

Luminaire Schedule											
Project: TOWNHOMES AT 214 4TH AVENUE - SITE - REV2 AUG - 16 - 2018											
Symbol	Qty	Label	Description	LLF	Lum. Watts	Total Watts					
\odot	5	A	PHILIPS LIGHTOLIER S5R830K7 MOUNTED 8 FT 4 INCHES ABOVE LANDING BELOW	0.810	9.8	49					
Image: Control of the	2	sc	PHILIPS GARDCO P26-48L-400-NW-G2-BLC POLE MOUNT 12.5' AFG	0.900	60.07694	120.1539					

ALL DESIGNS, CONCEPTS, AND IDEAS CONTAINED AND REPRESENTED HEREIN ARE THE PROPERTY OF RICK BRAUTIGAN ARCHITECTURE, INC. EXPRESSED IN WRITING.

1. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER ALL SCALED DIMENSIONS. 2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ADVISE ARCHITECT OF ANY DISCREPANCIES. CONSTRUCTION SHALL NOT PROCEED UNTIL SAID DISCREPANCIES HAVE BEEN RESOLVED.

3. NO MATERIALS OR SYSTEMS ARE TO BE FABRICATED UNTIL: A) ALL DIMENSIONS HAVE BEEN VERIFIED BY CONTRACTOR B) SHOP DRAWINGS HAVE BEEN REVIEWED AND ACCEPTED BY THE ARCHITECT

					
Calculation Summary					
Project: TOWNHOMES AT 214 4TH AVENUE - SITE - REV2 AUG - 16 -	2018				
Label	Avg	Мах	Min	Avg/Min	Max/Min
PROPERTY LINE 6' AFG	0.03	0.18	0.00	N.A.	N.A.
SITE & PARKING	2.82	8.0	0.7	4.03	11.43
WEST ALLEY	0.04	0.5	0.0	N.A.	N.A.
TYPICAL ENTRY & STAIRS	3.10	4.3	2.1	1.48	2.05

Site Photometric Plan

1"=10'SC

RCHITECTURE

1025 S Dixie Highway

P h: 5 6 1.2 7 2.9 0 8 6 F x: 5 6 1.2 7 2.5 6 3 6

Townhomes at 214 4th

214 NE 4th Street Delray Beach, Florido

:Permit Set

rba. pn. 10316.01

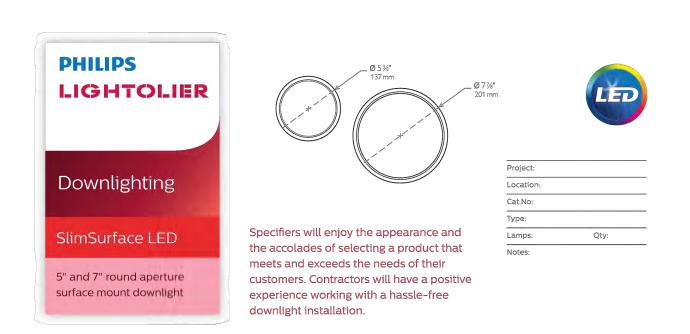
Issued

AAC002029

Delra<mark>y Beach, FL 33483</mark>

RickBrautigan





Round 5" aperture Round 7" aperture

Catalog No.	Size	CRI	CCT	Lms	Listed	Finish (painted)	Catalog No.	Size	CRI	ССТ	Lms	Listed	Finish (painted
S5R827K7	5-inch	80	2700K	650	Wet	White	S7R827K10	7-inch	80	2700K	1000	Wet	White
S5R827K7AL	5-inch	80	2700K	650	Wet	Aluminum	S7R827K10AL	7-inch	80	2700K	1000	Wet	Aluminum
S5R830K7	5-inch	80	3000K	650	Wet	White	S7R830K10	7-inch	80	3000K	1000	Wet	White
S5R830K7AL	5-inch	80	3000K	650	Wet	Aluminum	S7R830K10AL	7-inch	80	3000K	1000	Wet	Aluminum
S5R927K7	5-inch	90	2700K	650	Wet	White	S7R927K10	7-inch	90	2700K	1000	Wet	White
S5R927K7AL	5-inch	90	2700K	650	Wet	Aluminum	S7R927K10AL	7-inch	90	2700K	1000	Wet	Aluminum
S5R830K7-D	5-inch	80	3000K	650	Damp	White	S7R830K10-D	7-inch	80	3000K	1000	Damp	White

