PX LED
Perimeter Wall – Slot

Williams

6-3/8″
2″
4″

PXG-42 shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Wide asymmetric distribution produces ample general illumination in high-ceiling environments
- Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light
- Quick and easy installation with wall mounted bracket providing multiple pre-drilled screw locations and a quick hang feature for the fixture
- Solutions for both grid and drywall ceilings
- Adjustable extensions allow for a perfect fit to meet adjacent walls
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

BUY AMERICAN ACT COMPLIANT

SPECIFICATIONS

- **HOUSING** – Formed sheet metal and aluminum.
- **FINISH** – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multistage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- **ELECTRICAL** – High-quality mid-power LED boards. L70 >60,000 hours per IES TM-21. 25℃ maximum ambient operating temperature.
- **MOUNTING** – Wall mount rail, predrilled with wall screw locations, with quick hang feature.
- **LISTINGS** –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: PX G - 42 - 14'08 - L10/835 - S - LCAP/RCAP - OPTIONS - CONTROL/DIM - UNV

ORDERING INFO

SERIES	CEILING TYPE	WIDTH	HEIGHT	LENGTH
PX	**G** Grid **F** Drywall	**4** 4″ **6** 6″	**2** 2″	Lengths specified in feet and inches using 1″ increments, 2′ minimum. Example: **14'08** = 14'-8″

PRODUCT BUILDER
Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

LUMEN PACKAGE [1]	CRI	CCT	DISTRIBUTION	LEFT END TYPE		RIGHT END TYPE	
L4 400lm	**8** 80	**27** 2700K	**S** Slot	**LWALL** Wall		**RWALL** Wall	
L7 700lm	**9** 90 [2]	**30** 3000K		**LCAP** Cap		**RCAP** Cap	
L10 1000lm		**35** 3500K					
L13 1300lm		**40** 4000K					

OPTIONS

EM/10WLP	Low-profile 10-watt emergency battery [3]
EM/10WRM	Remote mount 10-watt emergency battery
(L__)	Additional lower lumen packages available [4] Example: 800 lumens = PXG-42-14'08-L10/835-**(L8)**

CONTROL

See page 3 for ADDITIONAL CONTROL/DRIVER OPTIONS.

–	None
AVI-LVFA	Avi-on wireless fixture control [5]
AWNR	Lutron Athena wireless node integral fixture control, RF only [6]

DRIVER

See page 3 for ADDITIONAL CONTROL/DRIVER OPTIONS.

DIM	Driver with external dimming wires
DRV	Driver without external dimming wires
DA	Driver with 12V auxiliary power, without external dimming wires [7]
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2) [8]

VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V [9]

NOTES

[1] Nominal lumens per foot output based on 80 CRI/3500K CCT. Actual lumens per foot may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
[2] Extended lead times may apply. Consult factory for availability.
[3] Not available with fixtures less than 4'
[4] (L3) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.

[5] DA Driver only. See page 3 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
[6] DA and DSR Drivers only.
[7] Avi-on and Lutron Athena Controls only.
[8] Lutron Athena Controls only.
[9] Not available with EM batteries, DA, or DSR drivers.

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Continuous
Page 1 of 3

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FIXTURE PERFORMANCE DATA

	WIDTH & HEIGHT	DELIVERED LUMENS PER FOOT	WATTAGE PER FOOT	EFFICACY (lm/W)
L4	42	390	4	98
	62	395		99
L7	42	682	7	97
	62	691		99
L10	42	974	10	97
	62	987		99
L13	42	1364	14	97
	62	1382		99

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

|	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
90 CRI	2700K	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86

PHOTOMETRY

PXF-42-03'08-L10/835-S-LCAP/RCAP-DIM-UNV Report #: 20584; 09/12/17 | Total Luminaire Output: 3570 lumens; 37.1 Watts | Efficacy: 96.3 lm/W | 83 CRI; 3574K CCT
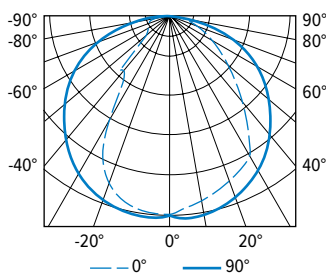
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1617	1617	1617	1617	1617	
5	1574	1604	1654	1634	1607	153
15	1494	1536	1616	1577	1530	438
25	1389	1423	1522	1436	1251	653
35	1145	1274	1378	1086	591	717
45	782	1001	1187	511	254	641
55	511	635	963	212	194	513
65	293	360	687	149	175	302
75	109	143	376	106	105	136
85	0	8	35	24	23	18
90	0	0	0	1	0	

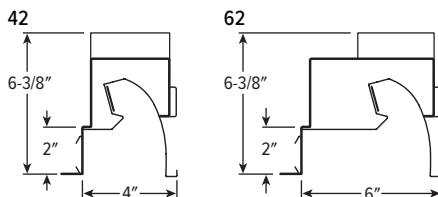| ZONE	LUMENS	% FIXTURE
0 - 30	1244	35
0 - 40	1961	55
0 - 60	3114	87
0 - 90	3570	100
0 - 180	3570	100

