010TE			
Input Power: 41.5W	THD: <13%	Input Power: 57.5W	THD: <14%	Input Power: 41.5W	THD: <13%	Input Power: 57.5W	THD: <14%
120V Input Current: 0.35A	277V Input Current: 0.15A	120V Input Current: 0.48A	277V Input Current: 0.22A	120V Input Current: 0.35A	277V Input Current: 0.15A	120V Input Current: 0.48A	277V Input Current: 0.22A
6000 Lumen D010TE							
Input Power: 59.7W	THD: <14%			Input Power: 59.7W	THD: <14%		
120V Input Current: 0.50A	277V Input Current: 0.22A			120V Input Current: 0.50A	277V Input Current: 0.22A		

	120V		277V	
Lumens	Inrush (A)	Duration (ms)	Inrush (A)	Duration (ms)
1000 Lumen D010	1.02	0.041	2.18	0.021
1500 Lumen D010	1.02	0.042	2.24	0.024
2000 Lumen D010	1.02	0.077	2.43	0.027
3000 Lumen D010	1.15	0.067	3.26	0.027
4000 Lumen D010E	1.2	0.088	3.9	0.03
5000 Lumen D010TE	5.1	0.132	10.2	0.153
6000 Lumen D010TE	5.4	0.123	10.8	0.154



10

Submitted by Sea-Tac Lighting & Controls, LLC



Job Name:

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

SH1-18-XX-4K-120-XX-REM*

BK NA

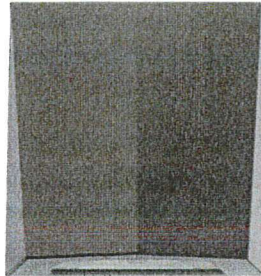
Notes: Confirm Standard Finish;

Type:

E1X

SEATAC-WWA22-136744

SHIELD+ 1



Quantity 10

Long-lasting energy-efficient wall pack series. Fixtures consist of:

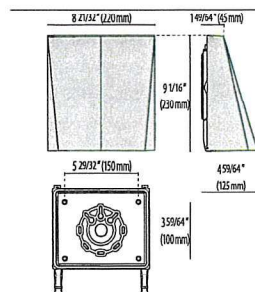
- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Copper-free precision die-cast aluminum housing and mounting plate.
- Extra-clear, flat, tempered silk-screened soda-lime glass diffuser.
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.
- High-efficiency COB, combined with an optimized passive cooling system, provides a long LED life.
- Specular vacuum metallized polycarbonate reflector provides full cutoff, no glare design, and precision optical control.
- IESNA Type III light distribution.
- Input voltage: 120-277 V (50 / 60 Hz), integral 1-10 V dimming driver.

- Field settable integral tri-level lumen/wattage packages proprietary DIP switch driver for SHIELD+ 1 (stating factory setting at the lowest level).
- Standard knock-out template for multiple junction box mounting options.
- Suitable for three surface mounted conduit entry points with 1/2" NPS plugs.
- BUTTON and SWIVEL 120-277 V (50 / 60 Hz) photoelectric switch options available (ordered separately).
- Consult factory for dimming options, custom finishes (please specify RAL color), and non-cataloged CCT (Kelvin) options.
- Consult factory for remote emergency battery pack options (EMPK).
- Product meets Buy American Act requirements within ARRA.
- 5-year warranty.
- Marine Grade finish.
- Suitable for Natatorium applications.



FINISHES

- AN-96 / Iron gray / Textured
- GR-94 / Aluminum metallic / Textured
- RB-10 / Iron rust / Textured
- WH-87 / White / Textured
- BK-81 / Black / Textured



SHIELD+
1

Scan here
for installation
instructions



Lumen Output	27K	3K	35K	4K	5K
Shield+1 13W	1448	1556	1664	1773	1881
Shield+1 18W	1906	2059	2211	2364	2516
Shield+1 27W	2478	2676	2874	3072	3270

Revision 02

**Job Name:**

Lewis County Facilities Dept Public Works
 Distributor: Platt Electric Supply - Olympia (Olympia)
 Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

SH1-18-XX-4K-120-XX-REM

Type:**E1X**

Notes: Confirm Standard Finish;