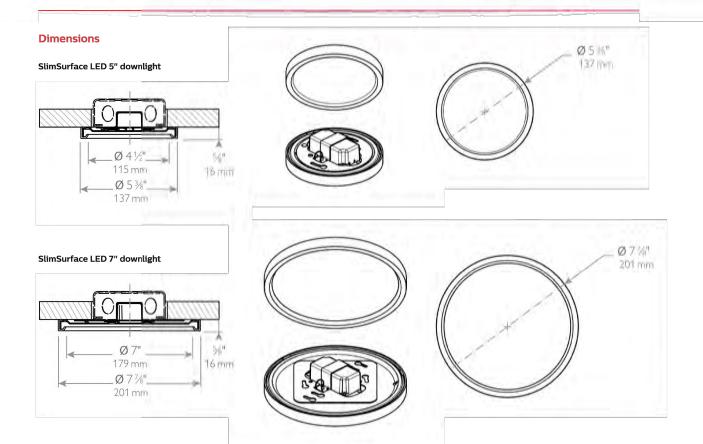
- 1. Flange: One piece plastic flange. Powder coated non yellowing white or aluminum. 2. **Lens:** High transmittance lens allowing for smooth, comfortable light pattern
- 3. Power supply: Integral class 2 driver. Factory wired electronic LED driver (see Electrical section for specifications) Lumen Max. Input Max. Input
 Output Current Power 4. **LED Strip**: Utilizes Philips LEDs. 5. Lifetime: Expected lifetime 50,000 hours and backed by a 5-year warranty (see
- Philips.com/warranties for details). Input Voltage 120 V Input Frequency 50/60 Hz Power Factor > 0.9 Max. THD < 15% Minimum Operating Temperature - 20°C

Electrical Installs into standard J-box applications: Electronic power supply: RoHS compliant. Class 2 power unit for use in a damp location. nit tolerates sustained open circuit and short $3^{1}/_{2}$ " round (plastic) circuit output conditions without damage. Dimming: All luminaires are intended for use with incandescent standard type dimmers (TRIAC). 10%-100% dimming range. Not compatible with S5R 4" octagonal (metal) 4" square (metal) Not compatible with S5R

cULus listed for damp locations (walls) and wet locations (ceilings). ENERGY STAR® certified. Non-conductive fixture for shower light the requirements of the California Energy Commission regulated under Title 24, and has been listed in the Title 20 database.

