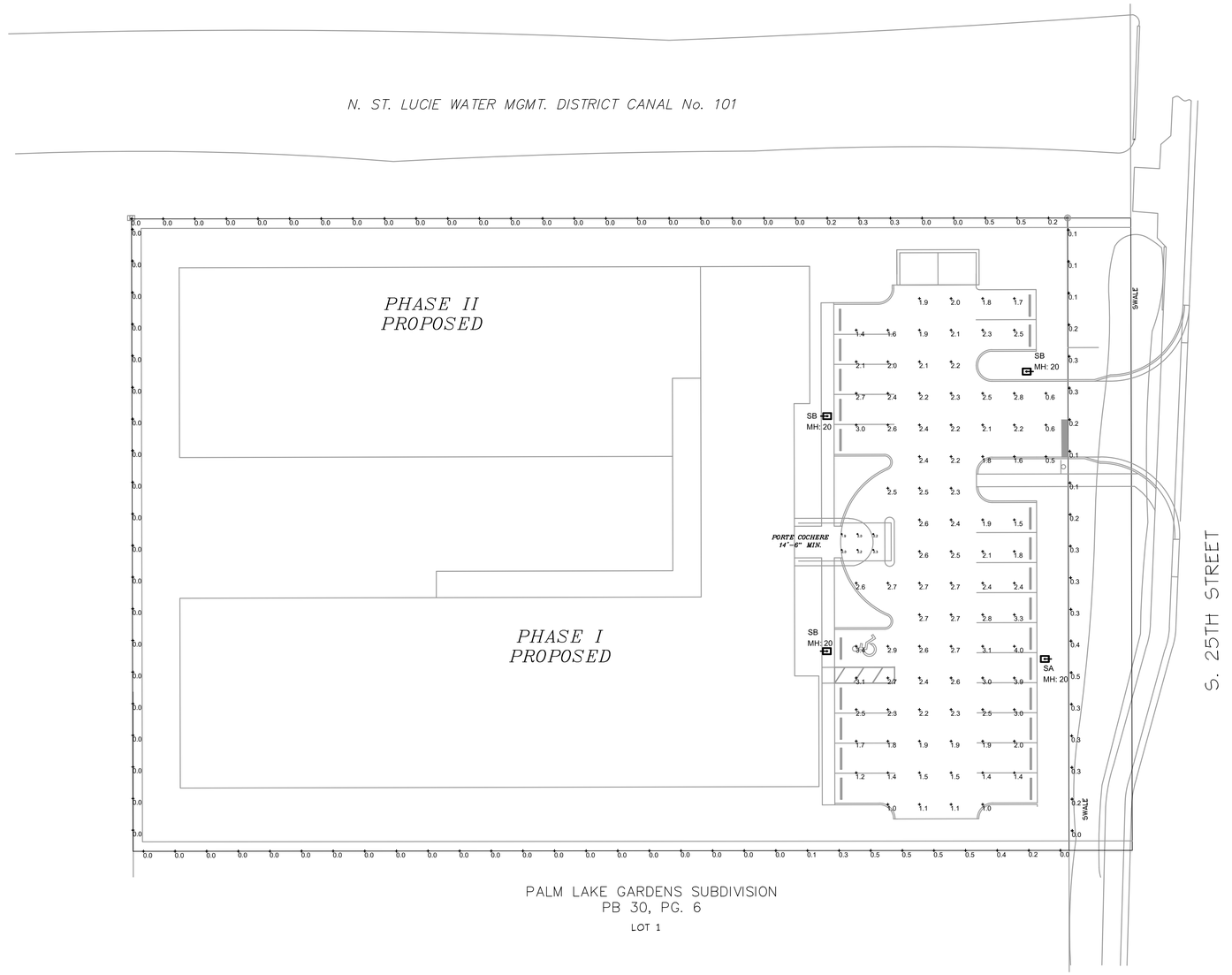


SITE PHOTOMETRIC PLAN

1"=20'-0"