SEATAC-WWA22-136744

Order Guide - Shield+1



Order code example

SH1-18-IR-4K-277-NA-PHC-S

SH1-

Wattage	Finish	Kelvin	Voltage	Controls	Accessories
8 8 watt	AM Aluminum Metallic	27K 2700k	UNV 120-277V	NA Non Dimming	OCC-1 On/Off Occupancy Sensor
10 10 watt	IG Iron Gray	3K 3000k		0-10V 0-10V Dimming	OCC-2 Hi/Lo Occupancy Sensor
13.5 13.5 watt	IR Iron Rust	35K 3500k		ELV ELV Dimming	PHC-B Button Photocell
18 18.5 watt	BK Textured Black	4K 4000k		1% 1% Dimming	PHC-S Swivel Photocell
27 27 watt (max)	WH Textured White	5K 5000K		CONFIRM DIMMING	REM Remote Battery Back-Up
	CC Custom Color	65K 6500K			
XX Specify Wattage Must be below max	CONFIRM STANDARD FINISH	GRN Static Green			
		BLU Static Blue			
		RED Static Red			
		RGBW RGBW Consult factory for control details			

Performance in Lighting reserves the right to make all necessary changes without prior notice.

Performance in Lighting - 2621 Keys Pointe - Conyers, Georgia 30013 - USA - voice 770.822.2115 - info.usa@pil.lighting
 www.performanceinlighting.com

Revision 02

[Home \(/\)](#) / [Emergency / Exit / Smoke Alarms \(/category/emergency-lights-exit-signs\)](#) / [Exit Signs \(/category/exit-signs\)](#)
/ [LED Exit Signs \(/category/led-exit-signs\)](#) / [White LED Exit Signs \(/category/white-led-exit-signs\)](#)
/ [Green Letters - White LED Exit Signs \(/category/white-led-exit-signs-green-letters\)](#)

FULHAM

★★★★★ 5.0 (1)

[Write a review](#)

LED Exit Sign - Green Letters - Single or Double Face

90 Min. Battery Backup - 120/277 Volt - Fulham FHEX20-WG-EM

Quantity 10



SKU: EM-FHEX20WGEM



\$39.39 ea.

Alternate Products



LITH-0813

LED Exit Sign - Selectable Red or Green Letters - Single or Double Face

90 Min. Battery Backup - 120/277 Volt - Lithonia EXRG EL M6

\$33.60 ea.



HALCO-95000

LED Exit Sign - Green Letters - Single or Double Face

90 Min. Battery Backup - 120/277 Volt - Halco 95000

\$35.56 ea.



EM-FHEX21WGEM

LED Exit Sign - Green Letters - Single or Double Face

90 Min. Battery Backup - 120/277 Volt - Fulham FHEX21-WG-EM

\$40.84 ea.



EX-GVEXUBPWBWH

LED Exit Sign - Green Letters - Single or Double Face

90 Min. Battery Backup - 120/277 Volt - Exitronix GVEX-U-BP-WB-WH

\$47.41 ea.

Details



Description

- Push switch for manual testing of the emergency system
- Backup battery powers internal LED up to 90 minutes
- LED charge indicator

This LED emergency exit sign is damp location rated and features a universal J-box mounting system for simple installation.

Brochures & Spec Sheets

 [Fulham FHEX20-WG-EM Spec Sheet \(https://a89b8e4143ca50438f09-7c1706ba3fabeeda794725d88e4f5e57.ssl.cf2.rackcdn.com/spec_sheets/files/000/011/339/original/fulham-fhex20wgem-specs.pdf?1440206074\)](https://a89b8e4143ca50438f09-7c1706ba3fabeeda794725d88e4f5e57.ssl.cf2.rackcdn.com/spec_sheets/files/000/011/339/original/fulham-fhex20wgem-specs.pdf?1440206074)

Product Attributes

Brand	Fulham
MPN (Part No.)	FHEX20-WG-EM
UPC	847098001881
Lighting Technology	LED
Family	FireHorse
Wattage	1.5 Watt
Fixture Type	Exit Sign
Voltage	120/277
Ratings and Certifications	Damp Location/ UL
Battery Type	Ni-Cad

