

PXG-42 shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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
- Diffuse acrylic lens shields LEDs from view
- Made Right Here® in the USA

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 board. L70 > 50,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- **MOUNTING** – Wall mount rail, predrilled with wall screw locations, with quick hang feature.
- **LISTINGS** – cCSAus certified as luminaire suitable for dry or damp locations.
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty.

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe
- Consult factory for design support



ORDERING EXAMPLE: PX G - 42 - 14'08 - P11/835 - S - LCAP/RCAP - POE PR

ORDERING INFO

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

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
P6 600lm	8 80	27 2700K	S Slot	LWALL Wall	RWALL Wall
P11 1100lm	9 90 ^[2]	30 3000K		LCAP Cap	RCAP Cap
		35 3500K			
		40 4000K			
		50 5000K			
		TW Tunable white (3000K-5000K)			
TW2 Tunable white (2700K-6500K)					

CONTROL ^[3]

POE PR Power over Ethernet, Platformatics-ready

NOTES

- ¹ Lumens per foot based on 80 CRI, 3500K for single CCT and 4000K for TW. Actual lumens per foot may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ² Extended lead times may apply. Consult factory for availability.

³ See page 2 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.



FIXTURE PERFORMANCE DATA

STANDARD

	WIDTH & HEIGHT	DELIVERED LUMENS	WATTAGE PER FOOT	EFFICACY (lm/W)
P6	42	568	5.2	109.2
	62	587		112.9
P11	42	1059	10.4	101.8
	62	1094		105.2

TUNABLE WHITE

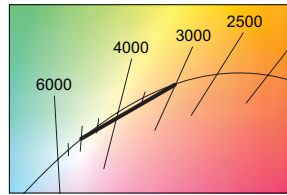
	WIDTH & HEIGHT	DELIVERED LUMENS	WATTAGE PER FOOT	EFFICACY (lm/W)
P6	42	531	5.2	102.1
	62	549		105.6
P11	42	968	10.4	93.1
	62	999		96.1

MULTIPLIER TABLE

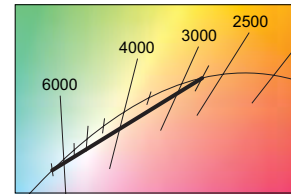
		COLOR TEMPERATURE			
		CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93	
	3000K	0.99	0.95	0.95	
	3500K	1.00	0.98	0.98	
	4000K	1.03	1.00	1.00	
	5000K	1.06	0.96	1.02	
	6500K	-	-	1.01	
90 CRI	2700K	0.80	-	0.93	
	3000K	0.82	0.91	0.95	
	3500K	0.83	0.96	0.98	
	4000K	0.86	1.00	1.00	
	5000K	0.89	1.03	1.03	
	6500K	-	-	1.02	

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary ±5%.
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary ±5%.
- Use multiplier table to calculate additional options.

TW

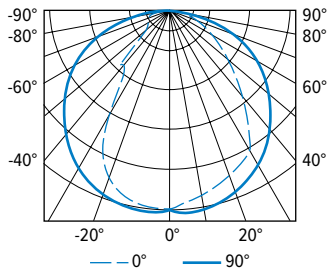


TW2



PHOTOMETRY

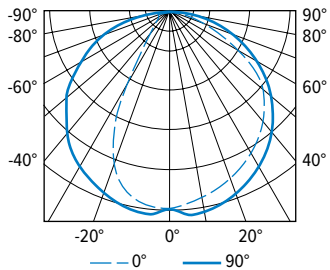
PXF-42-03'08-P11/835-S-LCAP/RCAP Total Luminaire Output: 3886 lumens; 38.2 Watts | Efficacy: 101.7 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1731	1731	1731	1731	1731	
5	1685	1717	1771	1749	1721	164
15	1600	1645	1730	1688	1638	469
25	1487	1524	1630	1537	1339	696
35	1226	1364	1475	1163	633	768
45	837	1072	1271	547	272	685
55	547	680	1031	227	208	538
65	314	385	736	160	187	354
75	117	153	403	113	112	178
85	0	9	37	26	25	35
90	0	0	0	1	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1329	34
	0 - 40	2096	54
	0 - 60	3320	85
	0 - 90	3886	100
	0 - 180	3886	100

PXF-62-03'08-P11/835-S-LCAP/RCAP Total Luminaire Output: 4015 lumens; 38.2 Watts | Efficacy: 105.1 lm/W | 80 CRI; 3500K CCT

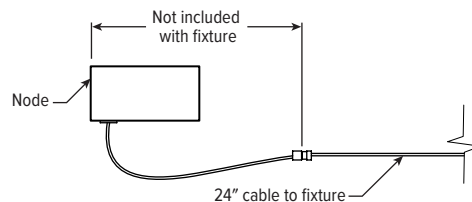


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1774	1774	1774	1774	1774	
5	1729	1752	1827	1789	1755	168
15	1645	1674	1779	1709	1625	476
25	1532	1551	1674	1508	1164	695
35	1394	1386	1522	1054	358	755
45	1195	1198	1308	347	171	703
55	942	951	1056	146	125	592
65	494	616	742	97	116	395
75	170	228	384	78	85	198
85	0	4	27	23	21	33
90	0	0	0	0	0	

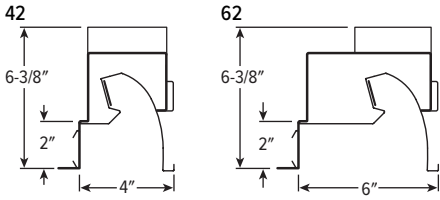
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1339	33
	0 - 40	2094	52
	0 - 60	3389	84
	0 - 90	4015	100
	0 - 180	4015	100

NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2



CROSS SECTIONS



CEILING TYPE DETAILS