Calculation Summary							
Project: LEGACY SENIOR LIVING SITE & PARKING 08-25-2018							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
COVERED ENTRY_Top_1	Illuminance	Fc	2.10	2.3	1.9	1.11	1.21
PROPERTY LINE	Illuminance	Fc	0.10	0.5	0.0	N.A.	N.A.
DRIVE	Illuminance	Fc	2.13	2.8	0.5	4.26	5.60
PARKING	Illuminance	Fc	2.29	4.0	1.0	2.29	4.00

Luminaire Schedule											
Project: LEGACY SENIOR LIVING SITE & PARKING 08-25-2018											
Symbol	Qty	Label	Description	Lumens/Lamp	LLD	LDD	BF	LLF	Lum. Watts	Total Watts
	1	SA	PHILIPS GARDCO ECF-S-48L-1A-NW-G2-4-HIS POLE MOUNT 20' AFG	N.A.	0.900	0.900	1.000	0.810	161	161
	3	SB	PHILIPS GARDCO ECF-S-32L-1A-NW-G2-3-HIS POLE MOUNT 20' AFG	N.A.	0.900	0.900	1.000	0.810	110.7	332.1

PHILIPS

GARDCO

Site & Area

EcoForm

ECF-S small

The Philips Gardco EcoForm Gen-2 combines economy with performance in an LED area luminaire. Capable of delivering up to 26,400 lumens or more in a compact, low profile LED luminaire, EcoForm offers a new level of customer value. EcoForm features an innovative retrofit arm kit, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings.