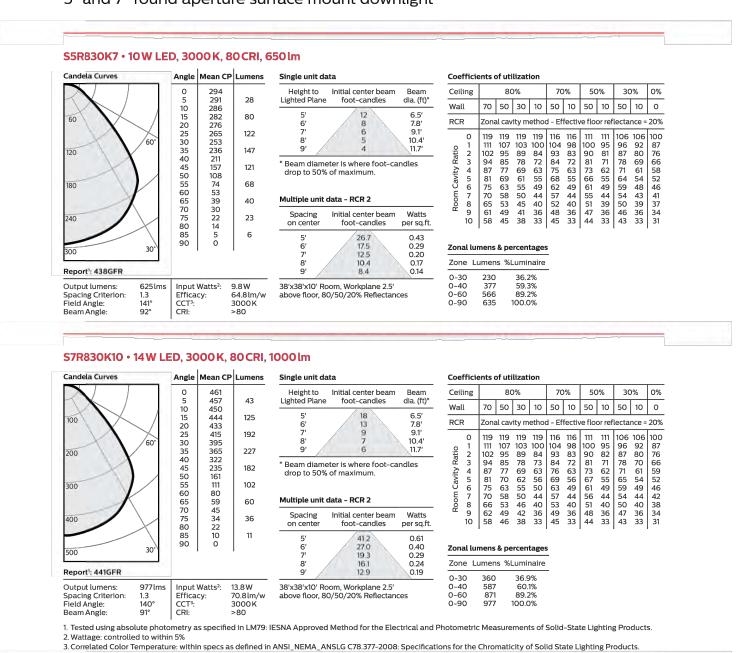
S5R & S7R SlimSurface LED

5" and 7" round aperture surface mount downlight



S5R & S7R SlimSurface LED

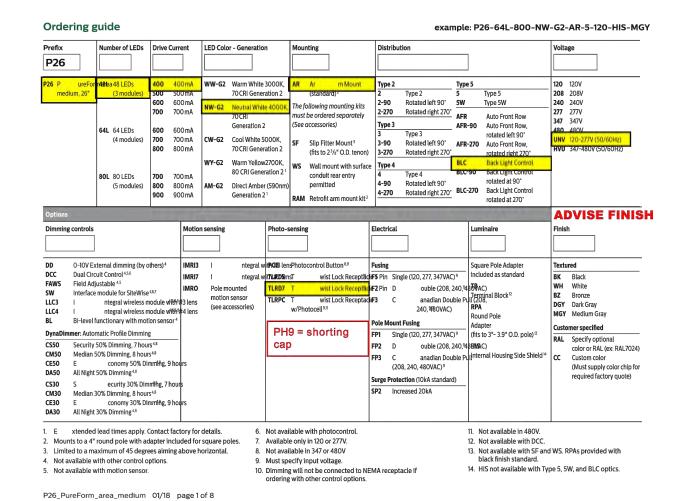
5" and 7" round aperture surface mount downlight

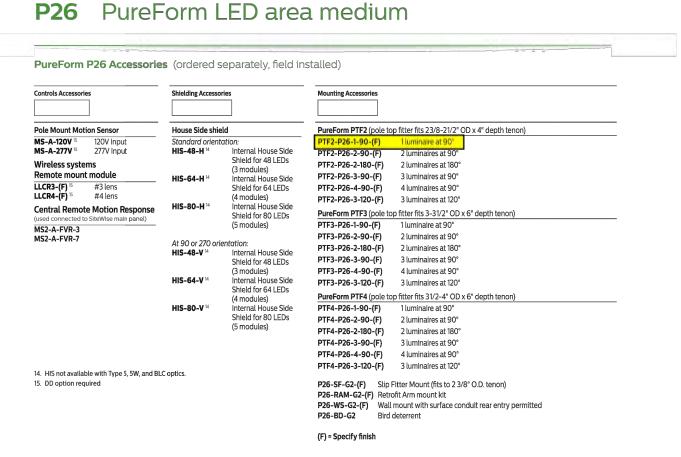






control. A full range of control options provides additional energy savings.