Emergency Operation	90+ Minutes
Face Type	Single or Double
Housing	White Thermoplastic
Letter Color	Green
Letter Size	6 in.
Mounting	Universal
Length	12.6 in.
Height	8.2 in.
Width	4.3 in.
Warranty	5-Year Limited
Case Quantity	6

Reviews



Job Name:

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

LU14-A-840MO-GX-U-PL2-1-1IC-W-
FW6

Notes: Confirm Grid

Type:

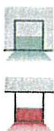
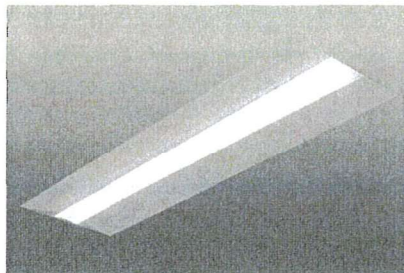
G1X

SEATAC-WWA22-136744

PINNACLE
ARCHITECTURAL LIGHTING®

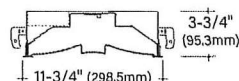
Project Name _____

Date _____ Type _____



LUCEN LU14

1x4 Architectural Recessed



Quantity 12

Key Features

- Pre-painted formed 22 gauge cold rolled steel housing
- Highly reflective die-formed white painted reflector
- Wiring access available on both ends and top of housing
- LED offered with a 5-year limited warranty. Covers LED, driver and fixture
- UL and cUL Listed, LO, MO, and HO lumen packages are IC Rated
- Pre-painted fixtures are to be used in dry locations only
- For damp location, must specify Paint After Fabrication (PAF) in the Options section of the luminaire specification
- Maximum fixture weight is 15 lbs - Surface Mount Box adds 10 lbs
- Room-Side Maintenance for LED system
- Buy American Act compliant
- Indigo-Clean available, see Indigo-Clean specification sheets for details



Example Part #: LU14-A-830HO-G1-U-OL2-1-0-W

LU14

SHIELDING

CRI, CCT &
OUTPUT

MOUNTING

VOLTAGE

DRIVER

CIRCUITING

BATTERY &
EMERGENCY

FINISH

FIXTURE
OPTIONS

CONTROLS

SHIELDING	SOURCE Q ¹	MOUNTING	VOLTAGE
A - Satine Lens <i>QS</i> W - White Rails <i>QS</i> S - Silver Rails <i>QS</i> <i>Shielding pg. 2</i>	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 2</i>	G1 - 15/16" Grid <i>QS</i> G9 - 9/16" Grid <i>QS</i> G5 - Screw Slot Grid <i>QS</i> FL - Flanged S - Surface Mount <i>Mounting pg. 3</i>	U - Universal (120 thru 277V) <i>QS</i> 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 3</i>
CONFIRM MOUNTING			
DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH
FSD - Factory Select Driver (1%, 0-10V) <i>QS</i> PL2 - Advance Xitanium (1%, 0-10V) <i>QS</i> OL4 - Osram 347V (1%, 0-10V) EE1 - eldoLED ECOdrive (1%, 0-10V) ES1 - eldoLED ECOdrive (1%, 0-10V) LH1 - Lutron Hi-lume (1%, EcoSystem) <i>QS</i> PR1 - Advance Xitanium SR OL2 - Osram (1%, 0-10V) <i>QS</i> MOD - Mod options available <i>Driver pg. 4</i>	1 - Single Circuit <i>QS</i> E - Emergency <i>QS</i> <i>(entire fixture)</i> N - Night Light <i>QS</i> <i>(entire fixture)</i> <i>Circuiting pg. 4</i>	0 - None <i>QS</i> 1P - Bodine 10W <i>QS</i> 1IC - Iota 10W, CEC Listed <i>QS</i> 1G - Bodine GTD FSG - Factory Select ALCR G1 - Iota ETS DR GB - Bodine GTD <i>Battery and Emergency pg. 4</i>	W - White <i>QS</i> MOD - Mod options available <i>Finish pg. 5</i>
FIXTURE OPTIONS ²	CONTROLS ³		
QS - QuickShip <i>QS</i> TW - Through-wiring CP - Chicago Plenum <i>QS</i> AM - Antimicrobial Paint FW6 - 6' Flex Whip <i>QS</i> GLR - Fast Blow Fusing <i>QS</i> GMF - Slow Blow Fusing PAF - Paint after fabrication MOD - Mod options available <i>Fixture Options pg. 5</i>	DLMFC - Wattstopper DLM (wired) DLMFS - Wattstopper LLC (wireless) EASYS - Philips EasySense (wireless) SNSLM - Encellium Sensilum (wireless) WVLX - Eaton WaveLinX (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL - Enlighted, "C" Connected Lighting or "I" IOT ENL2 - Enlighted 2-Wire, "C" Connected Lighting or "I" IOT MOD - Mod options available <i>Control Options pg. 6</i>		

