

PXG shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control
- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Dramatically illuminate accent walls and emphasize textured surfaces
- Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light
- Allows for 90° run connections in both inside and outside corner installs
- 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 and create corners
- Diffuse acrylic lens shields LEDs from view
- Made Right Here® in the USA

SYSTEM REQUIREMENTS

- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See hew.com/poe for details

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.
- LABELS** – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: PX G - 46 - 14'08 - P9/835 - G - L90IN/R45OUT - OPTIONS - POE N

ORDERING INFO

SERIES	CEILING TYPE	WIDTH	HEIGHT	LENGTH
PX	G Grid F Drywall	4 4"	6 6"	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
P5 500lm	8 80	27 2700K	G Graze	LWALL Wall	RWALL Wall
P9 900lm		30 3000K		LCAP Cap	RCAP Cap
		35 3500K		L90IN 90° inward	R90IN 90° inward
		40 4000K		L90OUT 90° outward	R90OUT 90° outward
		TW Tunable white (80 CRI, 3000K–5000K)			

OPTIONS ^[2]

- EM/10WLP** Low-profile 10-watt emergency battery ^[4]
- EM/10WRM** Remote mount 10-watt emergency battery ^[5]
- DG** Diffuse graze acrylic lens

CONTROL ^[3]

- POE N** Power over Ethernet network node
- POE D** Power over Ethernet device node ^[6]

NOTES

- Lumens per foot based on 3500K for single CCT and 4000K for TW. Actual lumens per foot may vary +/-5%. See page 2 for **FIXTURE PERFORMANCE DATA**.
- See hew.com/poe for compatible sensors and switches.
- For additional PoE info, see hew.com/poe.
- Minimum 4' fixture; 120V-277V only.
- Required for fixtures below 4'; 120V-277V only.
- Not available for fixtures over 40W.



FIXTURE PERFORMANCE DATA

STANDARD

	DELIVERED LUMENS	WATTAGE PER FOOT	EFFICACY (lm/W)
P5	500	5.2	96.2
P9	932	10.4	89.6

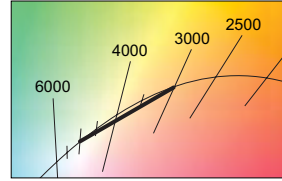
TUNABLE WHITE

	DELIVERED LUMENS	WATTAGE PER FOOT	EFFICACY (lm/W)
P5	467	5.2	89.8
P9	851	10.4	81.8

MULTIPLIER TABLE

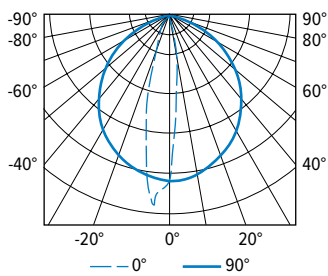
CCT	COLOR TEMPERATURE	
	STANDARD	TUNABLE WHITE
2700K	0.97	—
3000K	0.99	0.95
3500K	1.00	0.98
4000K	1.03	1.00
5000K	—	0.96

- 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.



PHOTOMETRY

PXF-46-03'08-P9/835-G-LCAP/RCAP-DIM-UNV Total Luminaire Output: 3303 lumens; 38.2 Watts | Efficacy: 86.5 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	4163	4163	4163	4163	4163	
5	2100	2794	4151	4976	4786	343
15	467	852	3931	3375	2135	668
25	259	284	3570	1377	567	636
35	227	238	3070	523	337	558
45	229	206	2463	330	180	450
55	170	190	1741	157	113	341
65	97	123	953	86	67	213
75	38	52	258	38	27	82
85	4	7	21	4	0	12
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1646	50
0 - 40	2204	67	
0 - 60	2996	91	
0 - 90	3303	100	
0 - 180	3303	100	

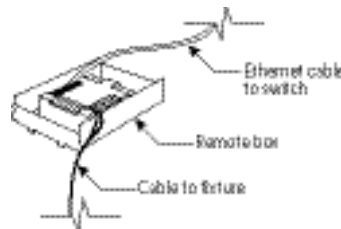
REMOTE MOUNT DETAILS

Includes 2' plenum-rated 18ga. solid cable. Remote box can be installed in:

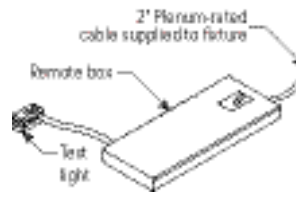
- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

See **Technical Info** for dimension details.

NODE

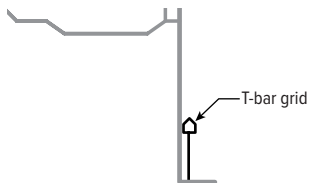


NODE AND EM OPTION

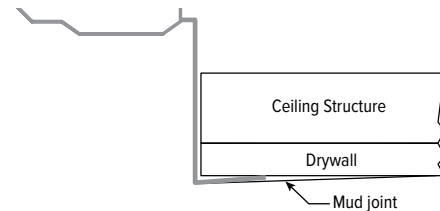


CEILING TYPE DETAILS

NEMA G

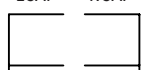


NEMA F



END TYPE DETAILS

LCAP



RCAP



L90IN



R90IN



L90OUT



R90OUT



EXAMPLE

