

Project:	
Location:	
Cat. No:	
Type:	
Lamps:	Qty:
Notes:	

[illegible]

- Extended lead times apply. Contact factory for details.
- Mounts to a 4-5" round pole with adapter included for square poles.
- Limited to a maximum of 45 degrees aiming above horizontal.
- Not allowed with DCC or Outdoor Interact (WAP).
- For luminaires to be IESNA compliant luminaires must include both SRDR and TRK
- Only 3000K CCT and below are IESNA International Dark Sky Approved.



Standard Arm (AR)



PureForm P26 Accessories (ordered separately, field installed)

PureForm P26 Accessories (ordered separately, field installed)

Shielding Accessories

1. Shielding can be included in ordering guide (HSS) to be installed in the factory or order

Controls Accessories

IRTS015	Handheld remote for grouping and configuration of Outdoor Interact WiAP (at least 1 recommended per site or use the Interact Pro app).
FSIR-100	Optional handheld remote for PIR motion sensor programming.

P26-SF-G2-(MG)	
(F) = Specify finish	
P26-SF-G2-(F)	Slip fitter mount (fits to 2 1/4" O.D. tenon)
P26-RAM-G2-(F)	Retrofit arm mount kit
P26-WG-G2-(F)	Wall mount with surface conduit rear entry permitted
P26-BD-G2	Bird deterrent (order as an accessory)

P26 lumen values

LED Wattage and Lumen Values - 70CRI 3000K

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

Predicted Lumens

Predicted Lumens

Predicted Lumen Depreciation Data

Optical Distributions



P26 lumen values

LED Wattage and Lumen Values - 70CRI 4000K

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

P26 PureForm LED large Area light

P26 lumen values

LED Wattage and Lumen Values – 70CRI 5000K

Ordering Code	System Current (Amps)	Average Power (Watts)	TSM			TSM			TSM			TSM			TSM		
			Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)
P26-400-780-0	500	68	11,754	83-U-02	178	11,754	83-U-02	178	11,754	83-U-02	178	11,754	83-U-02	178	11,754	83-U-02	178
P26-400-780-1	700	85	14,586	83-U-02	174	14,586	83-U-02	174	14,586	83-U-02	174	14,586	83-U-02	174	14,586	83-U-02	174
P26-400-780-2	850	100	17,931	83-U-02	173	17,931	83-U-02	169	17,931	83-U-02	169	17,931	83-U-02	169	17,931	83-U-02	169
P26-400-780-3	1000	123	21,016	83-U-02	171	20,842	83-U-04	168	20,842	83-U-04	168	20,842	83-U-04	168	20,842	83-U-04	168
P26-400-780-4	1200	149	24,962	83-U-02	168	24,962	83-U-04	165	24,962	83-U-04	165	24,962	83-U-04	165	24,962	83-U-04	165
P26-400-780-5	1400	174	27,607	83-U-02	160	27,607	83-U-04	156	27,607	83-U-04	156	27,607	83-U-04	156	27,607	83-U-04	156
P26-400-780-6	1600	198	31,550	84-U-04	177	30,988	83-U-04	174	30,988	83-U-04	174	30,988	83-U-04	174	30,988	83-U-04	174
P26-400-780-7	1800	220	35,357	84-U-04	171	34,580	83-U-05	168	34,580	83-U-05	168	34,580	83-U-05	168	34,580	83-U-05	168
P26-400-780-8	2000	243	38,229	84-U-04	166	37,478	84-U-05	166	37,478	84-U-05	166	37,478	84-U-05	166	37,478	84-U-05	166
P26-400-780-9	2200	267	44,523	84-U-04	167	43,730	84-U-05	168	43,730	84-U-05	168	43,730	84-U-05	168	43,730	84-U-05	168
P26-400-780-10	2400	294	49,424	84-U-04	163	48,584	84-U-05	160	48,584	84-U-05	160	48,584	84-U-05	160	48,584	84-U-05	160
P26-400-780-11	2600	314	54,473	85-U-05	159	53,600	84-U-05	156	53,600	84-U-05	156	53,600	84-U-05	156	53,600	84-U-05	156
P26-400-780-12	2800	333	59,462	85-U-05	156	58,600	84-U-05	153	58,600	84-U-05	153	58,600	84-U-05	153	58,600	84-U-05	153

TSM			TSM			TSM			TSM			TSM			TSM		
Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)
12,538	84-U-02	185	12,655	83-U-02	187	11,803	84-U-03	174	12,530	83-U-03	185	11,754	83-U-02	178	11,754	83-U-02	178
15,384	84-U-02	180	15,537	84-U-02	187	14,481	84-U-03	170	15,374	83-U-03	180	14,481	84-U-03	170	14,481	83-U-03	180
18,338	84-U-02	179	18,691	84-U-02	187	17,442	84-U-03	169	18,338	83-U-03	179	17,442	84-U-03	169	17,442	83-U-03	179
21,305	84-U-02	177	21,907	84-U-02	179	20,432	85-U-03	167	21,305	83-U-03	177	20,432	85-U-03	167	20,432	83-U-03	177
25,707	85-U-03	173	25,957	85-U-03	173	24,209	85-U-04	163	25,707	83-U-03	173	24,209	85-U-04	163	24,209	83-U-03	173
29,511	85-U-03	168	29,777	85-U-03	167	28,463	84-U-04	165	29,511	83-U-03	168	28,463	84-U-04	165	28,463	83-U-03	168
32,584	85-U-03	163	32,887	85-U-03	163	30,478	85-U-04	172	32,584	83-U-04	163	30,478	85-U-04	172	30,478	83-U-04	163
36,339	85-U-04	177	36,678	85-U-04	178	34,202	85-U-05	168	36,339	84-U-04	177	34,202	85-U-05	168	34,202	84-U-04	177
40,196	85-U-04	177	40,672	85-U-04	177	37,840	85-U-05	165	40,196	84-U-04	177	37,840	85-U-05	165	37,840	84-U-04	177
45,081	85-U-04	172	46,410	85-U-04	174	43,284	85-U-05	162	45,081	84-U-04	172	43,284	85-U-05	162	43,284	84-U-04	172
51,054	85-U-04	168	51,530	85-U-04	170	48,059	85-U-05	158	51,054	83-U-04	168	48,059	85-U-05	158	48,059	83-U-04	168
56,380	85-U-05	164	56,884	85-U-05	164	53,054	85-U-06	154	56,380	83-U-05	164	53,054	85-U-06	154	53,054	83-U-05	164
61,877	85-U-05	161	62,391	85-U-05	162	58,127	85-U-06	152	61,877	83-U-05	161	58,127	85-U-06	152	58,127	83-U-05	161

TSM			TSM			TSM			TSM			TSM			TSM		
Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)
8,930	81-U-02	132	8,930	-	81	8,930	-	81	8,930	-	81	8,930	-	81	8,930	-	81
10,956	81-U-02	128	10,956	-	81	10,956	-	81	10,956	-	81	10,956	-	81	10,956	-	81
13,458	81-U-02	128	13,458	-	79	13,458	-	79	13,458	-	79	13,458	-	79	13,458	-	79
16,338	81-U-02	123	16,338	-	78	16,338	-	78	16,338	-	78	16,338	-	78	16,338	-	78
20,306	81-U-04	122	20,306	-	83	20,306	-	83	20,306	-	83	20,306	-	83	20,306	-	83
24,208	81-U-04	122	24,208	-	82	24,208	-	82	24,208	-	82	24,208	-	82	24,208	-	82
28,881	81-U-04	128	28,881	-	79	28,881	-	79	28,881	-	79	28,881	-	79	28,881	-	79
34,229	81-U-04	125	34,229	-	79	34,229	-	79	34,229	-	79	34,229	-	79	34,229	-	79
40,196	82-U-05	123	40,196	-	77	40,196	-	77	40,196	-	77	40,196	-	77	40,196	-	77
46,811	82-U-05	120	46,811	-	76	46,811	-	76	46,811	-	76	46,811	-	76	46,811	-	76
54,041	82-U-05	117	54,041	-	75	54,041	-	75	54,041	-	75	54,041	-	75	54,041	-	75
61,877	82-U-05	115	61,877	-	72	61,877	-	72	61,877	-	72	61,877	-	72	61,877	-	72

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables. LED and luminaire tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric survey.

NOTE: Some data may be scaled based on beam of similar (but not identical) luminaires. Contact factory for configurations not shown.

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P26 PureForm LED large Area light

Specifications

Housing

Two-piece sealed enclosure with main part of the housing designed as the structural and heat sink frame over the LED array. The main part of the housing includes integral arm and separate, self-retained hinge, one-piece die cast. All die-cast parts made of zinc alloy die cast aluminum alloy for a high resistance to corrosion. The die-cast profile with optimized die-cast alloy housing designed to provide excellent heat transfer with minimum use of heat fins, giving the freedom to have a clean minimalist aesthetic design. Luminaire housing rated IP66, tested in accordance to Section 9 of IEC 60598-1.

Vibration resistance

Luminaire is tested and rated Level 2 Bridge and Overhead application (formerly 3B) optics conforming to standards set forth by ANSI C138.31-2023. Testing includes vibration to 3G acceleration in three axes, all performed on the same luminaire.

Light engine

Light engine comprises of a module of 40-LED aluminum metal clad board fully sealed with optics offered in multiples of 2 or 4 modules depending on luminaire package selected. A01-A05 use 2 LED modules. A06-A13 comes with 4 LED modules. Module is NEMA 3W or 5W. Luminaire temperature is per ANSI/NEMA B-770 Kahlav module (2725-1418), 3000 Kahlav module (3045K +/- 19K) or 4000 Kahlav module (3985K +/- 27K), CRI 90, TM 79, Typical Color CCR/CRI: 90 available, consult factory. LED light engine is rated IP68 in accordance to Section 9 of IEC 60598-1. Contact factory for details. LED light engine is rated IP68 in accordance to Section 9 of IEC 60598-1.

Energy saving benefits

System efficacy up to 185 lm/W with significant energy savings over legacy technology luminaires. Optional control features provide added energy savings during unoccupied periods.

Optical systems

Types: DM, AM, AN, SN, BM, SW, and Auto Front Row distributions available. Back light control (BLC) and Corner optics (LCL, RCL) optics are offered to meet LED Standards and to provide the best lighting control possible for stringent requirements around property lines. All optics when specified and used as rotated, are factory set only. Performance tested per LM-79 and TM-18 (IESNA) certifying its photometric performance. Luminaire designed with US light (up to IESNA TM-15).

Mounting

Standard mounting arm mounts to 0.0.0. round poles. Can also be used with 5/8" O.D. poles. Square pole adapter installed with every luminaire. Round Pole Adapter (RPA) required for 3-3.3" poles. PureForm features a retrofit arm kit. When used with the retrofit arm (RPA) optics, PureForm uses seamless optical conversions to LED by eliminating the need for additional pole drilling on most existing poles. RPA will be based separately. Also optional arm shifter and wall mounting accessories. Note that only fixed arms (AM, RM, WS) are required to meet DA Dark Sky compliance. SF mounting will not meet DA.

Control options

0-10V Dimming Control Options
DLEA: Allows 0-to-10V dimming levels supplied through the yoke of the luminaire (for secondary dimming control by others). Cannot be used with other control options.
Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to control total luminaire lumen output and light levels. Comes pre-set to the highest of the output positions. Consult factory for specific dimming settings for each position.

B/L02/B/L03/L04 Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming. B/L05/L06/L07 are set/separate in the following fashion: The light level is set to a constant 50% dim. When motion is detected by the PIR sensor, the luminaire returns to full power/illumination. Low dimming is factory set to 50% with 5 minutes default in full power prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage level reducing the light level. Other dimming settings can be provided if different dimming levels are required through use of option PIR 02 programming remote or alternate programming is required from the factory consult technical support.

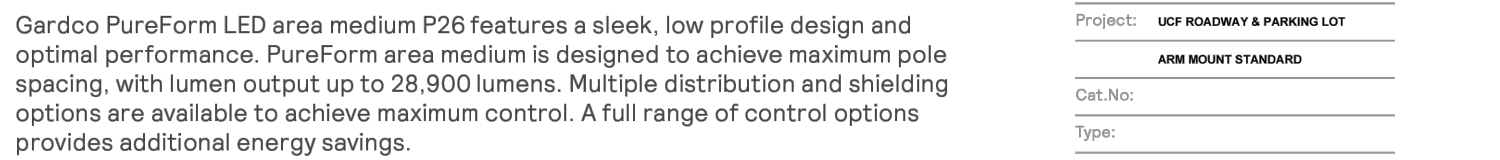
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P26 PureForm LED large Area light

P26 lumen values

LED Wattage and Lumen Values – 80CRI 5000K

Ordering Code	System Current (Amps)	Average Power (Watts)	TSM			TSM			TSM			TSM			TSM		
			Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)	Lumen Output	BIG Rating	Efficiency (lm/W)
P26-400-780-0	500	68	10,840	82-U-02	188	10,847	82-U-02	187	10,549	82-U-02	186	10,493	82-U-03	185	10,493	82-U-03	185
P26-400-780-1	700	85	12,600	82-U-02	185	12,600	82-U-02	185	12,600	82-U-02	185	12,600	82-U-02	185	12,600	82-U-02	185
P26-400-780-2	850	100	16,000	83-U-02	185	16,724	83-U-03	182	15,899	83-U-03	181	15,467	83-U-04	180	15,467	83-U-04	180
P26-400-780-3	1000	123	18,765	83-U-02	183	18,765	83-U-02	183	18,765	83-U-02	183	18,765	83-U-02	183	18,765	83-U-02	183
P26-400-780-4	1200	149	21,765	83-U-02	180	21,765	83-U-02	180	21,765	83-U-02	180	21,765	83-U-02	180	21,765	83-U-02	180
P26-400-780-5	1400	174	24,962	83-U-03	180	24,970	83-U-04	180	23,986	83-U-04	176	23,860	83-U-04	156	23,860	83-U-04	156
P26-400-780-6	1600	198	28,449	83-U-03	180	28,449	83-U-04	180	28,449	83-U-04	180	27,348	83-U-04	154	27,348	83-U-04	154
P26-400-780-7	1800	220	32,170	83-U-03	158	32,170	83-U-04	158	30,872	83-U-04	157	30,872	83-U-04	157	30,872	83-U-04	157
P26-400-780-8	2000	243	36,147	84-U-04	153	34,333	83-U-05	149	32,818	83-U-05	147	32,818	83-U-05	147	32,818	83-U-05	147
P26-400-780-9	2200	267	40,124	84-U-04	151	38,569	83-U-05	148	38,569	83-U-05	148	38,569	83-U-05	148	38,569	83-U-05	148
P26-400-780-10	2400	294	44,376	84-U-04	148	43,351	84-U-05	143	42,961	84-U-05	141	42,726	84-U-05	141	42,726	84-U-05	141
P26-400-780-11	2600	314	48,438	84-U-04	145	47,645	84-U-05	139	47,645	84-U-05	139	47,645	84-U-05	139	47,645	84-U-05	139
P26-400-780-12	2800	338	52,685	84-U-05	139	52,685	84-U-05	139	52,685	84-U-05	139	52,685	84-U-05	139	52,685	84-U-05	139

[illegible]

1. Extended lead lengths apply. Contact factory for details.	9. Must specify input voltage.	14. H15 not available with Types 5W, and BLC optics.
2. Mounts to a 4" x 4" round panel with adapter (included) for square panels.	10. Dimming will not be connected to NEMA receptacle if dimming with other controls is specified.	15. Limited to max. 600mA configurations.
3. Limited to a maximum of 45 degrees aiming above horizontal.	11. Not available with 480V.	16. Not available with DC, DCL, and FWS dimming control options.
4. Not available with other dimming control options.	12. Not available with DC.	17. Not available with DC, DCL, and LCL dimming control options.
5. Not available with motion sensor.	13. Not available with 5F and WS, RPW configurations with black finish standard.	18. Not available with DC, DCL, FAWS, LCL, and BLC dimming control options (SW or Dynalinear required).
6. Not available with photocell.		19. Must specify a motion sensor type.
7. Available only in 30 or 37V.		
8. Not available in 34 or 48V.		



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14. HIS not available with Type 5, 5W, and BLC optics

(F) = Specify finish

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LED Wattage and Lumen Values - 4000K

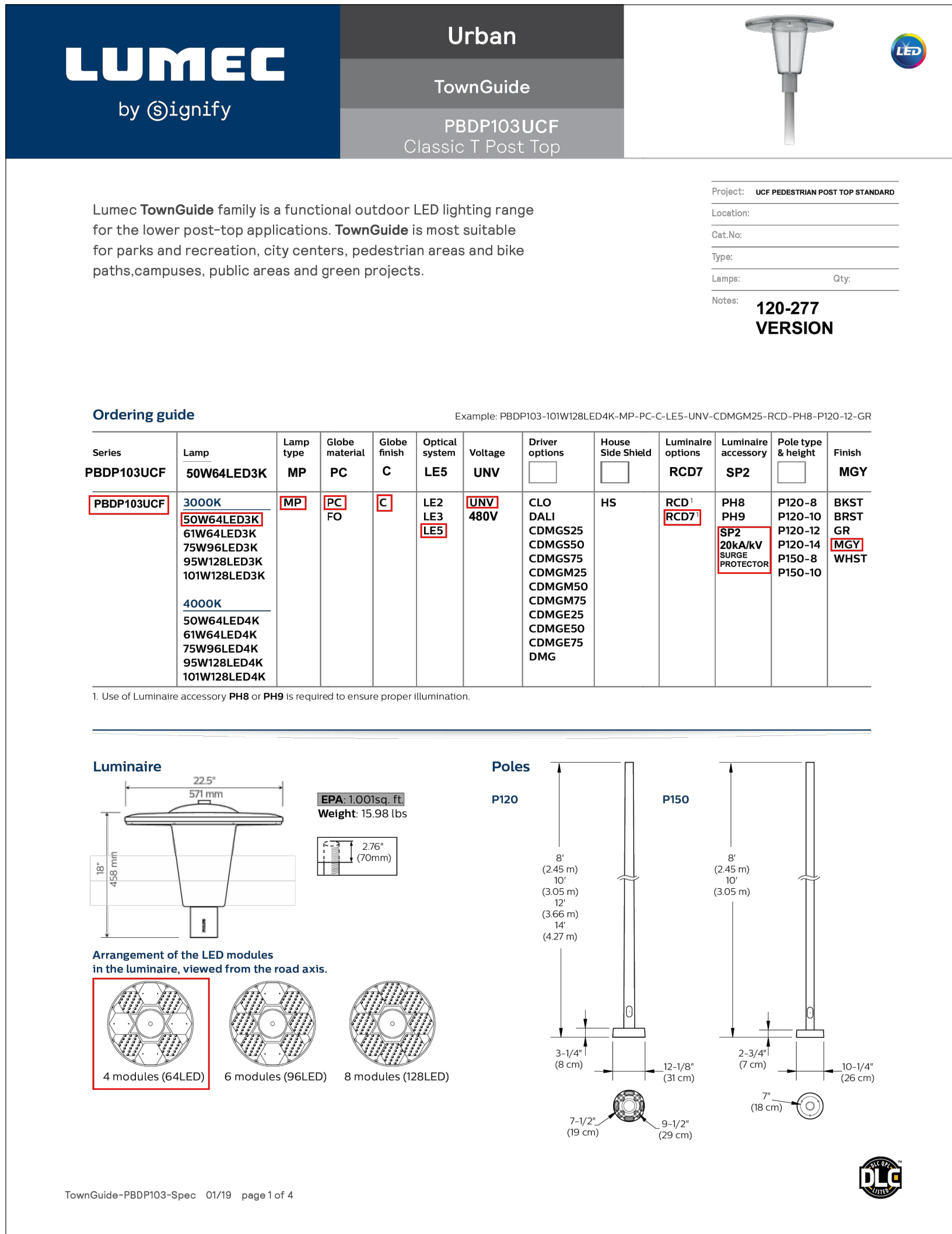
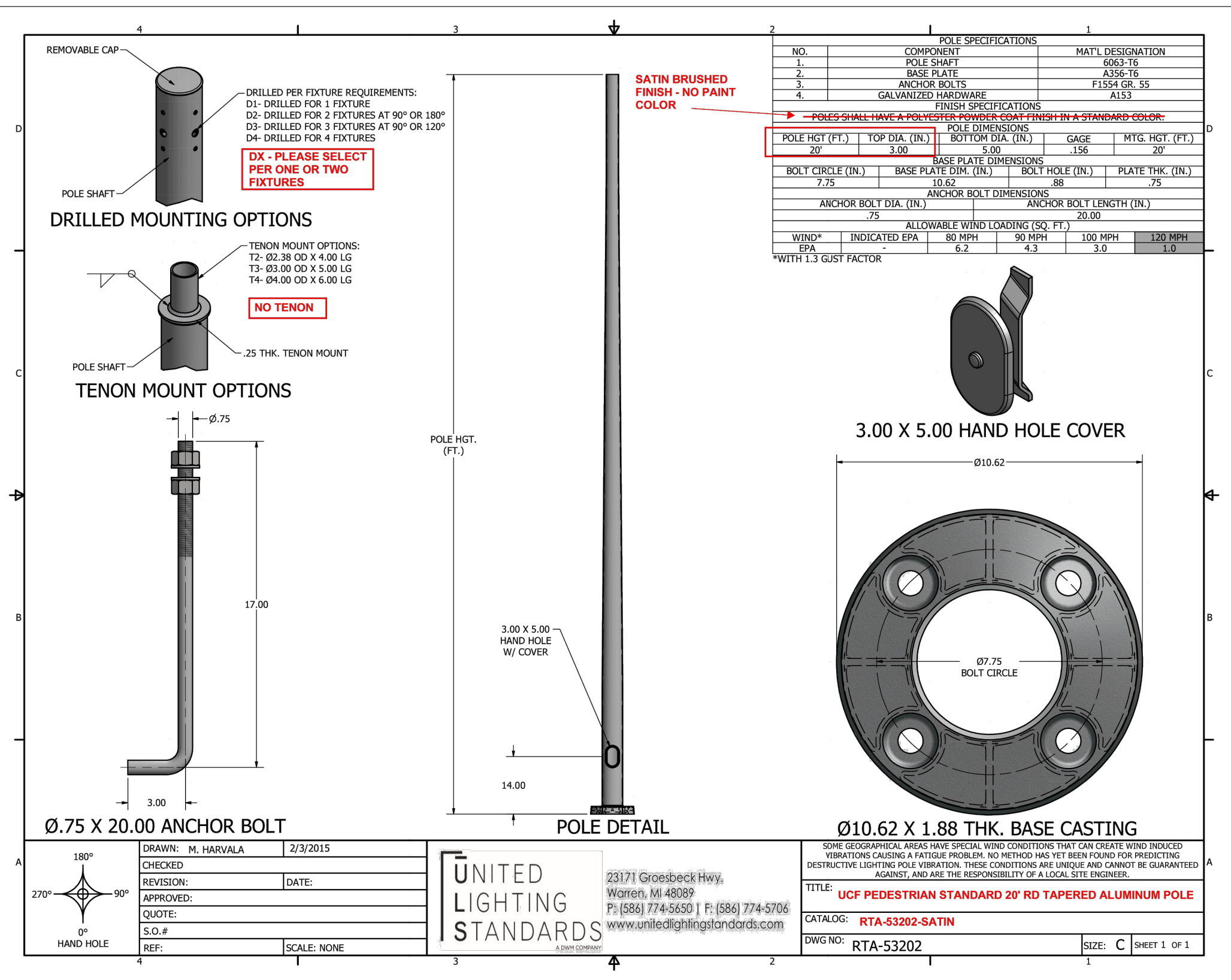
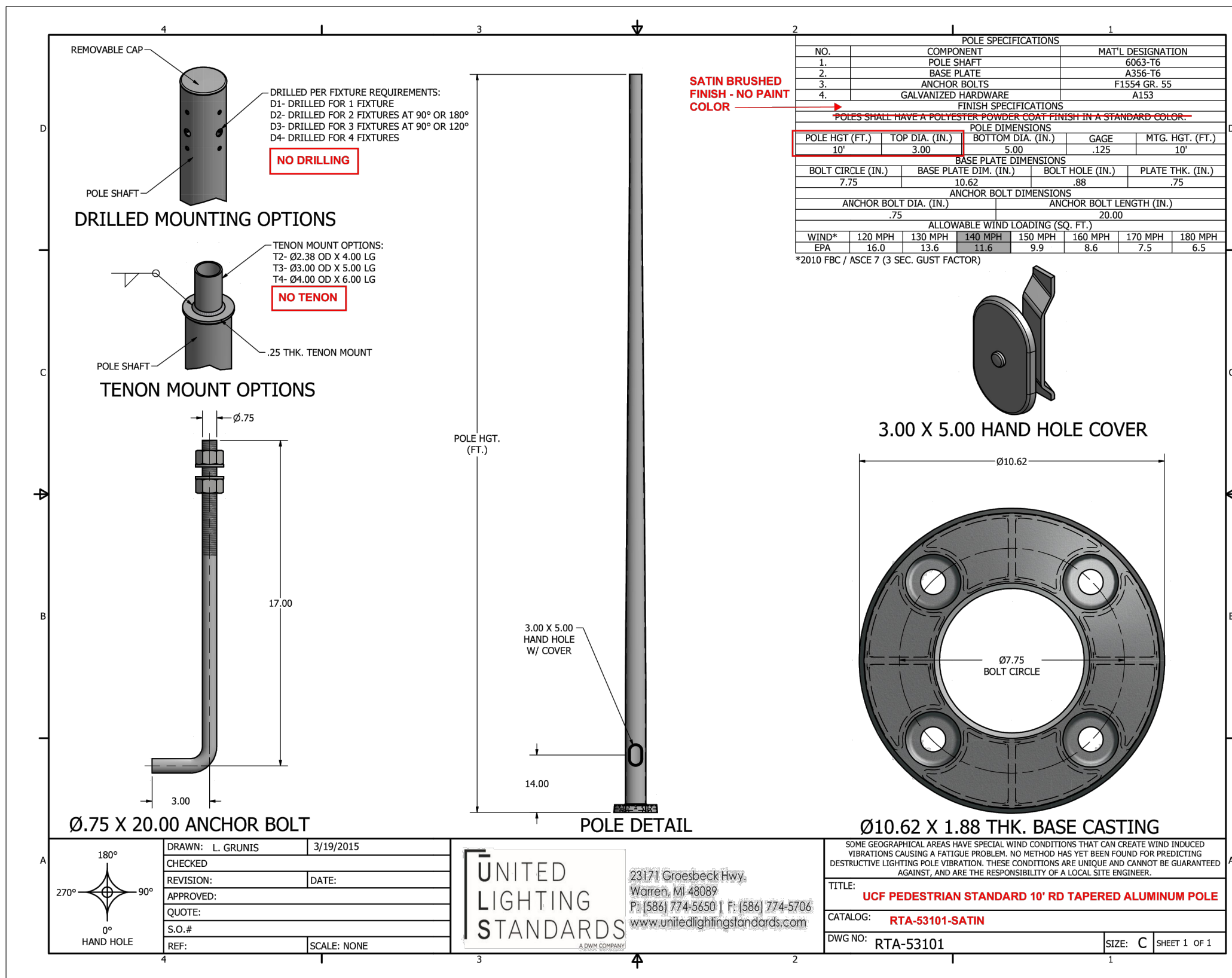
Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

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PBDP103 TownGuide Classic T Post Top Urban Luminaire

Clear Globe

LED = Mid-Power, CRI = 80, CCT = 3000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	LE2				LE3				LE5			
				Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
50W64LED3K-MP-PC-C	64	239	50	4557	91	B1-U2-G1	4635	92	B1-U2-G1	4743	94	B2-U2-G1			
61W64LED3K-MP-PC-C	64	284	62	5208	85	B1-U3-G1	5214	85	B1-U2-G1	5375	87	B3-U2-G1			
75W96LED3K-MP-PC-C	96	234	75	6787	90	B2-U3-G1	6869	91	B2-U3-G1	7040	93	B3-U3-G1			
95W128LED3K-MP-PC-C	128	229	95	8744	92	B2-U3-G2	8754	92	B2-U3-G2	9023	94	B3-U3-G1			
101W128LED3K-MP-PC-C	128	243	101	9110	90	B2-U3-G2	9120	90	B2-U3-G2	9401	93	B3-U3-G2			

LED = Mid-Power, CRI = 80, CCT = 4000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	LE5			
				Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	
50W64LED4K-MP-PC-C	64	239	51	4799	95	B1-U3-G1	4880
61W64LED4K-MP-PC-C	64	284	62	5485	89	B1-U3-G1	5491
75W96LED4K-MP-PC-C	96	234	76	7147	95	B2-U3-G2	7233
95W128LED4K-MP-PC-C	128	229	96	9208	96	B2-U3-G2	9218
101W128LED4K-MP-PC-C	128	243	102	9593	94	B2-U3-G2	9604

Frosted Globe

LED = Mid-Power, CRI = 80, CCT = 3000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	LE5			
				Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	
50W64LED3K-MP-PC-FO	64	239	50	3063	61	B1-U3-G1	
61W64LED3K-MP-PC-FO	64	284	62	3468	56	B1-U3-G1	
75W96LED3K-MP-PC-FO	96	234	75	4543	60	B2-U3-G1	
95W128LED3K-MP-PC-FO	128	229	95	5768	60	B2-U3-G1	
101W128LED3K-MP-PC-FO	128	243	101	6010	59	B2-U3-G1	

LED = Mid-Power, CRI = 80, CCT = 4000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	LE5			
				Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	
50W64LED4K-MP-PC-FO	64	239	51	3259	65	B1-U3-G1	
61W64LED4K-MP-PC-FO	64	284	62	3690	60	B1-U3-G1	
75W96LED4K-MP-PC-FO	96	234	76	4833	64	B2-U3-G1	
95W128LED4K-MP-PC-FO	128	229	96	6137	64	B2-U3-G1	
101W128LED4K-MP-PC-FO	128	243	102	6394	63	B2-U3-G1	

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

Note: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

PBDP103 TownGuide Classic T Post Top Urban Luminaire

Specifications

Hood

In a round shape, made of die cast A413 aluminum, mechanically fastened to the globe.

Globe (PC)

One-piece Seamless Impact resistant injected-molded clear UV-Stabilized polycarbonate. The globe is mechanically assembled on the hood and fitter. C clear or FO frosted finish.

Fitter

Made of die cast A413 Aluminum alloy. Comes with an easy self adjusting system with two 2 set screws M8 x 20 Allen type for ease of maintenance and installation. Fits on a 3/76mm outside diameter by 276/70mm long tenon.

LED Engine

Light engine composed of 3 main components: LED / Optical system / Driver Electrical components are RoHS compliant. Offered in configurations of 4, 6 or 8 modules. Product does not use any cooling device with moving parts (only passive cooling device). Each module is composed of 16 MP mid power white LEDs. Color temperature of 3000K and 4000K nominal, 80 CRI.

Optical system

LE2 (type II asymmetrical), LE3 (type III asymmetrical) or LE5 (type V symmetrical) light distributions. Composed of high-performance optical grade PMMA acrylic refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity. Optical system is rated IP66. Performance shall be tested per LM-63, LM-79 and TM-15 (IESNA) certifying its photometric performance. Street side indicated.

Driver

Driver comes with dimming compatible 0-10 volts. High power factor of 95%. Electronic driver, operating range 50/60 Hz. UNV: Auto-adjusting universal voltage input from 120 to 277 VAC rated for both application line to line or line to neutral, Class I, THD of 20% max. Maximum ambient operating temperature from -40° F (-40° C) to 130° F (55° C) degrees. Certified in compliance to UL1310 cULus requirement. Dry and damp location. Mechanically fastened on the hood.

The current supplying the LEDs will be reduced by the driver if the driver experiences internal overheating as a protection to the LEDs and the electrical components. Output is protected from short circuits, voltage overload and current overload. Automatic recovery after correction.

Wiring

Gauge (#18) TEW/AWM 1015 or 1230 wires. 6" (152mm) minimum exceeding from luminaire.

Surge protector

Surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance with U.S. DOE (Department of Energy) MSSLC (Municipal Solid State Street Lighting Consortium) model specification for LED Urban Luminaires electrical immunity requirements for High Test Level 10kV / 10kA.

Hardware

All exposed screws shall be stainless steel. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

Driver options

CLO: Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the LED module.

DALI: Pre-set driver compatible with the DALI control system.

CDMG: Dimmable driver 0-10V.

Ordering Code	Scenario	Dimming Time	Dimming Level
CDMG525	Safety	4 hours	25% power
CDMG580	Safety	4 hours	50% power
CDMG575	Safety	4 hours	75% power
CDMG625	Median	6 hours	25% power
CDMG650	Median	6 hours	50% power
CDMG675	Median	6 hours	75% power
CDMG625	Economy	8 hours	25% power
CDMG650	Economy	8 hours	50% power
CDMG675	Economy	8 hours	75% power

Luminaire option

RCD: Receptacle with 5 pins allowing dimming, can be used with a twist-lock, photoelectric cell or a shorting cap.

RCD7: Receptacle with 7 pins allowing dimming, can be used with a twist-lock, photoelectric cell or a shorting cap.

Options

HS: House side shield optional

Luminaire accessories

PH8: Photoelectric Cell, Twist-Lock Type complete with receptacle. Allows a 90° rotation.

PH9: Shorting cap, Twist-Lock Type complete with receptacle.

Finish: The Thermosetting powder coating provided meets the color requirements of the AAMA 2604 specification as measured per ASTM D2244. The Thermosetting product is applied as a dry film of 25 to 4.0 mils (64-102 microns) on textured finishes, resulting in a durable long lasting finish.

Finish Options Include:
BKST: Black Sand Textured
BRST: Bronze Sand Textured
GR: Dark Gray Sand Textured
MGY: Medium Gray Sand Textured
WHST: White Sand Textured.

Consult factory for custom finish options.

LED products (manufacturing standard)

The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340-5 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

Quality control

Manufactured to ISO 9001 2008 standards and ISO 14001 2004 International Quality Standards Certification.

Vibration resistance

Meets the ANSI C136.31, American National Standard for Roadway Luminaire Vibration specifications for normal applications (Tested for 15G over 100 000 cycles).

Certifications and Compliance

cETL listed to Canadian safety standards for wet locations. UL8750 and UL1598 compliant. ETL listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. LM80 & LM79 tested. Listed on the DesignLights™ Consortium (DLC) Qualified Products.

LUMEC

by @ignify

Urban

TownGuide

PBDP103UCF

Classic T Post Top





Lumec **TownGuide** family is a functional outdoor LED lighting range for the lower post-top applications. **TownGuide** is most suitable for parks and recreation, city centers, pedestrian areas and bike paths, campuses, public areas and green projects.

Project: **UCF PEDESTRIAN POST TOP STANDARD**

Location: _____

Est.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: **120-277**
VERSION

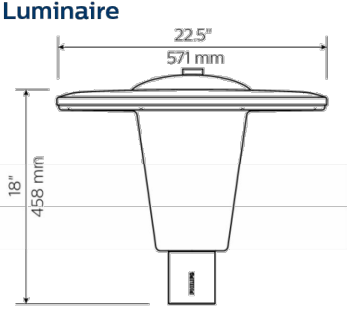
Ordering guide

Example: PBDP103-101W128LED4K-MP-PC-C-LES-UNV-CDMGG25-RCD-PH8-P120-12-GR

Series	Lamp	Lamp type	Globe material	Globe finish	Optical system	Voltage	Driver options	House Side Shield	Luminaire options	Luminaire accessory	Pole type & height	Finish
PBDP103UCF	50W64LED3K	MP	PC	C	LES	UNV			RCD7	PH8	P120-8	BKST
PBDP103UCF	3000K 60W64LED3K 61W64LED3K 75W96LED3K 95W128LED3K 101W128LED3K	MP	PC FO	C FO	LES LES	480V	CLO DALI CDMG525 CDMG575 CDMG250 CDMG550 CDMG75 CDMG25 CDMG50 CDMG75 DMG	HS	RCD7 RCD7	PH8 PH9 SP2 20KA/KV BURGE PROTECTOR	P120-8 P120-12 P120-14 P150-8 P150-10	GR GR MGY WHST
	4000K 50W64LED4K 61W64LED4K 75W96LED4K 95W128LED4K 101W128LED4K											

¹ Use of Luminaire accessory **PH8** or **PH9** is required to ensure proper illumination.

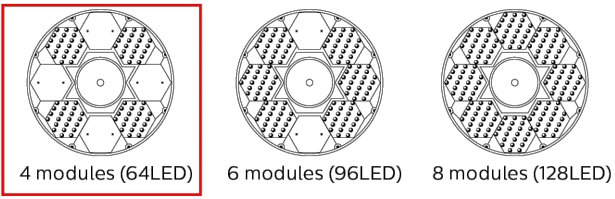
Luminaire



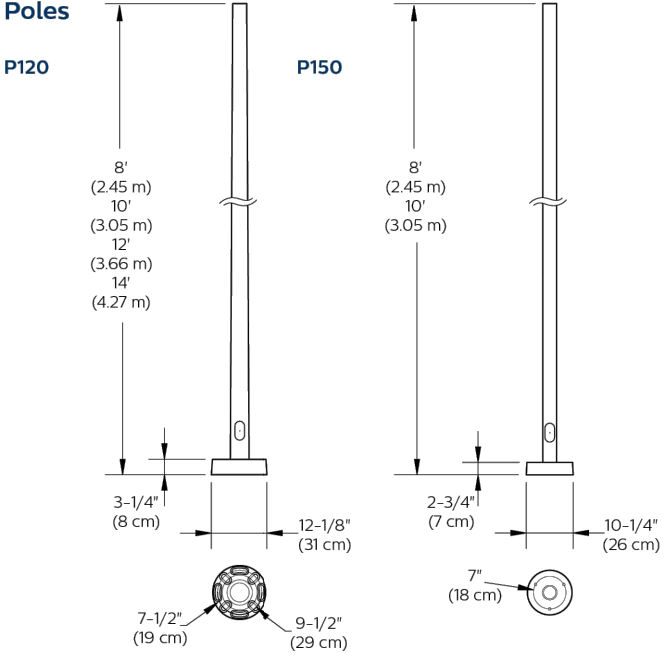
EPA: 1,001sq. ft.

Weight: 15.98 lbs

Arrangement of the LED modules in the luminaire, viewed from the road axis.



Poles



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PBDP103

TownGuide Classic T Post Top

Urban Luminaire

Clear Globe

LED = Mid-Power, CRI = 80, CCT = 3000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
50W64LED3K-MP-PC-C	64	239	50	4557	91	B1-U2-G1	4635	92	B1-U2-G1	4743	94	B2-U2-G1
61W64LED3K-MP-PC-C	64	284	62	5208	85	B1-U3-G1	5214	85	B1-U2-G1	5375	87	B3-U2-G1
75W96LED3K-MP-PC-C	96	234	75	6787	90	B2-U3-G1	6869	91	B2-U3-G1	7040	93	B3-U3-G1
95W128LED3K-MP-PC-C	128	229	95	8744	92	B2-U3-G2	8754	92	B2-U3-G2	9023	94	B3-U3-G1
101W128LED3K-MP-PC-C	128	243	101	9110	90	B2-U3-G2	9120	90	B2-U3-G2	9401	93	B3-U3-G2

LED = Mid-Power, CRI = 80, CCT = 4000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
50W64LED4K-MP-PC-C	64	239	51	4799	95	B1-U3-G1	4880	97	B1-U3-G1	4994	99	B2-U2-G1
61W64LED4K-MP-PC-C	64	284	62	5485	89	B1-U3-G1	5491	89	B1-U3-G1	5660	92	B3-U2-G1
75W96LED4K-MP-PC-C	96	234	76	7147	95	B2-U3-G2	7233	96	B2-U3-G2	7413	98	B3-U3-G1
95W128LED4K-MP-PC-C	128	229	96	9208	96	B2-U3-G2	9218	96	B2-U3-G2	9502	99	B3-U3-G2
101W128LED4K-MP-PC-C	128	243	102	9593	94	B2-U3-G2	9604	95	B2-U3-G2	9900	98	B3-U3-G2

LED = Mid-Power, CRI = 80, CCT = 3000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
50W64LED3K-MP-PC-FO	64	239	50	3063	61	B1-U3-G1						
61W64LED3K-MP-PC-FO	64	284	62	3468	56	B1-U3-G1						
75W96LED3K-MP-PC-FO	96	234	75	4543	60	B2-U3-G1						
95W128LED3K-MP-PC-FO	128	229	95	5768	60	B2-U3-G1						
101W128LED3K-MP-PC-FO	128	243	101	6010	59	B2-U3-G1						

LED = Mid-Power, CRI = 80, CCT = 4000K (+/- 350K), System (LED + driver) rated life = 70,000 hrs

LED Module	Total LEDs	LED Current (mA)	Average System Watts (W)	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating	Delivered Lumens (LM)	Efficacy (LPW)	BUG rating
50W64LED4K-MP-PC-FO	64	239	51	3259	65	B1-U3-G1						
61W64LED4K-MP-PC-FO	64	284	62	3690	60	B1-U3-G1						
75W96LED4K-MP-PC-FO	96	234	76	4833	64	B2-U3-G1						
95W128LED4K-MP-PC-FO	128	229	96	6137	64	B2-U3-G1						
101W128LED4K-MP-PC-FO	128	243	102	6394	63	B2-U3-G1						

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables. LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

Note: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

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PBDP103

TownGuide Classic T Post Top

Urban Luminaire

Pole options

P120: 4135 low-copper cast aluminum. 6063-T6 extruded aluminum. Anchor rods are hot dipped galvanized steel. Tenon/Top: 3" OD, Bolt Circle 7 1/2" - 9 1/2"; Anchor Rods (4) 3/4" dia x 13"; Base Dimensions: 11 1/2" dia x 2 3/8"; Base Cover: (Included) 12 1/8" dia x 3 1/4"; Hand Hole: 2" x 4" Oval, Shaft: 4" - 3" Tapered, Wall Thickness: 0.125 Aluminum, Height: 8', 10', 12', 14'

P150: 356 HM high-strength, low-copper, proprietary cast aluminum alloy. 319 permanent mold aluminum. 6005-T5 extruded aluminum. Anchor rods are hot dipped galvanized steel. Tenon/Top is 3" OD. Bolt Circle is 7"; Anchor Rods (3) 1/2" dia x 15 1/2"; Base Dimensions: 9 5/8" dia x 13/8"; Base Cover: (Included) 10 1/4" dia x 2 3/4"; Hand Hole: 2" x 4" Oval, Shaft: 3" Straight, Wall Thickness: 0.125 Aluminum, Height: 8' or 10'

LED Performance

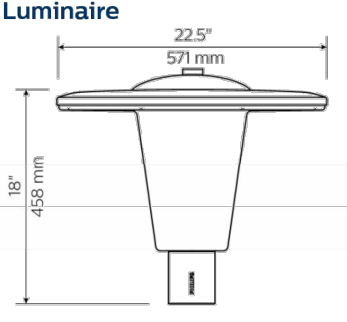
Predicted lumen depreciation data ¹				
Ambient Temperature (°C)	Driver mA	Calculated L ₇₀ hours ²	L ₇₀ per TM-213 ³	Lumen Maintenance % @ 60,000 hours
25°C	245 mA	>100,000	>60,000	89.8%

¹ Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.

² L₇₀ is the predicted time when LED performance deprecates to 70% of initial lumen output.

³ Calculated per IESNA TM21-11. Published L₇₀ hours limited to 6 times actual LED test hours.

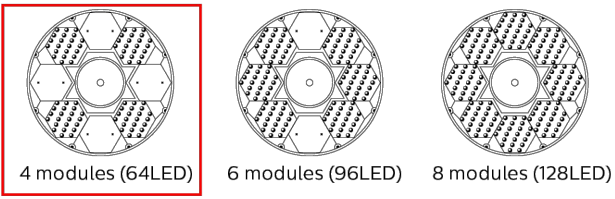
Luminaire



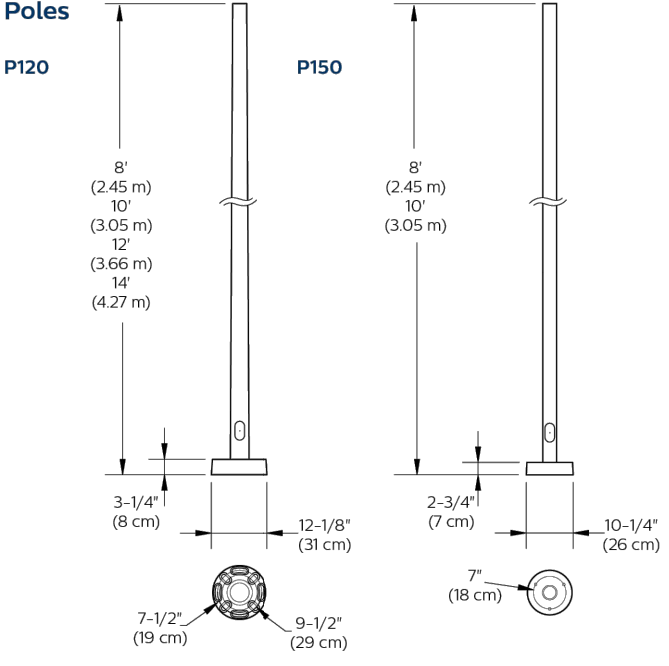
EPA: 1,001sq. ft.

Weight: 15.98 lbs

Arrangement of the LED modules in the luminaire, viewed from the road axis.



Poles



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PBDP103

TownGuide Classic T Post Top

Urban Luminaire

LED Performance

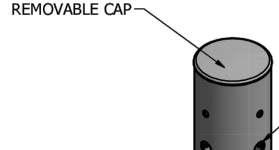
Predicted lumen depreciation data ¹				
Ambient Temperature (°C)	Driver mA	Calculated L ₇₀ hours ²	L ₇₀ per TM-213 ³	Lumen Maintenance % @ 60,000 hours
25°C	245 mA	>100,000	>60,000	89.8%

¹ Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.

² L₇₀ is the predicted time when LED performance deprecates to 70% of initial lumen output.

³ Calculated per IESNA TM21-11. Published L₇₀ hours limited to 6 times actual LED test hours.

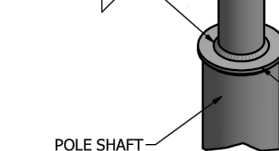
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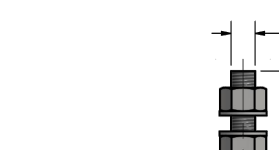
POLE SHAFT



DRILLED MOUNTING OPTIONS



TENON MOUNT OPTIONS



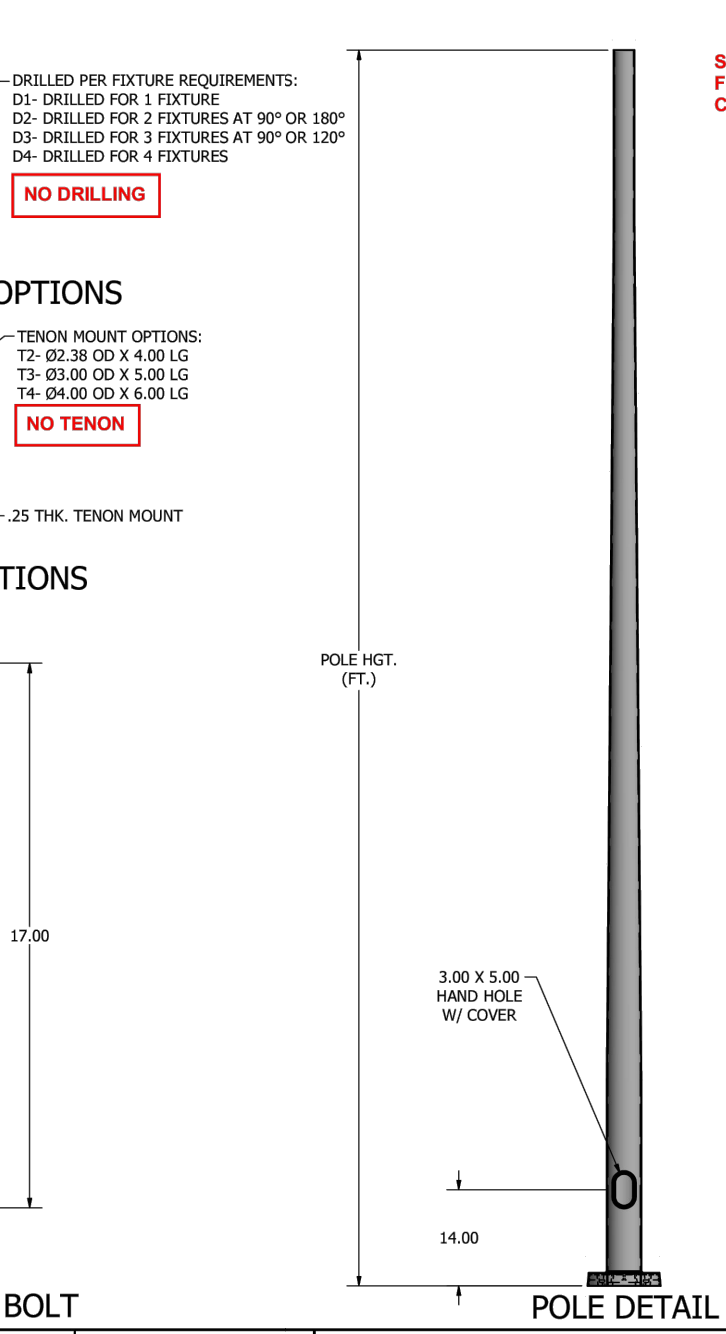
POLE SHAFT



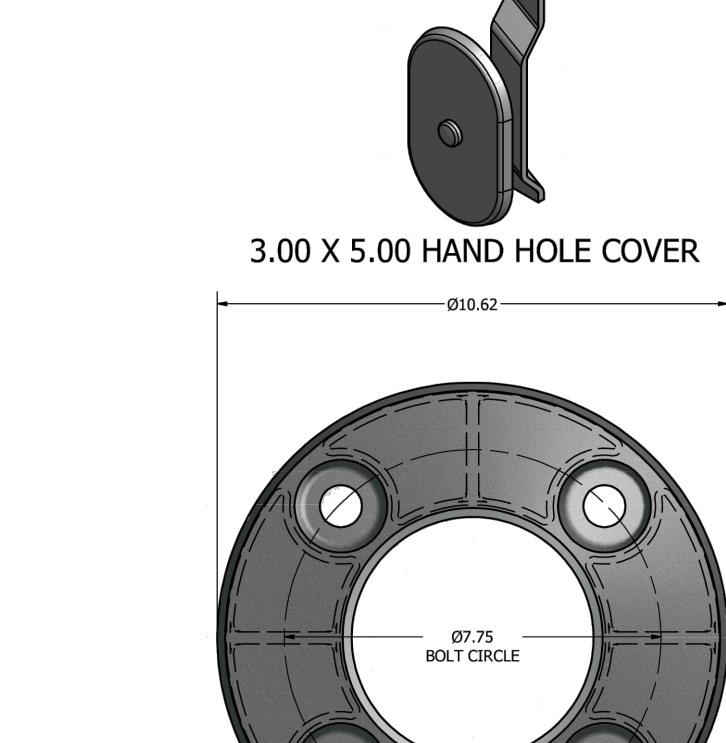
Ø.75 X 20.00 ANCHOR BOLT



POLE DETAIL



3.00 X 5.00 HAND HOLE COVER



POLE SPECIFICATIONS

NO.	COMPONENT	MAT'L DESIGNATION
1.	POLE SHAFT	6063-T6
2.	BASE PLATE	A356-T6
3.	ANCHOR BOLTS	F1554 GR. 55
4.	GALVANIZED HARDWARE	A193

POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.

POLE DIMENSIONS	
POLE HGT. (FT.)	POLE DIA. (IN.)
10	3.00
12	3.00
14	3.00
16	3.00

BASE PLATE DIMENSIONS	
BASE PLATE DIA. (IN.)	BASE PLATE THK. (IN.)
10.62	.75

ANCHOR BOLT DIMENSIONS	
ANCHOR BOLT DIA. (IN.)	ANCHOR BOLT LENGTH (IN.)
.75	20.00

ALLOWABLE WIND LOADING (SQ. FT.)	
WIND ¹ MPH	ALLOWABLE WIND LOADING (SQ. FT.)
120	1.00
130	1.10
140	1.20
150	1.30
160	1.40
170	1.50
180	1.60

*2010 FBC / ASCE 7 (3 SEC. GUST FACTOR)

UNITED LIGHTING STANDARDS

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Warren, MI 48090
P: (588) 774-5630 | F: (588) 774-5706
www.unitedlightingstandards.com

SWIRE GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREDICTING DESTRUCTIVE LIGHTING POLE VIBRATION. THESE CONDITIONS ARE UNIQUE AND CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE: **UCF PEDESTRIAN STANDARD 16" RD TAPERED ALUMINUM POLE**

CATALOG: **RTA-53101-SATIN**

DWG NO: **RTA-53101**

SIZE: **C** SHEET 1 OF 1

@ignify

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Somerset, NJ 08859
Telephone 855-486-2216

Signify Canada Ltd.
281 Hilmant Road
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

www.lumec.com



PureForm & EcoForm Luminaire Mounted on PTF2 (3-1/2" O.D.), PTF3 (4-1/2" O.D.) or PTF4 (5.00" O.D.) Pole Top Fitter

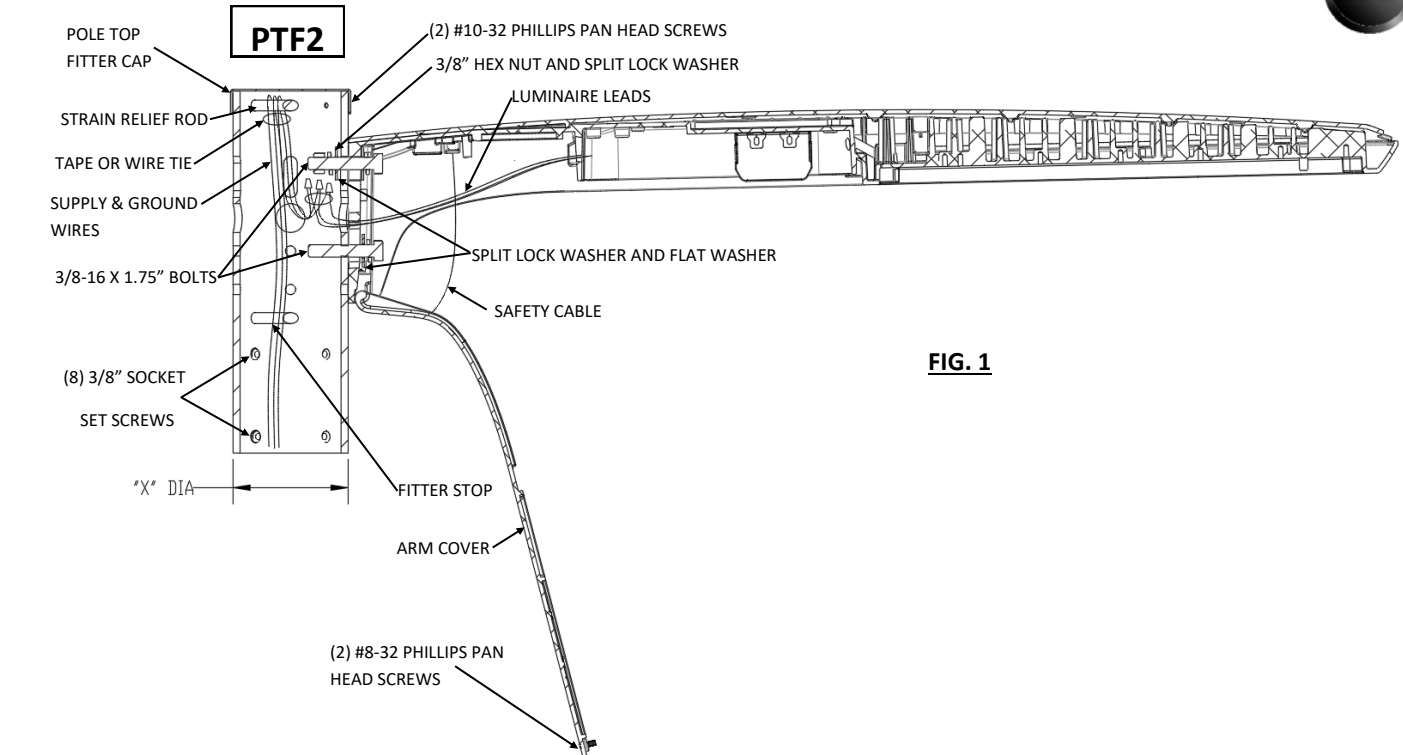


FIG. 1

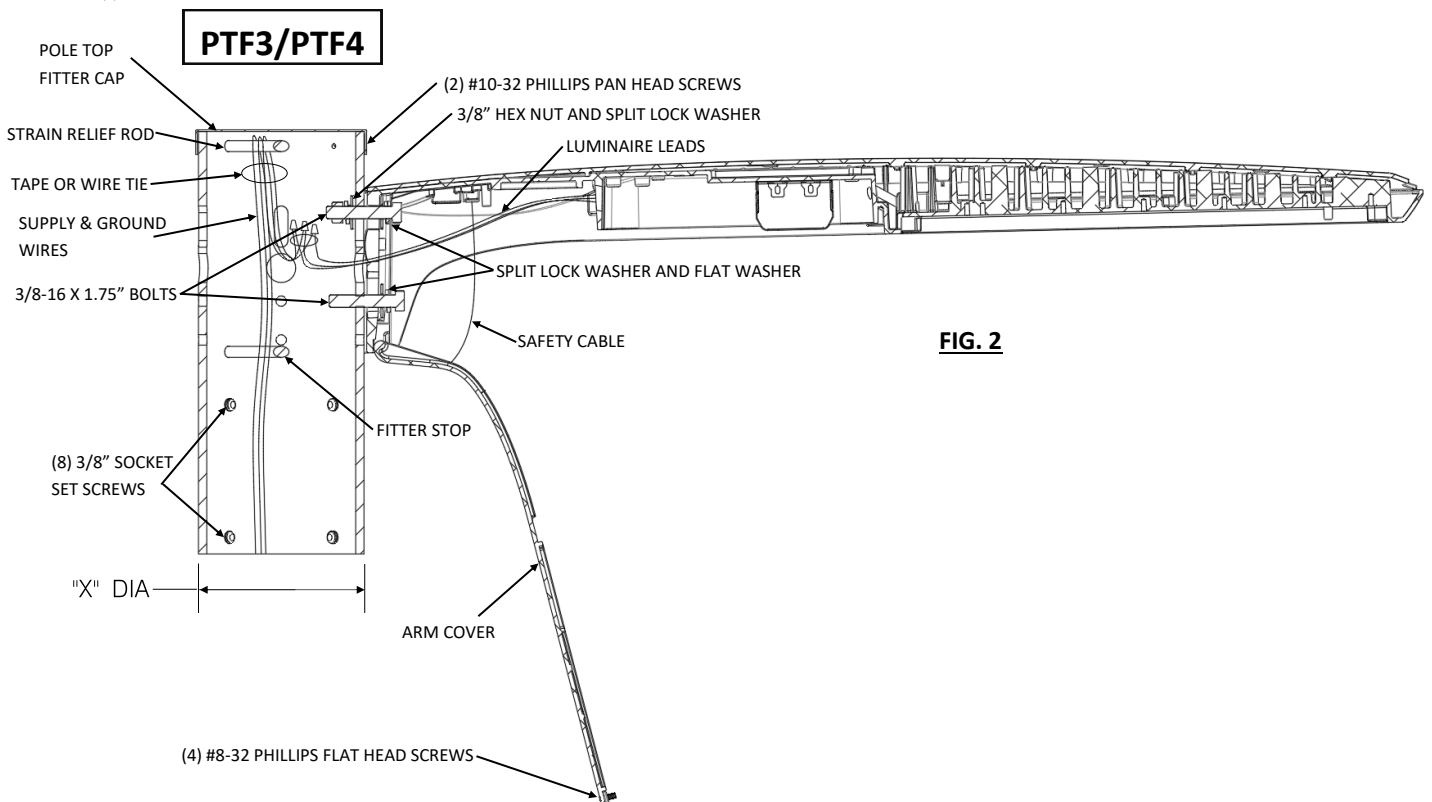
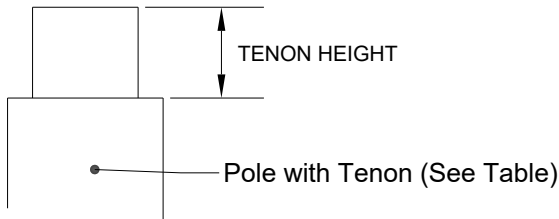


FIG. 2

**PureForm & EcoForm Luminaire Mounted on PTF2 (3-1/2" O.D.),
PTF3 (4-1/2" O.D.) or PTF4 (5.00" O.D.) Pole Top Fitter**



FITTER TYPE	"X" DIA. (Ø)	USED ON TENON SIZE
PTF2	3-1/2"	2-3/8" TO 2-1/2" O.D. X 4" HIGH
PTF3	4-1/2"	3" TO 3-1/2" O.D. X 6" HIGH
PTF4	5"	3-1/2" TO 4" O.D. X 6" HIGH

FIG. 3

1. Open Arm Cover by loosening (2) #8-32 Phillips Pan Head Screws located on bottom of mounting arm (screws are captive and will remain on door). Door is attached to arm with a safety cable and can be removed if necessary. (See Fig. 1 & 2)
2. Attach luminaire/arm assembly to Pole Top Fitter by lining up the threaded hole on PTF to bottom hole on Arm.
3. Thread the bottom 3/8" bolt, lock washer, and flat washer into the lower tapped hole of the PTF from the inside of arm assembly and tighten. (See Fig. 1,2 & 4)
4. Pass the top 3/8" bolt, lock washer, and flat washer through the arm and into the top hole of the PTF. Secure with 3/8" lock washer and hex nut. Torque both bolts to approximately 45 FT.-LBS.
5. Install the Pole Top Fitter/Luminaire onto the Tenon. Top of the tenon must seat against the fitter stop. Level and secure with (8) 3/8" socket set screws. Torque to approximately 20 FT.-LBS.
6. Install strain relief rod through two holes in top of fitter, and route supply and ground wires over the strain relief rod. Tie off with tape or wire tie as shown.
7. Connect field supply and ground wires to luminaire leads. Make wire connections per NEC or applicable local codes. Secure with wire tie.
8. Install PTF Cap and secure in place with (2) #10-32 Phillips Pan Head Screws.
9. Install Photo Control in housing if used.
10. Close Arm Assembly Cover and secure with (2) #8-32 Phillips Pan Head Screws.
11. Apply a bead of suitable weatherproof sealant to horizontal top, vertical left and right edges of Arm where it contacts the pole to prevent water entry. (See Figure 5)
12. Energize Luminaire to test installation.

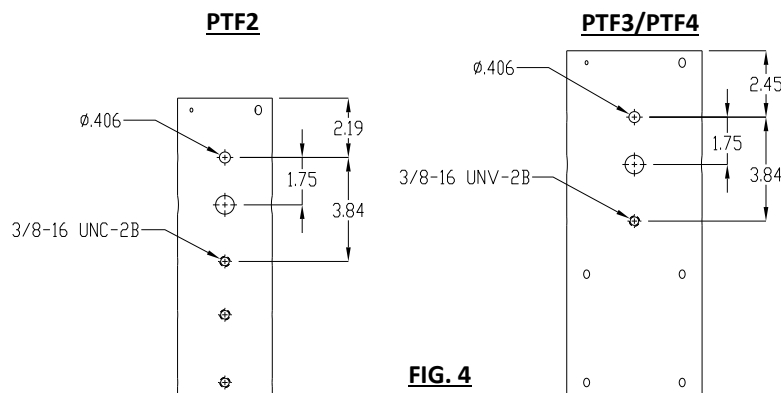
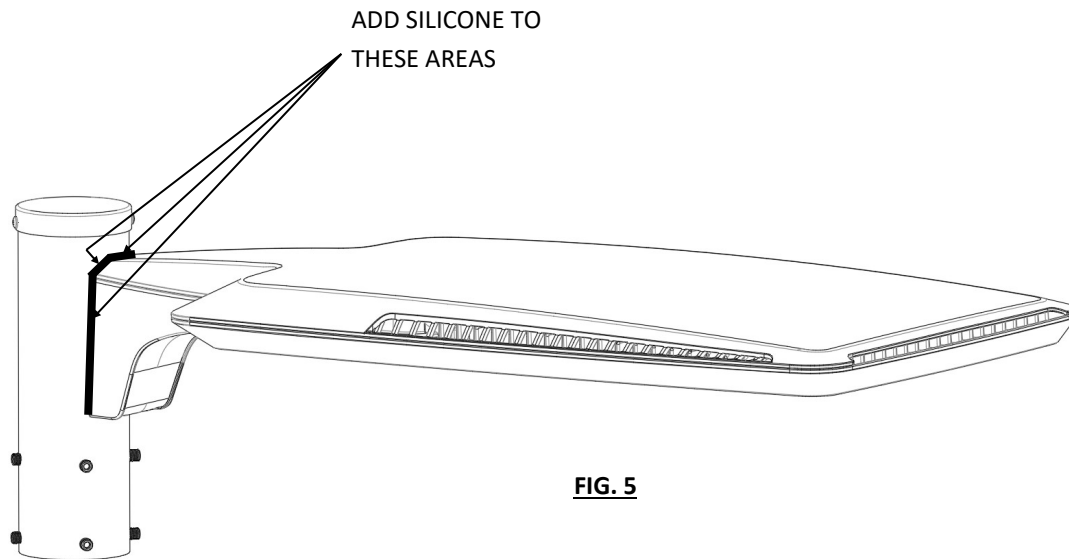


FIG. 4

**PureForm & EcoForm Luminaire Mounted on PTF2 (3-1/2" O.D.),
PTF3 (4-1/2" O.D.) or PTF4 (5.00" O.D.) Pole Top Fitter**





Gardco PureForm LED area medium P26 features a sleek, low profile design and optimal performance. PureForm area medium is designed to achieve maximum pole spacing, with lumen output up to 28,900 lumens. Multiple distribution and shielding options are available to achieve maximum control. A full range of control options provides additional energy savings.

Project:	
Location:	
Cat.No:	
Type:	
Lumens:	Qty:
Notes:	

Ordering guide

example: **P26-64L-800-NW-G2-AR-3-120-HIS-MGY**

Prefix	Number of LEDs	Drive Current	LED Color – Generation	Mounting	Distribution	Voltage		
P26								
P26 PureForm area medium, 26"	48L 48 LEDs (3 modules)	400 400mA	WW-G2 Warm White 3000K, 70CRI Generation 2	AR Arm Mount (standard) ² The following mounting kits must be ordered separately (See accessories)	Type 2 2 Type 2 2-90 Rotated at 90° 2-270 Rotated at 270°	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60Hz) HVU 347-480V (50/60Hz)		
		500 500mA	NW-G2 Neutral White 4000K, 70CRI Generation 2				Type 5 5 Type 5 5W Type 5W	
		600 600mA						
	64L 64 LEDs (4 modules)	700 700mA	CW-G2 Cool White 5000K, 70CRI Generation 2	SF Slip Fitter Mount ³ (fits to 2 ³ / ₈ " O.D. tenon)	Type 3 3 Type 3 3-90 Rotated at 90° 3-270 Rotated at 270°	AFR Auto Front Row AFR-90 Auto Front Row, rotated at 90° AFR-270 Auto Front Row, rotated at 270°		
		700 700mA	WY-G2 Warm Yellow 2700K, 80 CRI Generation 2 ¹				AFR-90 Auto Front Row, rotated at 90°	
		800 800mA					AFR-270 Auto Front Row, rotated at 270°	
	80L 80 LEDs (5 modules)	700 700mA	BW-G2 Balanced White 3500K 80CRI Generation 2 ¹	WS Wall mount with surface conduit rear entry permitted	Type 4 4 Type 4 4-90 Rotated at 90° 4-270 Rotated at 270°	BLC Back Light Control BLC-90 Back Light Control rotated at 90° BLC-270 Back Light Control rotated at 270°		
		800 800mA						
		900 900mA	AM-G2 Direct Amber (590nm) Generation 2 ^{1,14}					
	RAM Retrofit arm mount kit ²							
	Options							
	Dimming controls		Motion sensing lens		Photo-sensing		Electrical	Luminaire
DD	0-10V External dimming (by others) ⁴	IMRI3	Integral with #3 lens ¹⁵	PCB	Photocontrol Button ^{7,8}	Fusing	Square Pole Adapter included as standard	Textured
DCC	Dual Circuit Control ^{4,5,6}	IMRI7	Integral with #7 lens ¹⁶	TLRD5	Twist Lock Receptacle 5 Pin ⁹	F1	Single (120, 277, 347VAC) ⁸	BK Black
FAWS	Field Adjustable Wattage Selector ^{4,5}			TLRD7	Twist Lock Receptacle 7 Pin ⁹	F2	Double (208, 240, 480VAC) ⁸	WH White
LLC	Integral wireless module ^{4, 6, 7, 17}			TLRPC	Twist Lock Receptacle w/Photocell ^{8,10}	F3	Canadian Double Pull (208, 240, 480VAC) ^{8,12}	BZ Bronze
BL	Bi-level functionality ^{4, 17}							DGY Dark Gray
DynaDimmer: Automatic Profile Dimming						Pole Mount Fusing	RPA Round Pole Adapter (fits to 3"- 3.9" O.D. pole) ¹²	MGY Medium Gray
CS50	Security 50% Dimming, 7 hours ^{4,7}					FP1	Single (120, 277, 347VAC) ⁸	Customer specified
CM50	Median 50% Dimming, 8 hours ^{4,7}					FP2	Double (208, 240, 480VAC) ⁸	RAL Specify optional color or RAL (ex: RAL7024)
CS30	Security 30% Dimming, 7 hours ^{4,7}					FP3	Canadian Double Pull (208, 240, 480VAC) ⁸	CC Custom color (Must supply color chip for required factory quote)
CM30	Median 30% Dimming, 8 hours ^{4,7}					Surge Protection (10kA standard)	HIS Internal Housing Side Shield ¹³	
						SP2	Increased 20kA	

- Extended lead times apply. Contact factory for details.
- Mounts to a 4-5" round pole with adapter included for square poles.
- Limited to a maximum of 45 degrees aiming above horizontal.
- Not available with other dimming control options.
- Not available with motion sensor.
- Not available with photocell.
- Not available in 347 or 480V.

- Must specify input voltage.
- Dimming will not be connected to NEMA receptacle if ordering with other control options.
- Not available in 480V. Order photocell separately with TLRD5/7.
- Not available with DCC.
- Not available with SF and WS. RPAs provided with black finish standard.

- HIS not available with Type 5, 5W, and BLC optics.
- Limited to max. 600mA configurations.
- Not available with DD, DCC, and FAWS dimming control options.
- Not available with DD, DCC, FAWS and LLC dimming control options.
- Must specify a motion sensor lens.

P26 PureForm LED medium

Area light

PureForm P26² Accessories (ordered separately, field installed)

Shielding Accessories

House Side shield

Standard optic orientation:

HIS-48-H¹ Internal House Side Shield for 48 LEDs (3 modules)

HIS-64-H¹ Internal House Side Shield for 64 LEDs (4 modules)

HIS-80-H¹ Internal House Side Shield for 80 LEDs (5 modules)

Optic at 90 or 270 orientation:

HIS-48-V¹ Internal House Side Shield for 48 LEDs (3 modules)

HIS-64-V¹ Internal House Side Shield for 64 LEDs (4 modules)

HIS-80-V¹ Internal House Side Shield for 80 LEDs (5 modules)

Mounting Accessories

PureForm PTF2 (pole top fitter fits 2 3/8-2 1/2" OD x 4" depth tenon)

PTF2-P26/34-1-90-(F) 1 luminaire at 90°

PTF2-P26/34-2-90-(F) 2 luminaires at 90°

PTF2-P26/34-2-180-(F) 2 luminaires at 180°

PTF2-P26/34-3-90-(F) 3 luminaires at 90°

PTF2-P26/34-4-90-(F) 4 luminaires at 90°

PTF2-P26/34-3-120-(F) 3 luminaires at 120°

PureForm PTF3 (pole top fitter fits 3-3 1/2" OD x 6" depth tenon)

PTF3-P26/34-1-90-(F) 1 luminaire at 90°

PTF3-P26/34-2-90-(F) 2 luminaires at 90°

PTF3-P26/34-2-180-(F) 2 luminaires at 180°

PTF3-P26/34-3-90-(F) 3 luminaires at 90°

PTF3-P26/34-4-90-(F) 4 luminaires at 90°

PTF3-P26/34-3-120-(F) 3 luminaires at 120°

PureForm PTF4 (pole top fitter fits 3 1/2-4" OD x 6" depth tenon)

PTF4-P26/34-1-90-(F) 1 luminaire at 90°

PTF4-P26/34-2-90-(F) 2 luminaires at 90°

PTF4-P26/34-2-180-(F) 2 luminaires at 180°

PTF4-P26/34-3-90-(F) 3 luminaires at 90°

PTF4-P26/34-4-90-(F) 4 luminaires at 90°

PTF4-P26/34-3-120-(F) 3 luminaires at 120°

P26-SF-G2-(F) Slip Fitter Mount (fits to 2 3/8" O.D. tenon)

P26-RAM-G2-(F) Retrofit Arm mount kit

P26-WS-G2-(F) Wall mount with surface conduit rear entry permitted

P26-BD-G2 Bird deterrent

(F) = Specify finish

1. HIS not available with Type 5, 5W, and BLC optics.
2. Consult Signify to confirm whether specific accessories are BAA-compliant.

P26 PureForm LED medium

Area light

LED Wattage and Lumen Values – 3000K

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P26-48L-400-WW-G2-x	48	400	3000	60	7,673	B2-U0-G2	128	7,420	B1-U0-G2	124	7,698	B1-U0-G2	128
P26-48L-500-WW-G2-x	48	500	3000	74	9,380	B2-U0-G2	126	9,070	B2-U0-G2	122	9,409	B2-U0-G2	127
P26-48L-600-WW-G2-x	48	600	3000	89	10,967	B3-U0-G2	123	10,604	B2-U0-G2	119	10,999	B2-U0-G2	124
P26-48L-700-WW-G2-x	48	700	3000	101	12,477	B3-U0-G2	123	12,064	B2-U0-G2	119	12,514	B2-U0-G2	124
P26-64L-600-WW-G2-x	64	600	3000	114	14,493	B3-U0-G3	127	14,013	B2-U0-G3	123	14,536	B2-U0-G3	127
P26-64L-700-WW-G2-x	64	700	3000	133	16,402	B3-U0-G3	124	15,859	B2-U0-G3	119	16,451	B3-U0-G3	124
P26-64L-800-WW-G2-x	64	800	3000	153	18,384	B3-U0-G3	121	17,775	B3-U0-G3	117	18,438	B3-U0-G3	121
P26-80L-700-WW-G2-x	80	700	3000	169	20,727	B3-U0-G3	123	20,041	B3-U0-G4	119	20,788	B3-U0-G4	123
P26-80L-800-WW-G2-x	80	800	3000	192	22,735	B3-U0-G3	119	21,983	B3-U0-G4	115	22,803	B3-U0-G4	119
P26-80L-900-WW-G2-x	80	900	3000	219	24,409	B3-U0-G3	111	23,602	B3-U0-G4	108	24,482	B3-U0-G4	112

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 5			Type 5W			Type AFR			Type BLC		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P26-48L-400-WW-G2-x	48	400	3000	60	7,916	B3-U0-G2	132	7,948	B3-U0-G2	132	7,854	B2-U0-G1	131	5,872	B0-U0-G2	98
P26-48L-500-WW-G2-x	48	500	3000	74	9,674	B3-U0-G2	130	9,716	B4-U0-G2	131	9,599	B2-U0-G2	129	7,178	B0-U0-G2	97
P26-48L-600-WW-G2-x	48	600	3000	89	11,308	B4-U0-G2	127	11,359	B4-U0-G2	128	11,223	B3-U0-G2	126	8,392	B1-U0-G2	94
P26-48L-700-WW-G2-x	48	700	3000	101	12,863	B4-U0-G2	127	12,923	B4-U0-G2	128	12,769	B3-U0-G2	126	9,548	B1-U0-G2	94
P26-64L-600-WW-G2-x	64	600	3000	114	14,940	B4-U0-G2	131	15,011	B4-U0-G2	131	14,832	B3-U0-G2	130	11,091	B1-U0-G2	97
P26-64L-700-WW-G2-x	64	700	3000	133	16,907	B4-U0-G2	127	16,988	B5-U0-G3	128	16,786	B3-U0-G2	126	12,552	B1-U0-G2	95
P26-64L-800-WW-G2-x	64	800	3000	153	18,949	B4-U0-G2	124	19,041	B5-U0-G3	125	18,814	B3-U0-G2	123	14,068	B1-U0-G3	92
P26-80L-700-WW-G2-x	80	700	3000	169	21,363	B5-U0-G3	127	21,468	B5-U0-G3	127	21,212	B3-U0-G2	126	15,861	B1-U0-G3	94
P26-80L-800-WW-G2-x	80	800	3000	192	23,463	B5-U0-G3	122	23,548	B5-U0-G3	123	23,267	B3-U0-G2	121	17,398	B1-U0-G3	91
P26-80L-900-WW-G2-x	80	900	3000	219	25,202	B5-U0-G3	115	25,282	B5-U0-G4	115	24,981	B3-U0-G2	114	18,679	B1-U0-G3	85

LED Wattage and Lumen Values – 4000K

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P26-48L-400-NW-G2-x	48	400	4000	60	8798	B2-U0-G2	146	8509	B2-U0-G2	142	8827	B2-U0-G2	147
P26-48L-500-NW-G2-x	48	500	4000	74	10755	B2-U0-G2	145	10401	B2-U0-G2	140	10789	B2-U0-G2	145
P26-48L-600-NW-G2-x	48	600	4000	89	12574	B3-U0-G2	141	12160	B2-U0-G2	137	12614	B2-U0-G3	142
P26-48L-700-NW-G2-x	48	700	4000	101	14305	B3-U0-G3	142	13834	B2-U0-G3	137	14351	B2-U0-G3	142
P26-64L-600-NW-G2-x	64	600	4000	114	16617	B3-U0-G3	145	16069	B2-U0-G3	141	16670	B3-U0-G3	146
P26-64L-700-NW-G2-x	64	700	4000	133	18806	B3-U0-G3	142	18186	B3-U0-G3	137	18866	B3-U0-G4	142
P26-64L-800-NW-G2-x	64	800	4000	153	21078	B3-U0-G3	138	20383	B3-U0-G4	134	21145	B3-U0-G4	139
P26-80L-700-NW-G2-x	80	700	4000	169	23764	B3-U0-G3	141	22981	B3-U0-G4	136	23840	B3-U0-G4	141
P26-80L-800-NW-G2-x	80	800	4000	192	26067	B3-U0-G3	136	25208	B3-U0-G4	132	26150	B3-U0-G4	137
P26-80L-900-NW-G2-x	80	900	4000	219	27986	B3-U0-G3	128	27064	B3-U0-G4	123	28076	B3-U0-G4	128

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

P26 PureForm LED medium

Area light

LED Wattage and Lumen Values – 4000K (continued)

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 5			Type 5W			Type AFR			Type BLC		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P26-48L-400-NW-G2-x	48	400	4000	60	9068	B3-U0-G2	151	9114	B4-U0-G2	152	9006	B2-U0-G1	150	6735	B0-U0-G2	112
P26-48L-500-NW-G2-x	48	500	4000	74	11083	B4-U0-G2	149	11141	B4-U0-G2	150	11009	B3-U0-G2	148	8233	B1-U0-G2	111
P26-48L-600-NW-G2-x	48	600	4000	89	12954	B4-U0-G2	146	13025	B4-U0-G2	146	12871	B3-U0-G2	145	9626	B1-U0-G2	108
P26-48L-700-NW-G2-x	48	700	4000	101	14736	B4-U0-G2	146	14819	B4-U0-G2	147	14643	B3-U0-G2	145	10951	B1-U0-G2	108
P26-64L-600-NW-G2-x	64	600	4000	114	17116	B4-U0-G2	150	17214	B5-U0-G3	151	17009	B3-U0-G2	149	12721	B1-U0-G2	111
P26-64L-700-NW-G2-x	64	700	4000	133	19369	B5-U0-G3	146	19481	B5-U0-G3	147	19249	B3-U0-G2	145	14396	B1-U0-G3	108
P26-64L-800-NW-G2-x	64	800	4000	153	21708	B5-U0-G3	142	21834	B5-U0-G3	143	21575	B3-U0-G2	141	16136	B1-U0-G3	106
P26-80L-700-NW-G2-x	80	700	4000	169	24474	B5-U0-G3	145	24617	B5-U0-G4	146	24325	B3-U0-G2	144	18192	B1-U0-G3	108
P26-80L-800-NW-G2-x	80	800	4000	192	26880	B5-U0-G3	140	27003	B5-U0-G4	141	26682	B3-U0-G3	139	19955	B1-U0-G3	104
P26-80L-900-NW-G2-x	80	900	4000	219	28872	B5-U0-G3	132	28991	B5-U0-G4	132	28647	B4-U0-G3	131	21425	B1-U0-G4	98

LED Wattage and Lumen Values – 5000K

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P26-48L-400-CW-G2-x	48	400	5000	60	8,237	B2-U0-G2	137	7,965	B1-U0-G2	133	8,262	B2-U0-G2	138
P26-48L-500-CW-G2-x	48	500	5000	74	10,069	B2-U0-G2	135	9,736	B2-U0-G2	131	10,100	B2-U0-G2	136
P26-48L-600-CW-G2-x	48	600	5000	89	11,772	B3-U0-G2	132	11,383	B2-U0-G2	128	11,807	B2-U0-G2	133
P26-48L-700-CW-G2-x	48	700	5000	101	13,393	B3-U0-G2	133	12,950	B2-U0-G2	128	13,433	B2-U0-G3	133
P26-64L-600-CW-G2-x	64	600	5000	114	15,557	B3-U0-G3	136	15,042	B2-U0-G3	132	15,603	B2-U0-G3	137
P26-64L-700-CW-G2-x	64	700	5000	133	17,607	B3-U0-G3	133	17,024	B3-U0-G3	128	17,659	B3-U0-G3	133
P26-64L-800-CW-G2-x	64	800	5000	153	19,734	B3-U0-G3	129	19,080	B3-U0-G3	125	19,792	B3-U0-G4	130
P26-80L-700-CW-G2-x	80	700	5000	169	22,248	B3-U0-G3	132	21,512	B3-U0-G4	128	22,315	B3-U0-G4	132
P26-80L-800-CW-G2-x	80	800	5000	192	24,404	B3-U0-G3	127	23,597	B3-U0-G4	123	24,477	B3-U0-G4	128
P26-80L-900-CW-G2-x	80	900	5000	219	26,201	B3-U0-G3	119	25,335	B3-U0-G4	115	26,280	B3-U0-G4	120

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 5			Type 5W			Type AFR			Type BLC		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P26-48L-400-CW-G2-x	48	400	5000	60	8,497	B3-U0-G2	141	8,532	B4-U0-G2	142	8,430	B2-U0-G1	140	6,304	B0-U0-G2	105
P26-48L-500-CW-G2-x	48	500	5000	74	10,384	B4-U0-G2	140	10,429	B4-U0-G2	140	10,305	B2-U0-G2	139	7,705	B1-U0-G2	104
P26-48L-600-CW-G2-x	48	600	5000	89	12,138	B4-U0-G2	136	12,193	B4-U0-G2	137	12,047	B3-U0-G2	135	9,008	B1-U0-G2	101
P26-48L-700-CW-G2-x	48	700	5000	101	13,808	B4-U0-G2	137	13,872	B4-U0-G2	137	13,706	B3-U0-G2	136	10,249	B1-U0-G2	101
P26-64L-600-CW-G2-x	64	600	5000	114	16,037	B4-U0-G2	140	16,113	B5-U0-G3	141	15,921	B3-U0-G2	139	11,905	B1-U0-G2	104
P26-64L-700-CW-G2-x	64	700	5000	133	18,149	B4-U0-G2	137	18,236	B5-U0-G3	137	18,018	B3-U0-G2	136	13,473	B1-U0-G3	101
P26-64L-800-CW-G2-x	64	800	5000	153	20,340	B5-U0-G3	133	20,439	B5-U0-G3	134	20,195	B3-U0-G2	132	15,101	B1-U0-G3	99
P26-80L-700-CW-G2-x	80	700	5000	169	22,932	B5-U0-G3	136	23,044	B5-U0-G3	137	22,769	B3-U0-G2	135	17,026	B1-U0-G3	101
P26-80L-800-CW-G2-x	80	800	5000	192	25,186	B5-U0-G3	131	25,277	B5-U0-G4	132	24,975	B3-U0-G2	130	18,675	B1-U0-G3	97
P26-80L-900-CW-G2-x	80	900	5000	219	27,053	B5-U0-G3	123	27,138	B5-U0-G4	124	26,815	B3-U0-G3	122	20,051	B1-U0-G3	91

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

P26 PureForm LED medium

Area light

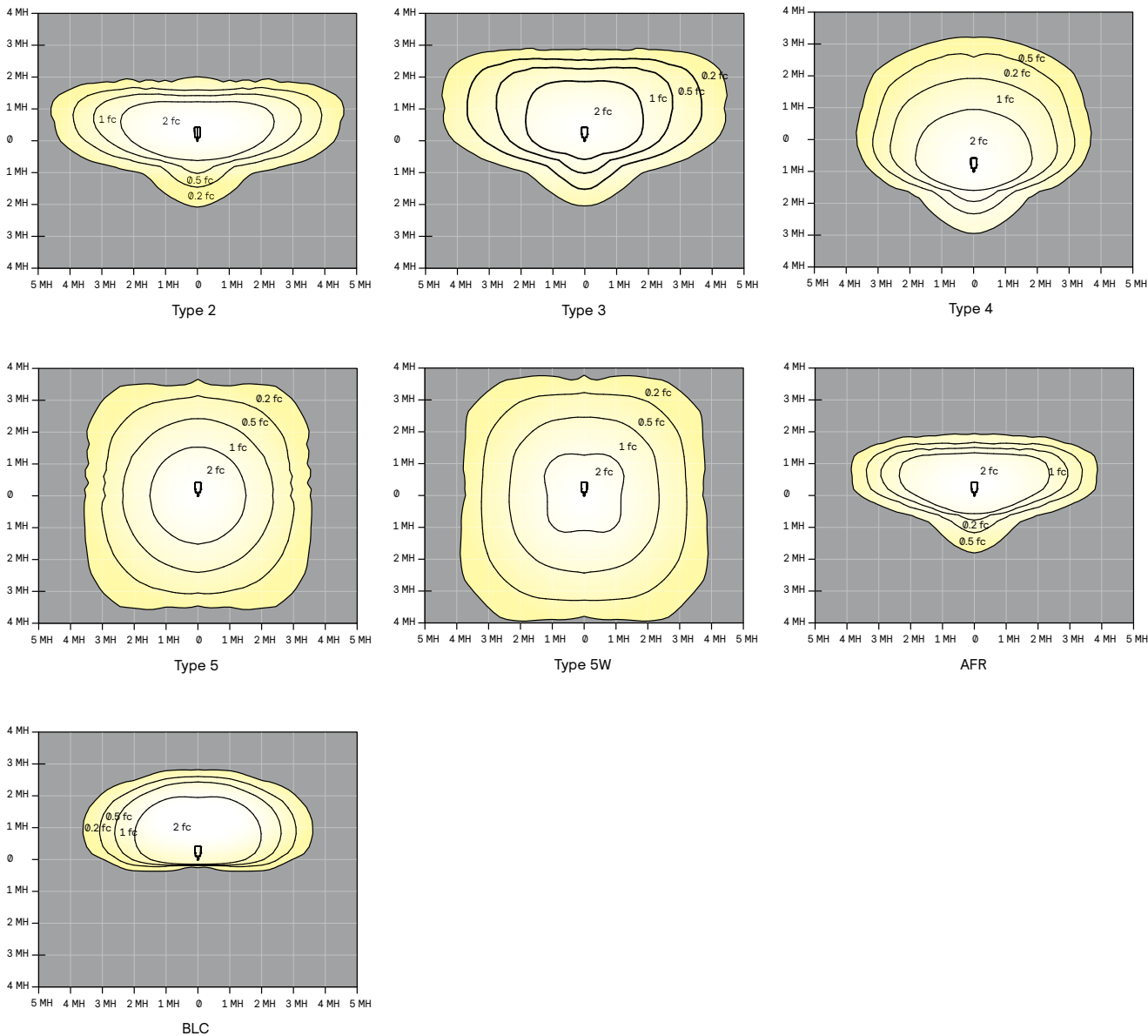
Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer’s data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours

Ambient Temperature °C	Driver mA	Calculated L70 Hours	L70 per TM-21	Lumen Maintenance % at 60,000 hrs
25°C	up to 900 mA	>100,000 hours	>60,000 hours	>88%

Optical Distributions

Based on 20' mounting height



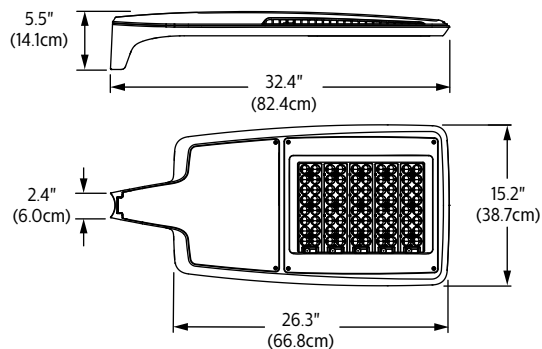
P26 PureForm LED medium

Area light

Dimensions

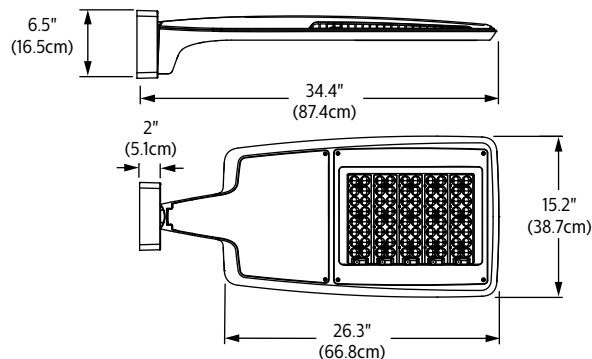
Standard Arm (AR)

Weight: 27 Lbs (12.4 Kg) EPA: 0.26ft² (.024m²)



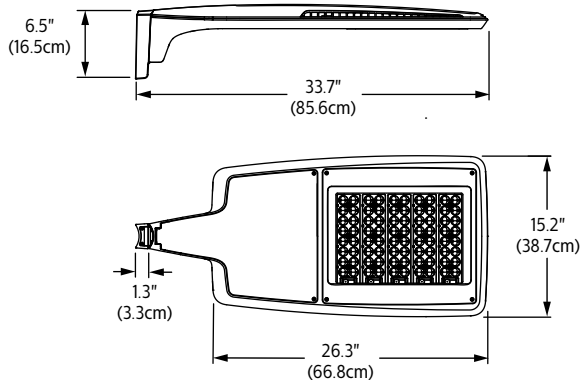
Wall (WS)

Weight: 30 Lbs. (13.7 Kg) EPA: 0.30ft² (.028m²)



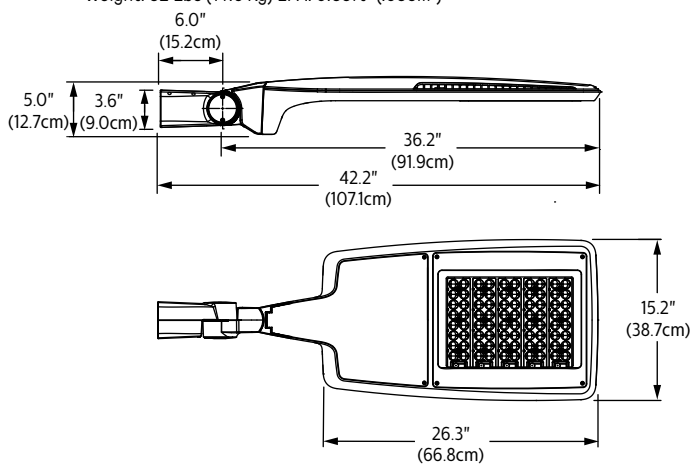
Retrofit Arm (RAM)

Weight: 28 Lbs (12.7 Kg) EPA: 0.28ft² (.026m²)

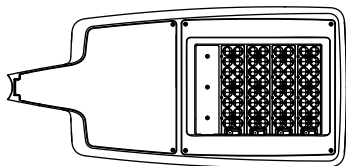


Slip fitter (SF)

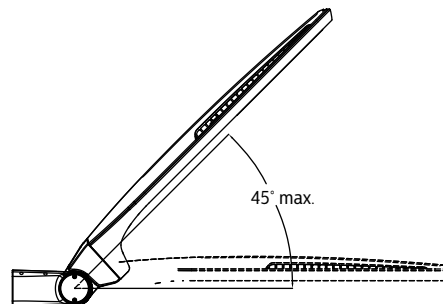
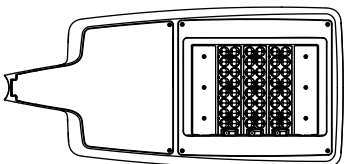
Weight: 32 Lbs (14.6 Kg) EPA: 0.38ft² (.035m²)



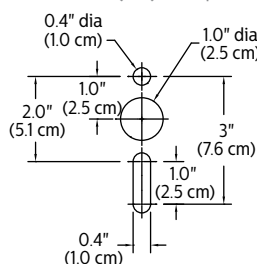
4 module configuration



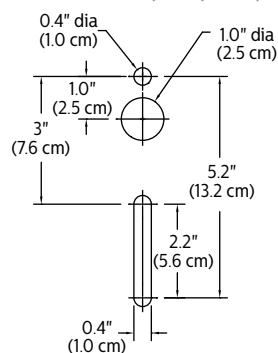
3 module configuration



Standard Arm (AR) drill pattern



Retrofit arm (RAM) drill pattern



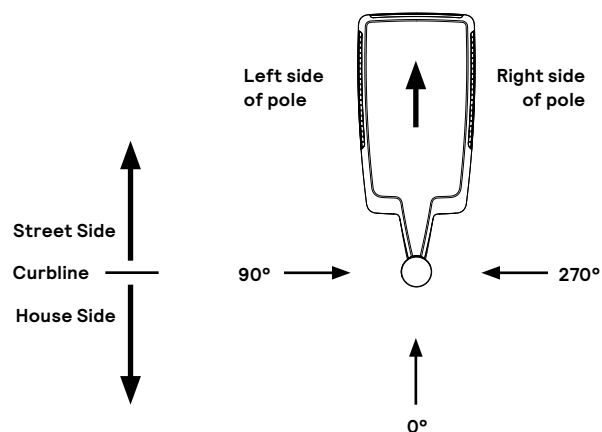
P26 PureForm LED medium

Area light

Optical Orientation Information

Standard Optic Position

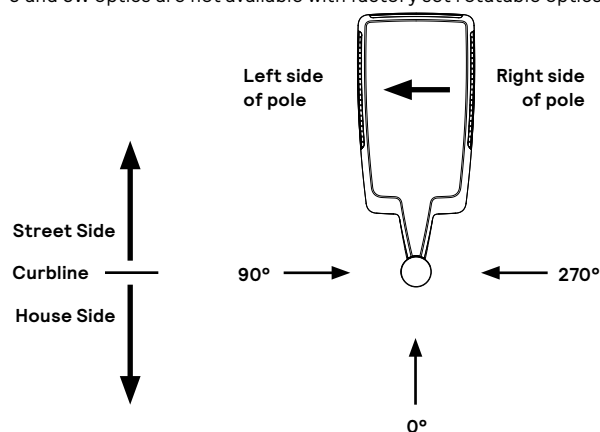
Luminaires ordered with asymmetric optical systems in the standard optic position will have the optical system oriented as shown below:



Note: The hand hole will normally be located on the pole at the 0° point.

Optic Rotated Left (90°) Optic Position

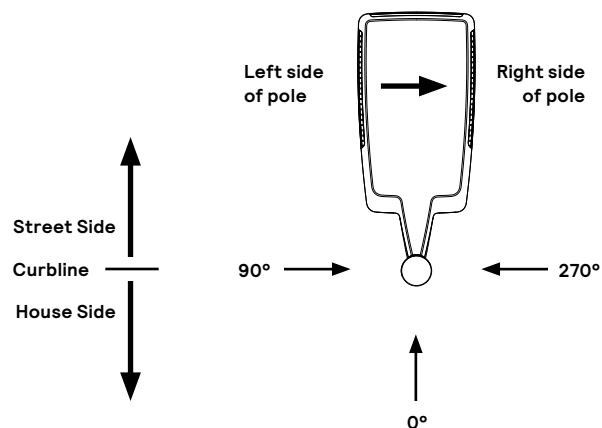
Luminaires ordered with optical systems in the Optic Rotated Left (90°) optic position will have the optical system oriented as shown below (Type 5 and 5W optics are not available with factory set rotatable optics):



Note: The hand hole will normally be located on the pole at the 0° point.

Optic Rotated Right (270°) Optic Position

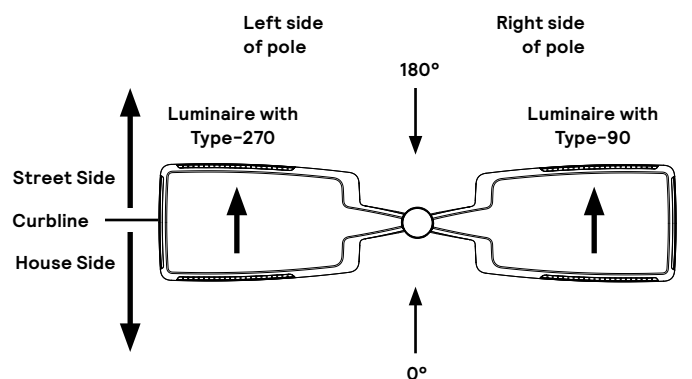
Luminaires ordered with optical systems in the Optic Rotated Right (270°) optic position will have the optical system oriented as shown below (Type 5 and 5W optics are not available with factory set rotatable optics):



Note: The hand hole will normally be located on the pole at the 0° point.

Twin Luminaire Assemblies with Type-90/Type-270 Rotated Optical Systems

Twin luminaire assemblies installed with rotated optical systems are an excellent way to direct light toward the interior of the site (Street Side) without additional equipment. It is important, however, that care be exercised to insure that luminaires are installed in the proper location.



Luminaires with Optic Rotated Right (270°) are installed on the LEFT Side of Pole

Luminaires with Optic Rotated Left (90°) are installed on the RIGHT Side of Pole

Note: The hand hole location will depend on the drilling configuration ordered for the pole.

P26 PureForm LED medium

Area light

Specifications

Housing

Two-piece sealed enclosure with main part of the housing designed as the structural and heat sink frame enclosed by cover to give its unique form. It also includes integral arm and separate, self-retained hinged, one-piece die cast door frame. All die-cast parts made of low copper die cast aluminum alloy for a high resistance to corrosion. The sleek profile with optimized surface area allows housing to provide excellent convection heat transfer with minimum use of heat fins, giving the freedom to have a clean minimalist aesthetic design. Luminaire housing rated to IP66, tested in accordance to Section 9 of IEC 60598-1.

Vibration resistance

Luminaire is tested and rated 3G over 100,000 cycles conforming to standards set forth by ANSI C136.31-2010. Testing includes vibration in three axes, all performed on the same luminaire.

Light engine

Light engine comprises of a module of 16-LED aluminum metal clad board fully sealed with optics offered in multiples of 3, 4 and 5 modules or 48, 64 and 80 LEDs. Module is RoHS compliant. Color temperatures: 3000K +/- 125K, 4000K, 5000K +/- 200K. Minimum CRI of 70. Also available in 2700K, 3500K, and Direct Amber with extended lead times. Direct Amber LED is narrow spectrum with dominant wavelength at 596 nm (peak wavelength at 601 nm). Contact factory for details. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

Energy saving benefits

System efficacy up to 150 lms/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy savings during unoccupied periods.

Optical systems

Type 2, 3, 4, 5, 5W, and AFR distributions available. Internal Shield option mounts to LED optics and is available with Type 2, 3, 4, and AFR distributions including a dedicated BLC optic to provide the best backlight control possible for those stringent requirements around property lines. Types 2, 3, 4, AFR, and BLC when specified and used as rotated, are factory set only. Performance tested per LM-79 and TM-15 (IESNA) certifying its photometric performance. Luminaire designed with 0% uplight (UO per IESNA TM-15).

Mounting

Standard luminaire arm mounts to 4" O.D. round poles. Can also be used with 5" O.D. poles. Square pole adapter included with every luminaire. Round Pole Adapter (RPA) required for 3-3.9" poles. PureForm features a retrofit arm kit. When specified with the retrofit arm (RAM) option, PureForm seamlessly simplifies site conversions to LED by eliminating the need for additional pole drilling on most existing poles. RAM will be boxed separately. Also optional are slipfitter and wall mounting accessories. Note that only fixed mounts (AR, RAM, WS) are required to meet IDA compliance. SF mounting will not meet IDA.

Control options

0-10V dimming (DD): Access to 0-10V dimming leads supplied through back of luminaire (for secondary dimming controls by others). Cannot be used with other control options.

Dual Circuit Control (DCC): Luminaire equipped with the ability to have two separate circuits controlling drivers and light engines independently. Permits separate switching of separate modules controlled by use of two sets of leads, one for each circuit. Not recommended to be used with other control options, motion response, or photocells.

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position at the lumen output selected. Use chart below to estimate reduction in lumen output desired. Cannot be used with other control options or motion response.

FAWS Position	Percent of Typical Lumen Output
1	25%
2	50%
3	55%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

Note: Typical value accuracy +/- 5%

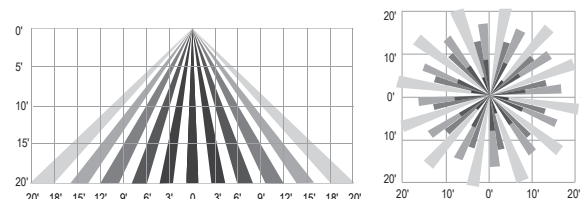
Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide flexibility towards energy savings goals while optimizing light levels during specific dark hours. Dimming profiles include two dimming settings including dim to 30% or 50% of the total lumen output. When used in combination with not programmed motion response it overrides the controller's schedule when motion is detected. After 5 minutes with no motion, it will return to the automatic dimming profile schedule. Automatic dimming profile scheduled with the following settings:

- **CS50/CS30:** Security for 7 hours night duration (Ex., 11 PM - 6 AM)
- **CM50/CM30:** Median for 8 hours night duration (Ex., 10 PM - 6 AM)

All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 1 or 2 hours before depending of the duration of dimming. Cannot be used with other dimming control options.

Wireless system (LLC): Optional wireless controller integral to luminaire ready to be connected to a Limelight system (sold by others). The system allows you to wirelessly manage the entire site, independent lighting groups or individual luminaires while on-site or remotely. Based on a high-density mesh network with an easy to use web-based portal, you can conveniently access, monitor and manage your lighting network remotely. Wireless controls can be combined with site and area, pedestrian, and parking garage luminaires as well, for a completely connected outdoor solution. Equipped with motion response with #3 lens for 8-25' mounting heights.

LLC-IMRI3 Luminaire with #3 lens



Motion response options

Bi-Level Infrared Motion Response (BL-IMRI): Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming when not ordered with other control options. BL-IMRI is set/operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "full power" prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage reducing the light level. Other dimming settings can be provided if different dimming levels are required. This can also be done with FSIR-100 Wireless Remote Programming Tool (contact Technical Support for details).

P26 PureForm LED medium

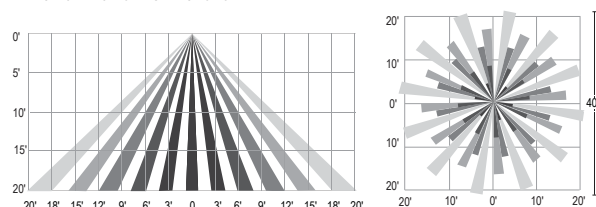
Area light

Specifications (cont'd)

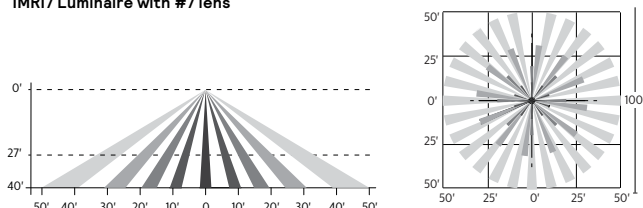
Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile), motion response device will simply override controller's schedule with the added benefits of a combined dimming profile and sensor detection. In this configuration, the motion response device cannot be re-programmed with FSIR-100 Wireless Remote Programming Tool. The profile can only be re-programmed via the controller.

Infrared Motion Response Lenses (IMRI3/IMRI7): Infrared Motion Response Integral module is available with two different sensor lens types to accommodate various mounting heights and occupancy detection ranges. Lens #3 (IMRI3) is designed for mounting heights up to 20' with a 40' diameter coverage area. Lens #7 is designed for higher mounting heights up to 40' with larger coverage areas up to 100' diameter coverage area. See charts for approximate detection patterns:

IMRI3 Luminaire with #3 lens



IMRI7 Luminaire with #7 lens



Electrical

Twist-Lock Receptacle (TLRD5/TLRD7/ TLRPC): Twist Lock Receptacle with 5 pins enabling dimming or with 7 pins with additional functionality (by others) can be used with a twistlock photoelectric cell or a shorting cap. Dimming Receptacle Type B (5-pin) and Type D-24 (7-pin) in accordance to ANSI C136.41. Can be used with third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be specified. When ordering Twist-lock receptacle (TLRD5 or TLRD7), photocell or shorting cap is not included. TLRPC is shipped standard with 5 pin.

Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.

Driver: Driver efficiency (>90% standard). 120-480V available (restrictions apply). Open/short circuit protection. Optional 0-10V dimming to 10% power. RoHS compliant.

Button Photocontrol (PCB): Button style design for internal luminaires mounting applications. The photocontrol is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1-4Fc of ambient light.

Surge protection (SP1/SP2): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA. 20kV / 10kA surge protection device that provides extra protection beyond the SP1 10kV/10kA level

Listings

UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). Most PureForm P26 configurations are qualified under Premium DesignLights Consortium® category. Consult DLC Qualified Products list to confirm your specific luminaire selection is approved. CCTs 3000K and warmer are Dark Sky Approved.

Finish

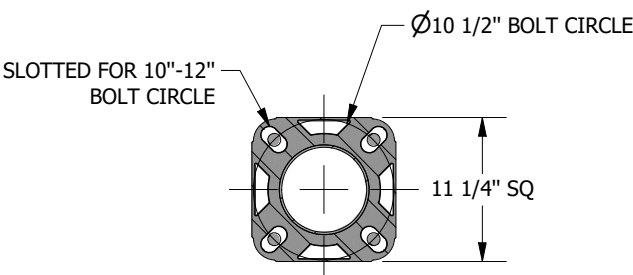
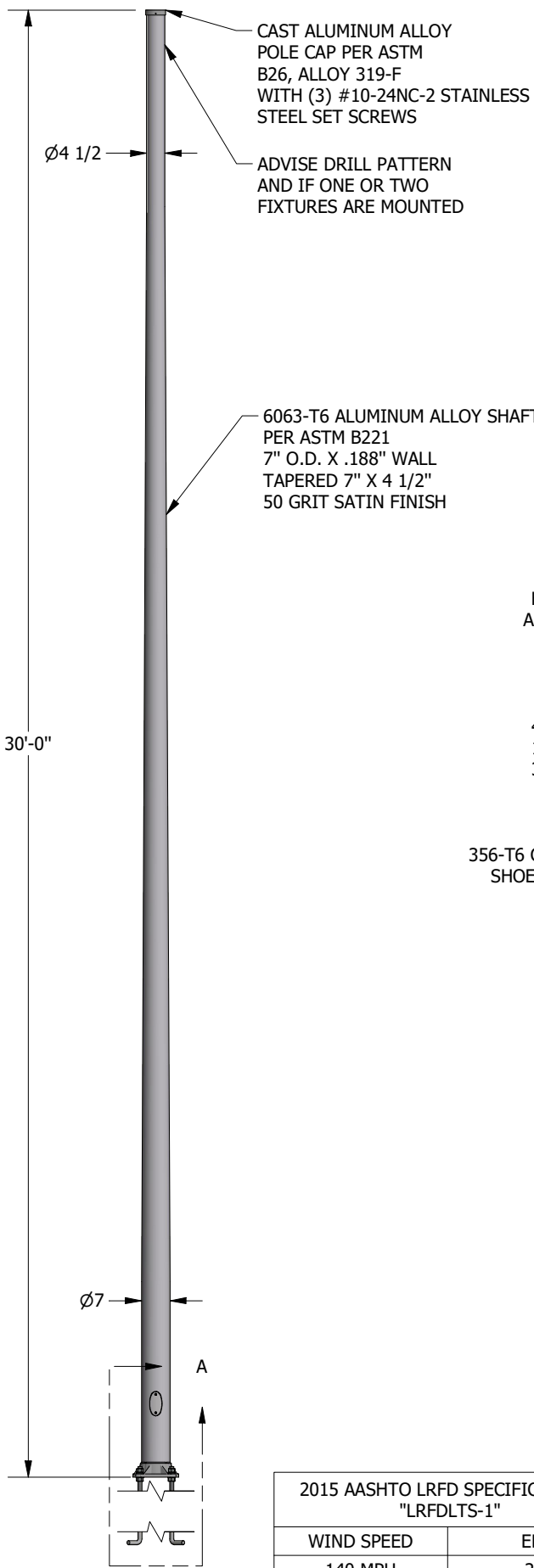
Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. The surface treatment achieves a minimum of 1000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard. Standard colors include bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult factory for specs on optional or custom colors.

Warranty

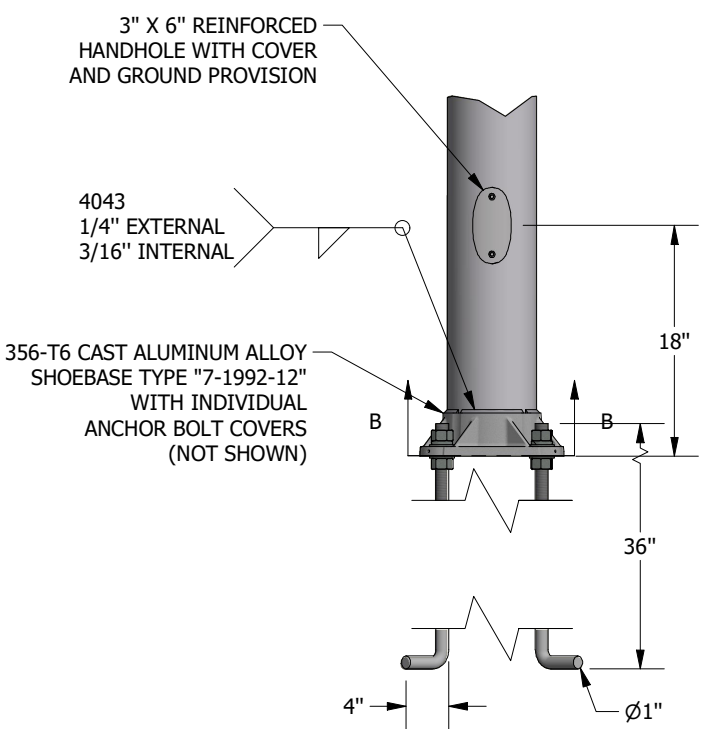
PureForm luminaires feature a 5-year limited warranty. See signify.com/warranties for complete details and exclusions.



CAT# RTA7M30AABX



SECTION B-B
SCALE 1 / 15



DETAIL A
SCALE 1 / 15

ANCHOR BOLTS PER ASTM F1554GR55,
FULLY GALVANIZED PER ASTM A153
WITH ALL NUTS, FLATWASHERS, AND LOCKWASHERS

2015 AASHTO LRFD SPECIFICATIONS "LRFDLTS-1"		
WIND SPEED	EPA	
140 MPH	2.0	

REVISION HISTORY		
REV	DESCRIPTION	DATE



95 GNARLED HOLLOW RD.
EAST SETAUKET, N.Y.
11733



TUBULAR PRODUCTS, INC.

PROJECT: UCF CAMPUS		DIST:	
CONTRACTOR:		AGENT: SESCO LIGHTING	
DRAWN BY: SAF	DATE: 07/15/2024	MATERIAL: AS NOTED	
CHK'D BY: SAF	APP'D:	DRAWING #:	
SCALE: AS NOTED	WORK ORDER #:	20725	