

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
- Subtly illuminate walls while providing low-glare ambient illumination
- 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

**ORDERING EXAMPLE: PXG - 42 - 14'08 - P11/835 - W - L90IN/R90OUT - OPTIONS - POE\*N**

**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"	4 4"	
			6 6"	

**PRODUCT BUILDER**

Simplify ordering & layout design with the Williams Linear Product Builder at [hew.com/product-builder](http://hew.com/product-builder)

LUMENS <sup>[1]</sup>	CRI	CCT	DISTRIBUTION	LEFT END TYPE	RIGHT END TYPE
P6 600lm	8 80	27 2700K	W Wash	LWALL Wall	RWALL Wall
P11 1100lm		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)			

**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](http://hew.com/poe) for details

**OPTIONS <sup>[2]</sup>**

<b>EM/10WLP</b>	Low-profile 10-watt emergency battery <sup>[4]</sup>
<b>EM/10WRM</b>	Remote mount 10-watt emergency battery <sup>[5]</sup>

**CONTROL <sup>[3]</sup>**

<b>POE N</b>	Power over Ethernet network node
<b>POE D</b>	Power over Ethernet device node <sup>[6]</sup>

**SPECIFICATIONS**

- HOUSING** – Formed sheet metal and aluminum.
- SHIELDING** – Extruded diffuse acrylic lens.
- 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. Maximum weight: 3.0 lbs/ft.
- 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](http://hew.com/warranty).

**NOTES**

- <sup>1</sup> Lumens per foot output based on 4000 CCT. Actual lumens per foot may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> See [hew.com/poe](http://hew.com/poe) for compatible sensors and switches.
- <sup>3</sup> For additional PoE info, see [hew.com/poe](http://hew.com/poe).
- <sup>4</sup> Minimum 4' fixture; 120V-277V only.
- <sup>5</sup> Required for fixtures below 4'; 120V-277V only.
- <sup>6</sup> Not available for fixtures over 40W.



**FIXTURE PERFORMANCE DATA**

**STANDARD**

	WIDTH & HEIGHT	DELIVERED LUMENS	WATTAGE PER FOOT	EFFICACY (lm/W)
P6	42	623	5.2	119.8
	44	518		99.6
	46	443		85.2
	62	639		122.9
	64	587		112.9
	66	523		100.6
P11	42	1161	10.4	111.6
	44	965		92.8
	46	826		79.4
	62	1192		114.6
	64	1094		105.2
	66	974		93.7

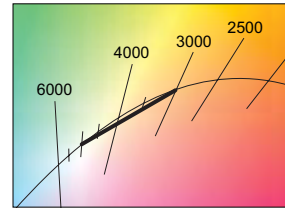
**TUNABLE WHITE**

	WIDTH & HEIGHT	DELIVERED LUMENS	WATTAGE PER FOOT	EFFICACY (lm/W)
P6	42	583	5.2	112.1
	44	484		93.1
	46	414		79.6
	62	598		115.0
	64	549		105.6
	66	489		94.0
P11	42	1061	10.4	102.0
	44	882		84.8
	46	755		72.6
	62	1089		104.7
	64	1000		96.1
	66	890		85.6

**MULTIPLIER TABLE**

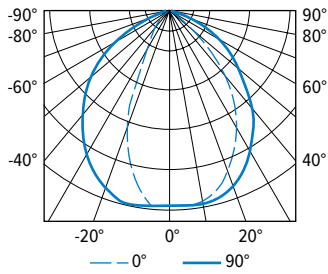
CCT	COLOR TEMPERATURE	
	LUMENS	
	STANDARD	TUNABLE WHITE
2700K	0.97	—
3000K	0.99	0.95
3500K	1.00	0.98
4000K	1.03	1.00
5000K	—	0.96

- 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**

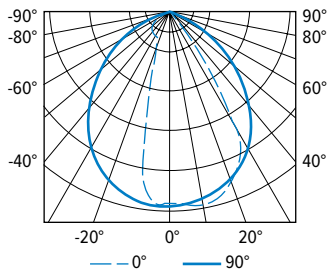
**PXF-42-03'08-P11/835-W-LCAP/RCAP-DIM-UNV** Total Luminaire Output: 3894 lumens; 38.2 Watts | Efficacy: 101.9 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	2200	2200	2200	2200	2200	
5	2223	2234	2229	2168	2112	209
15	2106	2205	2187	1928	1691	576
25	1769	1998	1994	1424	890	785
35	1328	1677	1693	815	455	808
45	724	1272	1278	429	247	672
55	334	654	848	211	162	448
65	166	224	497	128	120	257
75	72	111	174	81	52	117
85	6	23	15	8	2	24
90	3	0	3	2	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1569	40
	0 - 40	2377	61
	0 - 60	3497	90
	0 - 90	3894	100
	0 - 180	3894	100

**PXF-44-03'08-P11/835-W-LCAP/RCAP-DIM-UNV** Total Luminaire Output: 3237 lumens; 38.2 Watts | Efficacy: 84.7 lm/W | 80 CRI; 3500K CCT