When specifying SOURCE the first _ is for specifying either A - 80CRI, 9 - 90CRI or B - BIOS. The ending _ are for specifying output, example HO - High Output. When specifying BIOS use B and then specify color temperature, either 3500K or 4000K, and output, example B35HO - BIOS 3500K High Output. If specifying QS output is 80 CRI, all color temperatures, all lumen packages. Does not include BIOS or Tunable White. See output charts for more information. BIOS dynamic available, please contact factory for more information

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570

LU14_LED_SPEC_MAR2022

A brand of **legrand**

**Job Name:**

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

LU14-A-840MO-GX-U-PL2-1-11C-W-FW6

Notes: Confirm Grid

Type:

G1X

SEATAC-WWA22-136744

PINNACLE
ARCHITECTURAL LIGHTING®

LUCEN LU14

Architectural Recessed

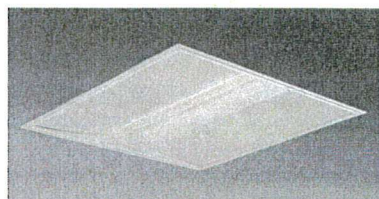
**Shielding**

- Single piece extruded diffuse lens with convex wings and articulated center spine
- Fully luminous housing with optimal glare control
- Highly reflective white reflectors maintain uniform lens brightness

Ordering Code

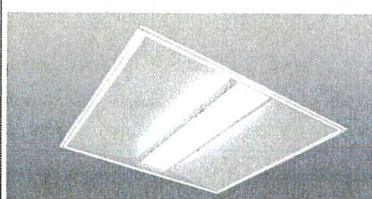
A

Satine Lens



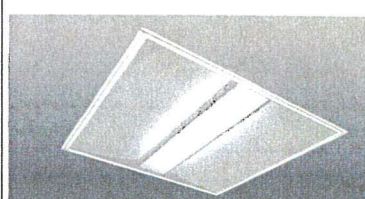
W

Satine Lens with White Trim



S

Satine Lens with Silver Trim

**Output**

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory.
- 80 CRI = R9≥19 and 90 CRI = R9≥61
- Not all products qualify for DLC listing. For a complete listing of the EV3D products that qualify for DLC, please go to the DLC website.

Custom Output- Lumens OR Wattage

CL Specify CRI, CCT and desired lumens (i.e. CL8351200)

Specify lumens between standard offering listed below. Lumens are specified per color temp

CW Specify CRI, CCT and desired wattage (i.e. CW94015)

Specify watts between standard offering listed below

80 CRI

	Color	Output	Watts	Shielding		W		S	
				A Satine Lens		White Trim		Silver Trim	
				Lumens	LPW	Lumens	LPW	Lumens	LPW
830LO	3000K	Low	17.9	1931	107.9	1742	97.3	1644	91.8
830MO	3000K	Middle	25.9	2881	111.2	2599	100.3	2452	94.7
830HO	3000K	High	36.5	3934	107.8	3548	97.2	3348	91.7
830VHO	3000K	Very High	59.3	5909	99.6	5330	89.9	5029	84.8
835LO	3500K	Low	17.9	1985	110.9	1790	100.0	1689	94.4
835MO	3500K	Middle	25.9	2961	114.3	2671	103.1	2520	97.3
835HO	3500K	High	36.5	4043	110.8	3647	99.9	3441	94.3
835VHO	3500K	Very High	59.3	6073	102.4	5478	92.4	5168	87.2
840LO	4000K	Low	17.9	2107	117.7	1901	106.2	1793	100.2
840MO	4000K	Middle	25.9	3145	121.4	2837	109.5	2676	103.3
840HO	4000K	High	36.5	4287	117.5	3867	105.9	3648	100.0
840VHO	4000K	Very High	59.3	6458	108.9	5825	98.2	5496	92.7

90 CRI

927LO	2700K	Low	17.9	1610	89.9	1452	81.1	1370	76.5
927MO	2700K	Middle	25.9	2401	92.7	2166	83.6	2044	78.9
927HO	2700K	High	36.5	3279	89.8	2958	81.0	2790	76.4
927VHO	2700K	Very High	59.3	4925	83.1	4443	74.9	4191	70.7
930LO	3000K	Low	17.9	1779	99.4	1605	89.6	1514	84.6
930MO	3000K	Middle	25.9	2654	102.5	2394	92.4	2259	87.2
930HO	3000K	High	36.5	3624	99.3	3269	89.6	3084	84.5
930VHO	3000K	Very High	59.3	5443	91.8	4910	82.8	4632	78.1
935LO	3500K	Low	17.9	1785	99.7	1610	89.9	1519	84.9
935MO	3500K	Middle	25.9	2662	102.8	2401	92.7	2265	87.5
935HO	3500K	High	36.5	3635	99.6	3279	89.8	3093	84.8
935VHO	3500K	Very High	59.3	5460	92.1	4925	83.1	4646	78.4
940LO	4000K	Low	17.9	1880	105.0	1696	94.7	1600	89.4
940MO	4000K	Middle	25.9	2806	108.3	2531	97.7	2388	92.2
940HO	4000K	High	36.5	3825	104.8	3450	94.5	3255	89.2
940VHO	4000K	Very High	59.3	5761	97.2	5196	87.6	4903	82.7

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

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LU14_LED_SPEC_MAR2022

**Job Name:**

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

LU14-A-840MO-GX-U-PL2-1-0-W-FW6

Notes: Confirm Grid

Type:

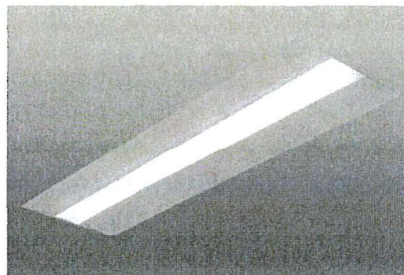
G1

SEATAC-WWA22-136744

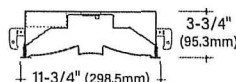
PINNACLE
ARCHITECTURAL LIGHTING®

Project Name _____

Date _____ Type _____

**LUCEN LU14**

1x4 Architectural Recessed



QUANTITY 142

Key Features

- Pre-painted formed 22 gauge cold rolled steel housing
- Highly reflective die-formed white painted reflector
- Wiring access available on both ends and top of housing
- LED offered with a 5-year limited warranty. Covers LED, driver and fixture
- UL and cUL Listed, LO, MO, and HO lumen packages are IC Rated
- Pre-painted fixtures are to be used in dry locations only
- For damp location, must specify Paint After Fabrication (PAF) in the Options section of the luminaire specification
- Maximum fixture weight is 15 lbs - Surface Mount Box adds 10 lbs
- Room-Side Maintenance for LED system
- Buy American Act compliant
- Indigo-Clean available, see Indigo-Clean specification sheets for details



QUICKSHIP



Example Part #: LU14-A-830HO-G1-U-OL2-1-0-W

LU14

SHIELDING

CRI, CCT & OUTPUT

MOUNTING

VOLTAGE

DRIVER

CIRCUITING

BATTERY & EMERGENCY

FINISH

FIXTURE OPTIONS

CONTROLS

SHIELDING	SOURCE Q ¹	MOUNTING	VOLTAGE
A - Satine Lens <i>QS</i> W - White Rails <i>QS</i> S - Silver Rails <i>QS</i> <i>Shielding pg. 2</i>	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 2</i>	G1 - 15/16" Grid <i>QS</i> G9 - 9/16" Grid <i>QS</i> GS - Screw Slot Grid <i>QS</i> FL - Flanged S - Surface Mount <i>Mounting pg. 3</i>	U - Universal (120 thru 277V) <i>QS</i> 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 3</i>

CONFIRM
MOUNTING

DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH
FSD - Factory Select Driver (1%, 0-10V) <i>QS</i> PL2 - Advance Xitanium (1%, 0-10V) <i>QS</i> OL4 - Osram 347V (1%, 0-10V) EE1 - eldoLED ECOdrive (1%, 0-10V) ES1 - eldoLED ECOdrive (1%, 0-10V) LH1 - Lutron Hi-Lume (1%, EcoSystem) <i>QS</i> PR1 - Advance Xitanium SR OL2 - Osram (1%, 0-10V) <i>QS</i> MOD - Mod options available <i>Driver pg. 4</i>	1 - Single Circuit <i>QS</i> E - Emergency <i>QS</i> <i>(entire fixture)</i> N - Night Light <i>QS</i> <i>(entire fixture)</i> <i>Circuiting pg. 4</i>	0 - None <i>QS</i> 1P - Bodine 10W <i>QS</i> 11C - Iota 10W, CEC Listed <i>QS</i> 1G - Bodine GTD FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD <i>Battery and Emergency pg. 4</i>	W - White <i>QS</i> MOD - Mod options available <i>Finish pg. 5</i>

FIXTURE OPTIONS ²	CONTROLS ³
QS - QuickShip <i>QS</i> TW - Through-wiring CP - Chicago Plenum <i>QS</i> AM - Antimicrobial Paint FW6 - 6' Flex Whip <i>QS</i> GLR - Fast Blow Fusing <i>QS</i> GMF - Slow Blow Fusing PAF - Paint after fabrication MOD - Mod options available <i>Fixture Options pg. 5</i>	DLMFC - Wattstopper DLM (wired) DLMFS - Wattstopper LLC (wireless) EASYS - Philips EasySense (wireless) SNSLM - Encellum Sensilum (wireless) WVLX - Eaton WaveLinx (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL - Enlighted, "C" Connected Lighting or "I" IOT ENL2 - Enlighted 2-Wire, "C" Connected Lighting or "I" IOT MOD - Mod options available <i>Control Options pg. 6</i>

When specifying SOURCE the first _ is for specifying either 8 - 80CRI, 9 - 90CRI or B - BIOS. The ending _ are for specifying output, example HO - High Output. When specifying BIOS use B and then specify color temperature, either 3500K or 4000K, and output, example B35HO - BIOS 3500K High Output. If specifying QS output is 80 CRI, all color temperatures, all lumen packages. Does not include BIOS or Tunable White. See output charts for more information. BIOS dynamic available, please contact factory for more information

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LU14_LED_SPEC_MAR2022

A brand of **legrand**

**Job Name:**

Lewis County Facilities Dept Public Works
Distributor: Platt Electric Supply - Olympia (Olympia)
Engineer: Hargis Engineers - Seattle (Seattle)

Catalog Number:

LU14-A-840MO-GX-U-PL2-1-0-W-FW6

Notes: Confirm Grid

Type:

G1

SEATAC-WWA22-136744

PINNACLE
ARCHITECTURAL LIGHTING®

LUCEN LU14 Architectural Recessed

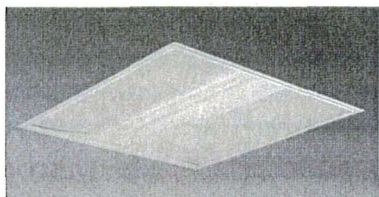
**Shielding**

- Single piece extruded diffuse lens with convex wings and articulated center spine
- Fully luminous housing with optimal glare control
- Highly reflective white reflectors maintain uniform lens brightness

Ordering Code

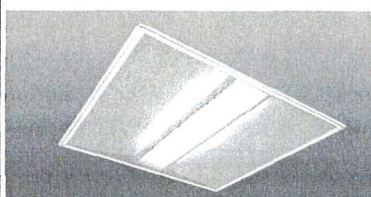
A

Satine Lens



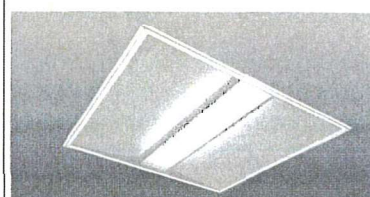
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Satine Lens with White Trim



S

Satine Lens with Silver Trim

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