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

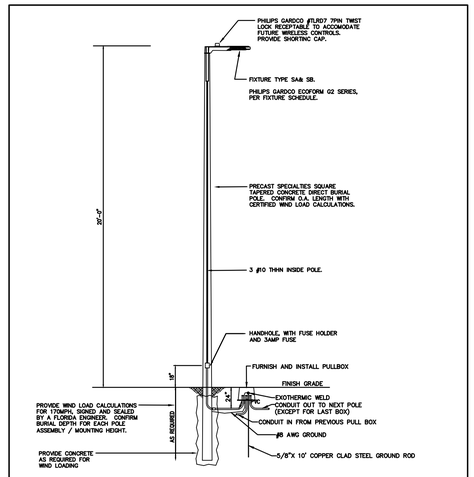
Ordering guide

example: ECF-S-64L-900-NW-G2-AR-S-120-HIS-MGY

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Distribution	Voltage	Options: Dimming controls	Options: Motion sensing	Options: Photo-sensing	Options: Electrical	Options: Luminaire	Finish
ECF-S												
ECF-S EcoForm site and area, small	**32L** 32 LEDs (2 modules)	**530** 530 mA **900** 700 mA **1A** 1050 mA **12A** 1200 mA	**WW-G2** Warm White 3000K, 70 CRI Generation 2 **NW-G2** Neutral White 4000K, 70 CRI Generation 2 **CW-G2** Cool White 5000K, 70 CRI Generation 2	**AR** Arm Mount (standard)[1] *The following mounting kits must be ordered separately* (See accessories) **SF** Slip Fitter Mount[2] (fits to 2 ¼" O.D. tenon) **WS** Wall mount with surface conduit rear entry permitted **RAM** Retrofit arm mount kit[3]	**Type 2** 2 Type 2 **2-90** Rotated left 90° **2-270** Rotated right 270° **Type 3** 3 Type 3 **3-90** Rotated left 90° **3-270** Rotated right 270° **Type 4** 4 Type 4 **4-90** Rotated left 90° **4-270** Rotated right 270° **Type 5** 5 Type 5 **SW** Type SW **AFR** Auto Front Row **AFR-90** Auto Front Row, Rotated left 90° **AFR-270** Auto Front Row, Rotated right 270°	**120** 120V **208** 208V **240** 240V **277** 277V **347** 347V **480** 480V **UNV** 120-277V (50/60Hz) **HVU** 347-480V (50/60Hz)	**DD** 0-10V External dimming (by others)[7] **DCC** Dual Circuit Control[4] **FAWS** Field Adjustable[14] **SW** Interface module for SiteWise[8,12] **LLC2** Integral module with #2 lens[10] **LLC3** Integral module with #3 lens[10] **LLC4** Integral module with #4 lens[10] **DynaDimmer:** Automatic Profile Dimming **CS50** Safety 50% Dimming, 7 hours[7] **CM50** Median 50% Dimming, 8 hours[7] **CE50** Economy 50% Dimming, 9 hours[7] **DA50** All Night 50% Dimming[7] **CS30** Safety 30% Dimming, 7 hours[7] **CM30** Median 30% Dimming, 8 hours[7] **CE30** Economy 30% Dimming, 9 hours[7] **DA30** All Night 30% Dimming[7]	**IMR3** Integral with #3 lens[9] **IMR7** Integral with #7 lens[9] **IMRO** Pole-mounted motion sensor[5] (see accessories)	**PCB** Photocontrol Button[11] **TLR05** Twist Lock Receptacle 5 Pin[11] **TLR07** Twist Lock Receptacle 7 Pin[11] **TLRPC** Twist Lock Receptacle w/ Photocell[11] **Fusing** **FS** Single (120, 277, 347VAC)[7] **F2** Double (208, 240, 480VAC)[7] **Pole Mount Fusing** **FPS** Single (120, 277, 347VAC)[7] **FP2** Double (208, 240, 480VAC)[7] **FP3** Canadian Double Pull (208, 240, 480VAC)[7] **Surge Protection** (10kA standard) **SP2** Increased 20kA	Square Pole Adapter included in standard product **TB** Terminal Block[6] **RPA** Round Pole Adapter (fits to 7"-7.5" O.D. poles)[13] **HIS** Internal Housing Side Shield[4]	**Textured** **BK** Black **WH** White **BZ** Bronze **DGY** Dark Gray **MGY** Medium Gray **Customer specified** **RAL** Specify optional color or RAL (ex: RAL7024) **CC** Custom color (Must supply color chip for required factory quote)

1. Available only on **120**, **208**, **240**, and **277** (or **UNV**)
2. Specify Voltage
3. Not available with **347** or **480** voltage
4. **HIS** not available with Type 5 or **SW** optics
5. **DD** is required for **LLC5**. Dimming leads are supplied through back of luminaire. **IMRO** requires **surface mounted separately** (See accessories page)
6. **DCC** and **LLC2/3/4** not available with any other controls
7. **TB** not available with **DCC**
8. **ECF-IMRI** equipped with out-boarded sensor housing when voltage is **HVU** (347-480V)
9. Mounts to a 4" round pole with adapter included for square poles.
10. Not available with **SF** and **WS**. **RPA**s provided with black finish standard.
11. Limited to a maximum of 45 degrees aiming above horizontal
12. **SW** option is not available with any other control options with the exception of **IMRI3**, **IMRI7** and **SW-IMRO** motion response options
13. Available only on **120V** and **277V**
14. Not available with **DCC**, **IMRI3**, **IMRI7**, **SW**, **LLC** and **CS/CM/CE/DA**
15. **TLR05/7** option not available with **LLC**, **PCB**, **TLRPC** or **DCC**. Max aiming angle 45° Works with 3 or 5 pin NEMA photocell/dimming receptacle and is recommended for NEMA receptacle if ordering with **DD**, **CS/CM/CE/DA**, **IMRI** and **IMRO**.

ECF-S_EcoForm_area_small 03/18 page 1 of 9



LIGHT POLE DETAIL "SA" & "SB"

N.T.S.

PERMIT ISSUED -
CONSTRUCTION ISSUED -

revision	date
4	

1408 Orange Avenue
Fort Pierce, Florida 34950
Phone: 772.242.2023
jmunn@kammconsulting.com
Certification of Authorization #8189

KAMM Consulting

JIMENA MUNN
Project Manager

Florida License #58247

06-27-18
date

signed

project title:
LEGACY SENIOR LIVING CENTER
FORT PIERCE, FLORIDA

sheet title:
PHOTOMETRIC PLAN

projt. no.:	2018-0695
project manager:	JM
checked by:	BB
scale:	AS NOTED
date:	08/27/2018

sheet

E1.1

project