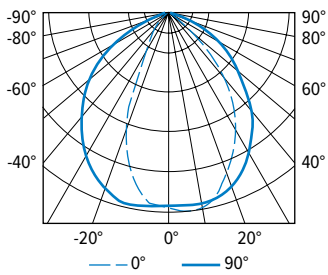


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	2184	2184	2184	2184	2184	
5	2189	2236	2223	2200	2159	209
15	2157	2227	2165	1892	1326	557
25	1520	1980	1966	859	537	680
35	513	1180	1659	492	348	607
45	327	472	1273	313	350	485
55	231	278	861	291	273	353
65	132	175	493	205	167	219
75	60	74	201	95	68	107
85	5	3	20	14	5	19
90	0	0	2	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1446	45
	0 - 40	2053	63
	0 - 60	2891	89
	0 - 90	3237	100
	0 - 180	3237	100



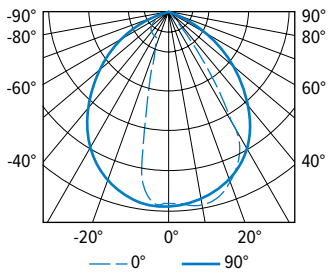
**PXF-62-03'08-P11/835-W-LCAP/RCAP-DIM-UNV** Total Luminaire Output: 3996 lumens; 38.2 Watts | Efficacy: 104.6 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	2164	2164	2164	2164	2164	
	5	2197	2163	2157	2163	2131	205
	15	2095	2098	2105	2024	1930	576
	25	1700	1862	1938	1669	1404	801
	35	1261	1488	1647	1131	611	815
	45	945	1077	1231	502	210	672
	55	639	772	826	186	70	486
	65	276	535	450	61	64	295
	75	109	143	165	53	47	123
	85	12	17	21	23	10	23
	90	0	2	2	2	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1582	40
	0 - 40	2397	60
	0 - 60	3555	89
	0 - 90	3996	100
	0 - 180	3996	100

**PXF-66-03'08-P11/835-W-LCAP/RCAP-DIM-UNV** Total Luminaire Output: 3266 lumens; 38.2 Watts | Efficacy: 85.5 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	2209	2209	2209	2209	2209	
	5	2254	2257	2216	2223	2180	210
	15	2217	2260	2157	1662	869	536
	25	1916	2042	1964	509	294	675
	35	987	1630	1657	274	302	651
	45	384	661	1269	271	304	491
	55	228	303	845	253	240	358
	65	138	164	492	185	156	221
	75	68	69	176	89	76	104
	85	12	7	13	15	15	20
	90	2	2	3	3	1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1421	44
	0 - 40	2072	64
	0 - 60	2921	89
	0 - 90	3266	100
	0 - 180	3266	100

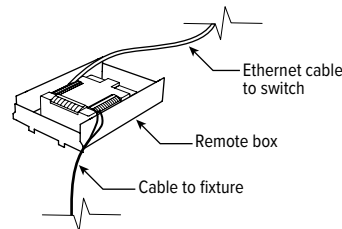
### REMOTE MOUNT DETAILS

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

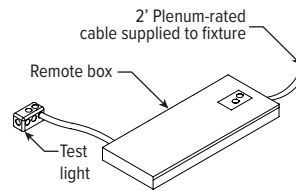
- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

See [Technical Info](#) for dimension details.

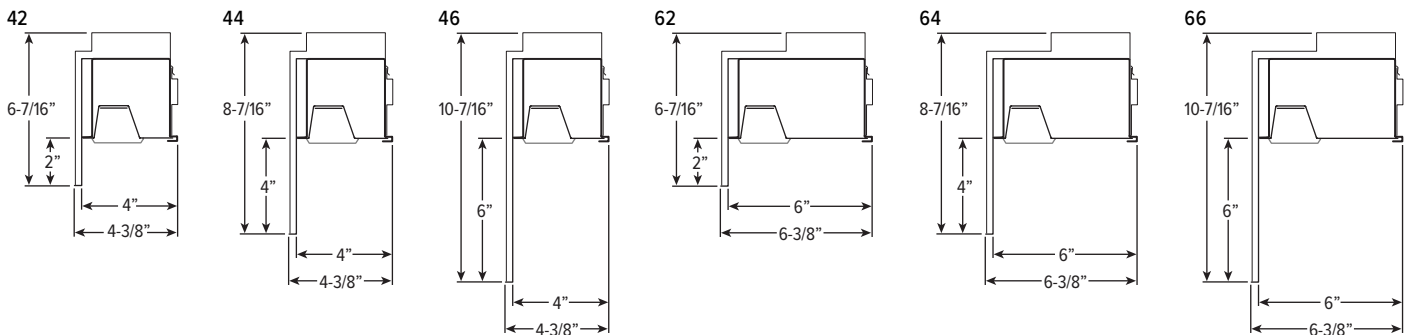
#### NODE



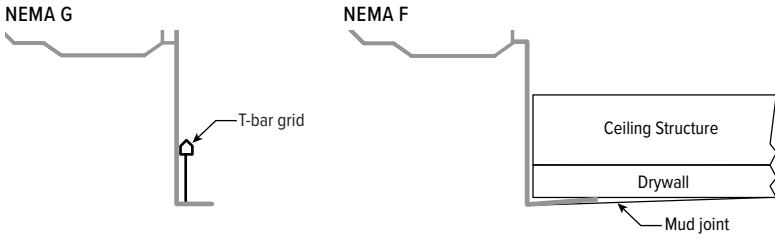
#### NODE AND EM OPTION



### CROSS SECTIONS



**CEILING TYPE DETAILS**



**END TYPE DETAILS**