P26 PureForm LED area medium

Ordering Code Code Corrent Color Corrent Color Corrent Color Control Control Color Control Color Control Color Control Color Color							T	- 2		_					T 4		1	
P26-481-400-NW-G2-x 48		Total	LED Current	Color					Efficacy	Type 3 Lumen BUG Efficacy			Efficacy	Lumen	Type 4 BUG	Efficacy	-	
P26-48I-500-NW-62-x	Ordering Code	LEDs	(mA)	Temp.	Watts	Outp	out Ra	ting	(LPW)	Ou	tput i	Rating	(LPW)	Output	Rating	(LPW)	1	
P26-481-600-NW-G2-x 48 600 4000 69 12574 83-U0-G2 141 12160 82-U0-G2 137 12614 82-U0-G3 142	P26-48L-400-NW-G2-x	-	400	100000000000000000000000000000000000000	60	-	7 3335.17	and the same			100	THE REAL PROPERTY.	142	8827	A STATE OF THE STATE OF	147		
P26-48I-700-NW-G2-x	P26-48L-500-NW-G2-x	48		4000		_		2-U0-G2 145						10789	NA COLUMN			
P26-641-600-NW-G2-x 64 600 4000 113 1806 B3-U0-G3 142 18186 B3-U0-G3 131 1860-0-G4 132 1860-0-G4 132 1860-0-G4 132 1860-0-G4 136 1860-0-G4 18	The state of the s	1000	1000			1000	1000	0.000		-		ALC: NO. OF THE PARTY NAMED IN	-	0.000	The second second	-		
P26-64L-700-NW-G2-x 64 800 4000 153 18806 83-U0-G3 142 18186 83-U0-G3 137 18866 83-U0-G4 142 P26-69L-800-NW-G2-x 80 700 4000 159 22764 83-U0-G3 138 20383 83-U0-G4 136 23840 83-U0-G4 131 P26-80L-900-NW-G2-x 80 700 4000 159 23764 83-U0-G3 136 22981 83-U0-G4 132 26150 83-U0-G4 137 P26-80L-900-NW-G2-x 80 700 4000 192 26067 83-U0-G3 136 2508 83-U0-G4 132 26150 83-U0-G4 128 P26-80L-900-NW-G2-x 80 900 4000 192 27986 83-U0-G3 128 27064 83-U0-G4 132 28076 83-U0-G4 128 P26-80L-900-NW-G2-x 80 900 4000 1219 17986 83-U0-G3 128 188 188 188 188 188 188 188 188 188									100		ACCRECATION FOR				Market Market Street			
P26-681-800-NW-62-x	Entertain the State of State o	100	200	-	100				7.7			Service and an artist		70.00	100000000000000000000000000000000000000	1000		
P26-80L-700-NW-62-x 80 700 4000 169 23764 B3-U0-G3 141 22981 B3-U0-G4 136 23840 B3-U0-G4 141 P26-80L-800-NW-62-x 80 900 4000 192 266067 B3-U0-G3 136 25208 B3-U0-G4 132 26050 B3-U0-G4 132 P26-80L-900-NW-62-x 80 900 4000 192 27966 B3-U0-G3 128 27064 B3-U0-G4 123 28076 B3-U0-G4 128 P26-80L-900-NW-62-x 80 900 4000 129 27966 B3-U0-G3 128 27064 B3-U0-G4 123 28076 B3-U0-G4 128 P26-84L-900-NW-62-x 48 400 4000 60 9068 B3-U0-G2 151 9114 B4-U0-G2 152 9006 B2-U0-G1 150 6735 B0-U0-G2 P26-48L-900-NW-62-x 48 500 4000 74 11083 B4-U0-G2 149 11141 B4-U0-G2 150 11009 B3-U0-G2 148 8233 B1-U0-G2 P26-48L-900-NW-62-x 48 700 4000 101 14736 B4-U0-G2 146 1389 B4-U0-G2 146 1287 B3-U0-G2 145 189-U0-G2 145 199-U0-G2 145 199-U0-G2 145 199-U0-G2 146 1287 B3-U0-G2 145 199-U0-G2 145 199-U0-G3 145 199-U0-	Total State of the																	
P26-80L-900-NW-G2-x 80 800 4000 192 26067 83-U0-G3 136 25208 83-U0-G4 132 26150 83-U0-G4 128 P26-80L-900-NW-G2-x 80 900 4000 219 27986 83-U0-G3 128 27064 83-U0-G4 123 28076 83-U0-G4 128 Total Current LED (mh) Temp. Watts	CONTRACTOR OF THE PROPERTY OF	-	200	10000	100		100	CALLED !	177	-	100	1000000	19.1	(T) (T)	THE REAL PROPERTY.		4	
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						_												
Type SW Type SW Type AFR	The second secon		555	-	-	-	The second	1000			ALC: U	Maria Barrier			N. P. C. Control of the Control of t		-	
Total Current (LDs (mA) Temp. Watts (LPW) Output Rating (LPW) Outp	-20-00L-300-NW-G2-X	1 00	1 300	1 4000	219	2/98	20 B2-F	0-03	120	L 2/	V04 B3	00-64	123	200/0	D3-00-64	120	1	
Ordering Code LEDs (mA) Temp. Watts Output Rating (LPW) Output Developed (LPW) Output	Average																	
P26-48I-400-NW-62-x 48 400 4000 60 9068 B3-U0-G2 151 9114 B4-U0-G2 152 9006 B2-U0-G1 150 6735 B0-U0-G2 P26-48I-500-NW-62-x 48 500 4000 74 11083 B4-U0-G2 149 11141 B4-U0-G2 150 11009 B3-U0-G2 148 8233 B1-U0-G2 P26-48I-500-NW-62-x 48 600 4000 89 12954 B4-U0-G2 146 13025 B4-U0-G2 146 12871 B3-U0-G2 145 9626 B1-U0-G2 179 P26-48I-700-NW-62-x 48 700 4000 101 14736 B4-U0-G2 146 14819 B4-U0-G2 147 14643 B3-U0-G2 145 10951 B1-U0-G2 179 P26-64I-600-NW-62-x 64 600 4000 114 17116 B4-U0-G2 150 17214 B5-U0-G3 151 17009 B3-U0-G2 149 12721 B1-U0-G2 179 P26-64I-700-NW-62-x 64 700 4000 133 19369 B5-U0-G3 146 19481 B5-U0-G3 147 19249 B3-U0-G2 145 14396 B1-U0-G3 179 P26-64I-900-NW-62-x 64 800 4000 153 21708 B5-U0-G3 142 21834 B5-U0-G3 143 21575 B3-U0-G2 141 16136 B1-U0-G3 179 P26-80I-700-NW-62-x 80 700 4000 169 24474 B5-U0-G3 145 24617 B5-U0-G4 146 24325 B3-U0-G2 144 18192 B1-U0-G3 179 P26-80I-900-NW-62-x 80 800 4000 192 26880 B5-U0-G3 140 27003 B5-U0-G4 141 26682 B3-U0-G3 139 19955 B1-U0-G3 179 P26-80I-900-NW-62-x 80 800 4000 219 28872 B5-U0-G3 132 28991 B5-U0-G4 141 26682 B3-U0-G3 131 21425 B1-U0-G3 179 P26-80I-900-NW-62-x 80 800 4000 219 28872 B5-U0-G3 132 28991 B5-U0-G4 141 26682 B3-U0-G3 131 21425 B1-U0-G3 179 P26-80I-900-NW-62-x 80 800 4000 219 28872 B5-U0-G3 132 28991 B5-U0-G4 141 26682 B3-U0-G3 131 21425 B1-U0-G3 179 P26-80I-900-NW-62-x 80 800 4000 219 28872 B5-U0-G3 132 28991 B5-U0-G4 141 26682 B3-U0-G3 131 21425 B1-U0-G4 140 140 140 140 140 140 140 140 140 14	Ordering Code																	Efficac (LPW
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 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 17 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 17 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 17 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 17 P26-80L-800-NW-G2-x 80 700 4000 153 21708 B5-U0-G3 142 21834 B5-U0-G3 143 21575 B3-U0-G2 141 16136 B1-U0-G3 17 P26-80L-800-NW-G2-x 80 800 4000 192 246880 B3-U0-G3 145 24617 B5-U0-G4 146 24325 B3-U0-G2 144 18192 B1-U0-G3 17 P26-80L-800-NW-G2-x 80 800 4000 192 28872 B5-U0-G3 140 27003 B5-U0-G4 141 26682 B3-U0-G3 139 19955 B1-U0-G3 17 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 147 NACHURAL PERFORMENT OF THE 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 147 NACHURAL PERFORMENT OF THE 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 147 NACHURAL 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 147 NACHURAL 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 147 NACHURAL 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 147 NACHURAL 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 144 144 144 144 144 144 144 144 144 1	Control of the Contro		-	100000000000000000000000000000000000000		-15222		,			MANAGEMENT AND ADDRESS OF THE PARTY OF THE P	1000					-	112
P26-48L-600-NW-G2-x	Control of the second s	277	10000		275		100000000000000000000000000000000000000	-	_	-		100		The second second	-		DOMESTIC AND ADDRESS.	111
P26-64L-600-NW-G2-x 64 600 4000 114 17116 84-U0-G2 150 17214 85-U0-G3 151 17009 83-U0-G2 149 12721 81-U0-G2 P26-64L-700-NW-G2-x 64 700 4000 133 19369 85-U0-G3 146 19481 85-U0-G3 147 19249 83-U0-G2 145 14396 81-U0-G3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P26-48L-600-NW-G2-x	48	600	4000	89	12954	B4-U0-G	2 146	130	025	B4-U0-G2	146	12871	B3-U0-G2	145	9626	-	108
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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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 1 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-G3 131	P26-48L-700-NW-G2-x	48	700	4000	101	14736	B4-U0-G	2 146	148	819	B4-U0-G2	147	14643	B3-U0-G2	145	10951	B1-U0-G2	108
P26-641-800-NW-G2-x 64 800 4000 153 21708 85-U0-G3 142 21834 85-U0-G3 143 21575 83-U0-G2 141 16136 81-U0-G3 1 P26-801-700-NW-G2-x 80 700 4000 169 24474 85-U0-G3 145 24617 85-U0-G4 146 24325 83-U0-G2 144 18192 81-U0-G3 1 P26-801-800-NW-G2-x 80 800 4000 192 26880 85-U0-G3 140 27003 85-U0-G4 141 26682 83-U0-G3 139 19955 81-U0-G3 1 P26-801-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 192 26880 85-U0-G3 132 28991 85-U0-G4 141 26682 83-U0-G3 139 19955 81-U0-G4 1 P26-801-900-NW-G2-x 80 900 4000 192 26880 85-U0-G3 140 27003 85-U0-G4 141 26682 83-U0-G3 139 19955 81-U0-G3 13 12425 8	P26-64L-600-NW-G2-x	64	600	4000	114	17116	B4-U0-G	2 150	173	214	B5-U0-G3	151	17009	B3-U0-G2	149	12721	B1-U0-G2	111
P26-80L-700-NW-G2-x 80 700 4000 169 24474 85-U0-G3 145 24617 85-U0-G4 146 24325 83-U0-G2 144 18192 81-U0-G3 1 P26-80L-800-NW-G2-x 80 800 4000 192 26880 85-U0-G3 140 27003 85-U0-G4 141 26682 83-U0-G3 139 19955 81-U0-G3 1 P26-80L-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 1 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 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. L ₇₀ is the predicted time when LED performance depreciates to 70% of	P26-64L-700-NW-G2-x	64	700	4000	133	19369	B5-U0-G	3 146	194	481	B5-U0-G3	147	19249	B3-U0-G2	145	14396	B1-U0-G3	108
P26-80L-800-NW-G2-x 80 800 4000 192 26880 85-U0-G3 140 27003 85-U0-G4 141 26682 83-U0-G3 139 19955 81-U0-G3 192-80L-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 192-80L-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 192-80L-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 192-80L-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 192-80L-900-NW-G2-x 80 900 4000 219 28872 85-U0-G3 132 28991 85-U0-G4 132 28647 84-U0-G3 131 21425 81-U0-G4 192-80L-900-NW-G2-x 80 900 900 900 900 900 900 900 900 900	P26-64L-800-NW-G2-x	64	800	4000	153	21708	B5-U0-G	3 142	218	334	B5-U0-G3	143	21575	B3-U0-G2	141	16136	B1-U0-G3	106
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 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	P26-80L-700-NW-G2-x	80	700	4000	169	24474	B5-U0-G	3 145	24	617	B5-U0-G4	146	24325	B3-U0-G2	144	18192	B1-U0-G3	108
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 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	P26-80L-800-NW-G2-x	80	800	4000	192	26880	B5-U0-G	140	270	003	B5-U0-G4	141	26682	B3-U0-G3	139	19955	B1-U0-G3	104
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 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. L ₇₀ is the predicted time when LED performance depreciates to 70% of	P26-80L-900-NW-G2-x	80	900	4000	219	28872	B5-U0-G	132	28	991	B5-U0-G4	132	28647	B4-U0-G3	131	21425	B1-U0-G4	98
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.L7 ₀ is the predicted time when LED performance depreciates to 70% of	considerations. It is highly recommended to confirm performance with a photometric layout.																	
initial lumen output. Calculated per IESNA TM21-11. Published L ₇₀ hours limited to 6 times actual LED test hours Ambient Temperature C Driver mA Calculated Lea Hours Lea per TM-21 Lumen Maintenance % at 60 000 hrs.	Actual experience ma initial lumen output. C	y vary dı alculate	ue to field d per IES	l applicat NA TM21	ion cond -11. Publis	itions.L ₇ shed L ₇₀	o is the p hours lin	redicted	d time w 6 times	/hen i actu	LED perfo al LED te	ormance st hours	deprecia	tes to 70%	of	ce % at	60 000	nrc .
25°C up to 900 mA >100,000 hours >60,000 hours >88%	Ambient Temperature °C Driver mA			Calcu	Calculated L ₇₀ Hours			L ₇₀ per TM-21				Lumen Maintenance % at 60,000 hrs						

P26 PureForm LED area medium

Specifications

Energy saving benefits

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 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 output desired. Cannot be used with other control options or motion 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 tandards 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 2700I Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profile of

LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

System efficacy up to 150 lms/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy automatic diming profile schedule. Automatic dimming profile scheduled 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 • CE50/CE30: Economy for 9 hours night duration (Ex., 9 PM – 6 AM) 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 (U0 per IESNA TM-15).

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 luminaires as well, for a completely connected outdoor solution. Equipped 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.

O-10V dimming (DD): Access to 0-10V dimming leads supplied through back controller with #3 lens 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 eparate 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.

SiteWise (SW): SiteWise system includes a controller fully integrated in the luminaire that enables the luminaires to communicate with a dimming signal transmitter cabinet located on site using Philips patented central dimming technology. A locally accessible mobile app allows users to access the system and set functionalities such as ON/OFF, dimming levels and scheduling. SiteWise is available with motion response options in order to bring the light back to 100% when motion is detected. Cannot be used with other control options or photocell options. Additional functionalities are available such as communication with indoor lighting and connection to BMS systems. Complete information on the control system can be found on the SiteWise website at philips.com/sitewise.

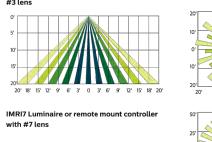
P26_PureForm_area_medium 01/18 page 6 of 8

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. P50-IMRI is set/

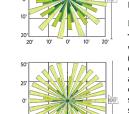
pole (order MS-A-120 or MS-A-277 separately). IMRO sensors require operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "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 is factory set at 15 minutes, and is field adjustable from 5 minutes up to 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).

Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile and SiteWise), 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 annot 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 letection ranges. Lens #3 (IMRI3) is designed for mounting heights up to 20' with a 40' diameter coverage area. Lens #7 is designed for higher feet above the pole base, normally oriented 180° to the standard hand ounting heights up to 40' with larger coverage areas up to 100' diameter hole. For Philips Gardco poles, order the pole with the Motion Sensor coverage area. See charts for approximate detection patterns:



IMRI3 Luminaire or remote mount controllerwith





Outboard combines the benefits of both automatic profile dimming and

motion response. PIR sensor features a pole mounted motion sensor per

single voltage 120V or 277V input. If motion is detected during the time

that the luminaire is operating at profile dimming mode specified, the

luminaire returns to 100% power and light output. The luminaire remains

on high until no motion is detected for the duration period, after which

times the sensor height above ground, 270° from the front-center of the

Distances are

H = height above ground

the luminaire returns back to automatic profile dimming. Duration period $% \left(1\right) =\left(1\right) \left(1\right) \left$

Mounting (MSM) option which includes the hand hole and a special hand hole cover plate for the sensor with a 1/2" NPT receptacle centered on the hand hole cover plate into which the motion sensor mounts. Once the motion sensor is connected to the hand hole cover plate, then wiring connections are completed in the pole. The plate (complete with motion sensor attached and wired) is then mounted to the hand hole. If poles are supplied by others, the customer is responsible for providing suitable mounting accommodations for the motion sensor in the pole (see Gardco

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the

Note: Typical value accuracy +/- 5%

with the following settings:

30% or 50% provide flexibility towards energy savings goals while optimizin ight levels during specific dark hours. When used in combination with not

programmed motion response it overrides the controller's schedule when

• 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)

Wireless system (LLC): Optional wireless controller integral to luminaire

allows you to wirelessly manage the entire site, independent lighting groups

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

with motion response with #3 lens (LLC3) for 8-25' mounting heights or #4 $\,$

lens (LLC4) for 25-40' mounting heights. Also available with remote pod

accessory where pod is mounted separate from luminaire to pole or wall.

r individual luminaires while on-site or remotely. Based on a high-density

ready to be connected to a Limelight system (sold by others). The system

CA50/CA30: for all night (during all dark hours)

Cannot be used with other control options.

LLC4/LLCR4 Luminaire or remote moun

controller with #4 lens

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 Philips or third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be

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 impac 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

surge protector tested in accordance with ANSI/IEEE C62.45 per ANSI/ IEEE C62.41.2 Scenario I Category C High Exposure 10kV/5kA waveforms for Line Ground, Line Neutral and Neutral Ground, and in accordance wit U.S. DOE (Department of Energy) MSSLC (Municipal Solid-State Street Lighting Consortium) Model Specification for LED Roadway Luminaire Appendix D Electrical Immunity High Test Level 10kV / 5kA. Optional 20kV is available for additional protection.

Surge protection (SP1/SP2): Each luminaire is provided as standard with

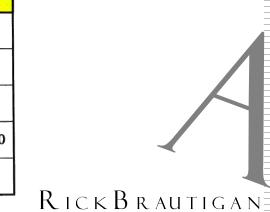
UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). Most PureForm P26 configurations are qualified under Premium DesignLights Consortium® category. Consult DLC Qualified Products list for more details.

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 bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult factory for specs on optional or custom colors.

PureForm luminaires feature a 5-year limited warranty.

i" Poly Pipe 🤇 HOLE WITH ALUMINUM COVER

LENGTH OF POLE		_22_	FT.					
EMBEDMENT SPECIFIED	:	7	FT.					
HEIGHT ABOVE GROUND	<u>12.5</u> ft.							
WEIGHT	900							
WIND VELOCITY (mph)	120	140	15					
MAXIMUM EPA* (sq. ft.)	8	4	3					
Above embedme Other embedme required for otl	nt depti	h may	be					





10258Dixie Highway Delray Beach, FL 33483 Ph: 561.272.9086

F x: 5 6 1.2 7 2.5 6 3 6

AAC002029

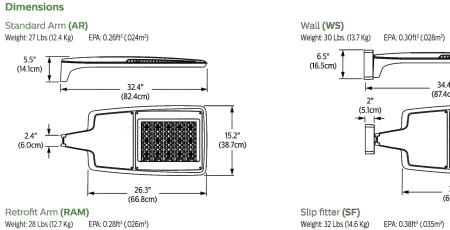
STANDARD PIPE TENON SIZE Outside Diamete 2 3/8" 2 7/8" 2 1/2" 3 1/2" 3 1/2" 4 1/2"

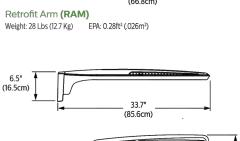
Please order tenon

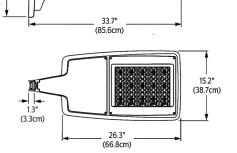
22 ft. TYPE I-O POLE

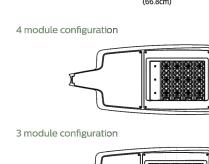
Pre-Cast Specialties, Inc Precast and Prestressed Concrete

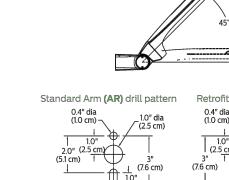
EPA: 0.38ft2 (.035m2)











Retrofit arm (RAM) drill pattern

P26_PureForm_area_medium 01/18 page 4 of 8 **Optical Orientation Information** Standard Optic Position

Note: The hand hole will normally

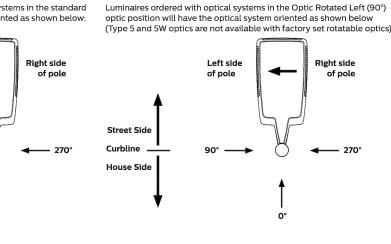
Note: The hand hole will normally

be located on the pole at the 0° point.

Curbline

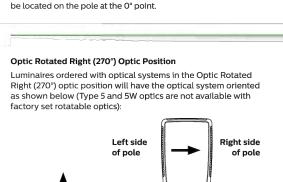
Street Sid

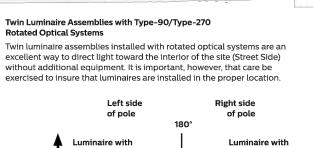
Optic Rotated Left (90°) Optic Position Luminaires ordered with asymmetric optical systems in the standard optic position will have the optical system oriented as shown below:

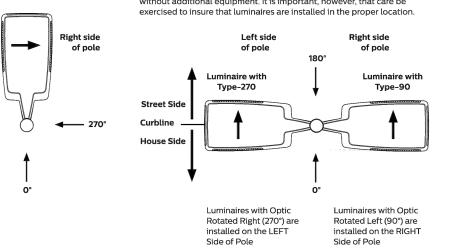


Note: The hand hole will normally

be located on the pole at the 0° point.







Site Lighting Specifications

214 NE 4th Street Delray Beach, RBA. PN. 10316.01

Townhomes

at 214 4th

Issued © 2/8/18:SPRAB Submittal

© 9/24/18:SPRAB Comm. (a) 11/15/18:SPRAB Comm