PXF-62-03'08-L10/835-S-LCAP/RCAP-DIM-UNV Report #: 20590; 09/11/18 | Total Luminaire Output: 3622 lumens; 37.2 Watts | Efficacy: 97.4 lm/W | 83 CRI; 3591K CCT
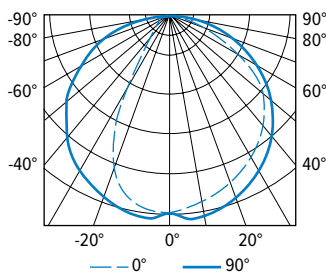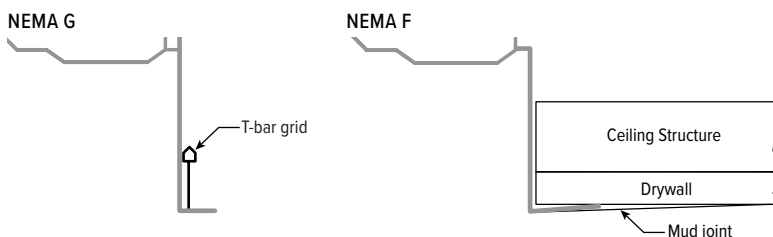

VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1627	1627	1627	1627	1627	
5	1586	1607	1676	1641	1610	154
15	1509	1536	1632	1568	1491	438
25	1405	1423	1536	1383	1068	640
35	1279	1271	1396	967	328	691
45	1096	1099	1200	318	157	659
55	864	872	969	134	115	548
65	453	565	681	89	106	313
75	156	209	352	72	78	163
85	0	4	25	21	19	16
90	0	0	0	0	0	

ZONE	LUMENS	% FIXTURE
0 - 30	1231	34
0 - 40	1923	53
0 - 60	3129	86
0 - 90	3622	100
0 - 180	3622	100

CROSS SECTIONS

CEILING TYPE DETAILS

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Continuous
Page 2 of 3

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AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple

- Gateway-free distributed control
- Factory pre-commissioning
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small offices to large warehouses
- Flexible control strategies

Secure

- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

COMMISSIONING & INSTALLATION TOOLS

Avi-on mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers. Live commissioning training and on-site or remote support by Avi-on must be ordered separately through Avi-on.
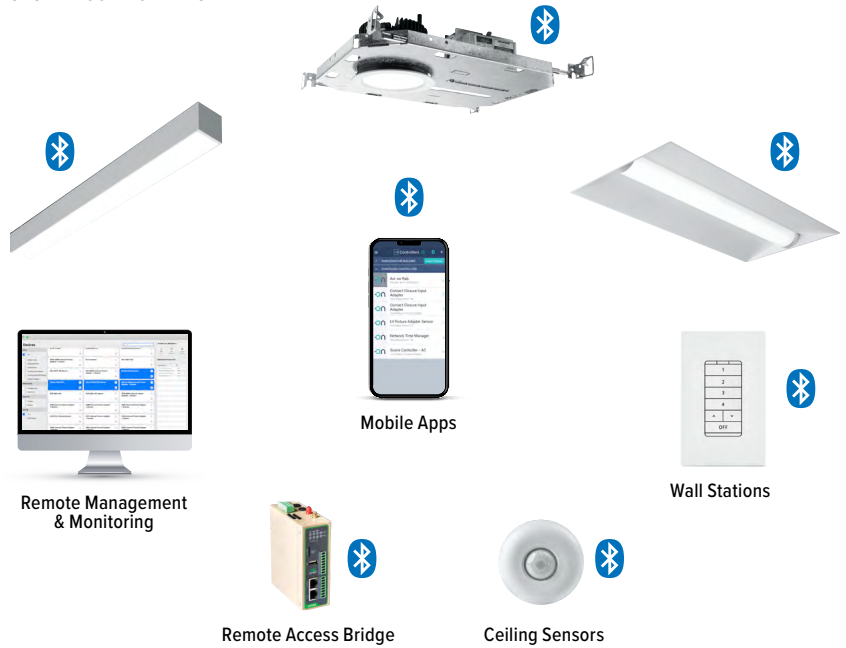

Commissioning Mobile App

Zone Scanner Web App

Commissioning Pro App

SYSTEM COMPONENTS

Remote Management & Monitoring

Mobile Apps

Remote Access Bridge

Ceiling Sensors

Wall Stations

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ACCESSORIES

WALL STATIONS	
AVI-2401AC	Scene controller - numbered 1-4, 120-277VAC
AVI-2402BAT	Scene controller - numbered 1-4, battery powered
AVI-2401AC-2	Dimmer with presets - percentages, 120-277VAC
AVI-2402BAT-2	Dimmer with presets - percentages, battery powered
AVI-2401AC-3	On/off/dimming, 120-277VAC
AVI-2402BAT-3	On/off/dimming, battery powered

For load controllers and additional accessory info, see hew.com/avi-on

NETWORK	
AVI-RAB-LTE	Remote access bridge – LTE connection
AVI-2001RAB-01-C	Remote access bridge – Wifi connection
AVI-KIT-NTM	Network time manager with battery backup

CEILING MOUNT SENSORS	
AVI-KIT-SEN-DUCM	PIR motion and ultrasonic sensor kit
AVI-KIT-SEN-ICM	PIR motion and photocell sensor kit

ADDITIONAL CONTROL/DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
AVI-LVFA/DA	Avi-on wireless fixture control for use with driver with 12V auxiliary power
AWNR/DA	Lutron Athena wireless node integral fixture control, RF only, for use with driver with 12V auxiliary power
AWNR/DSR	Lutron Athena wireless node integral fixture control, RF only, for use with sensor-ready driver (D4i DALI-2)
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver