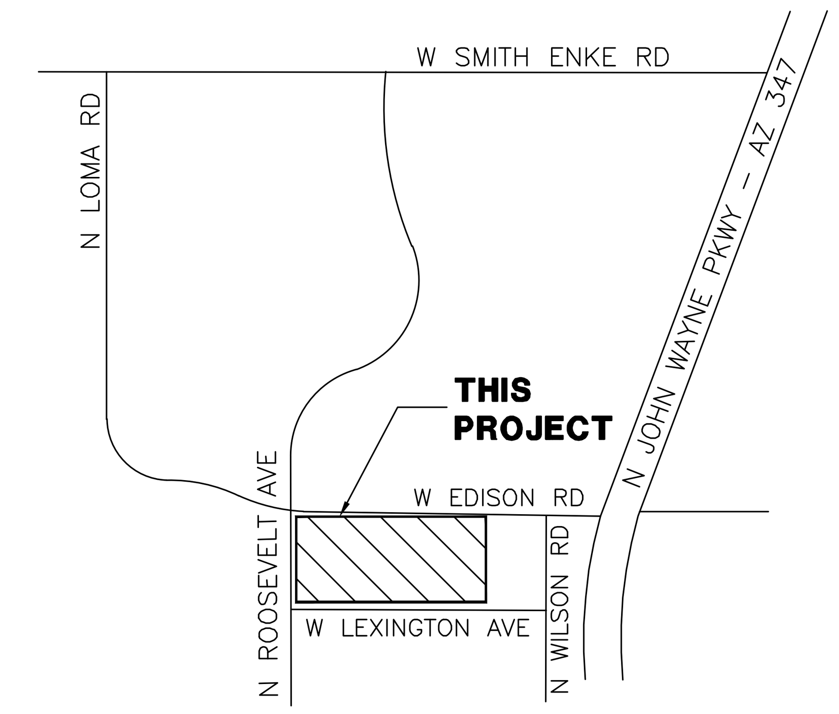
DRP21-06 Exhibit D Photometric Plan

HAMPTON EDISON RENTAL HOMES

W EDISON RD - MARICOPA, AZ
PHOTOMETRIC LIGHTING PLAN



VICINITY MAP
N.T.S.

NORTH

LEGEND

25W CANOPY LIGHT
candela file 'CNC-E01-LED-E1-SQ.ies'
21 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8.5 ft
number locations= 60, number luminaires= 60
kw all locations= 1.5

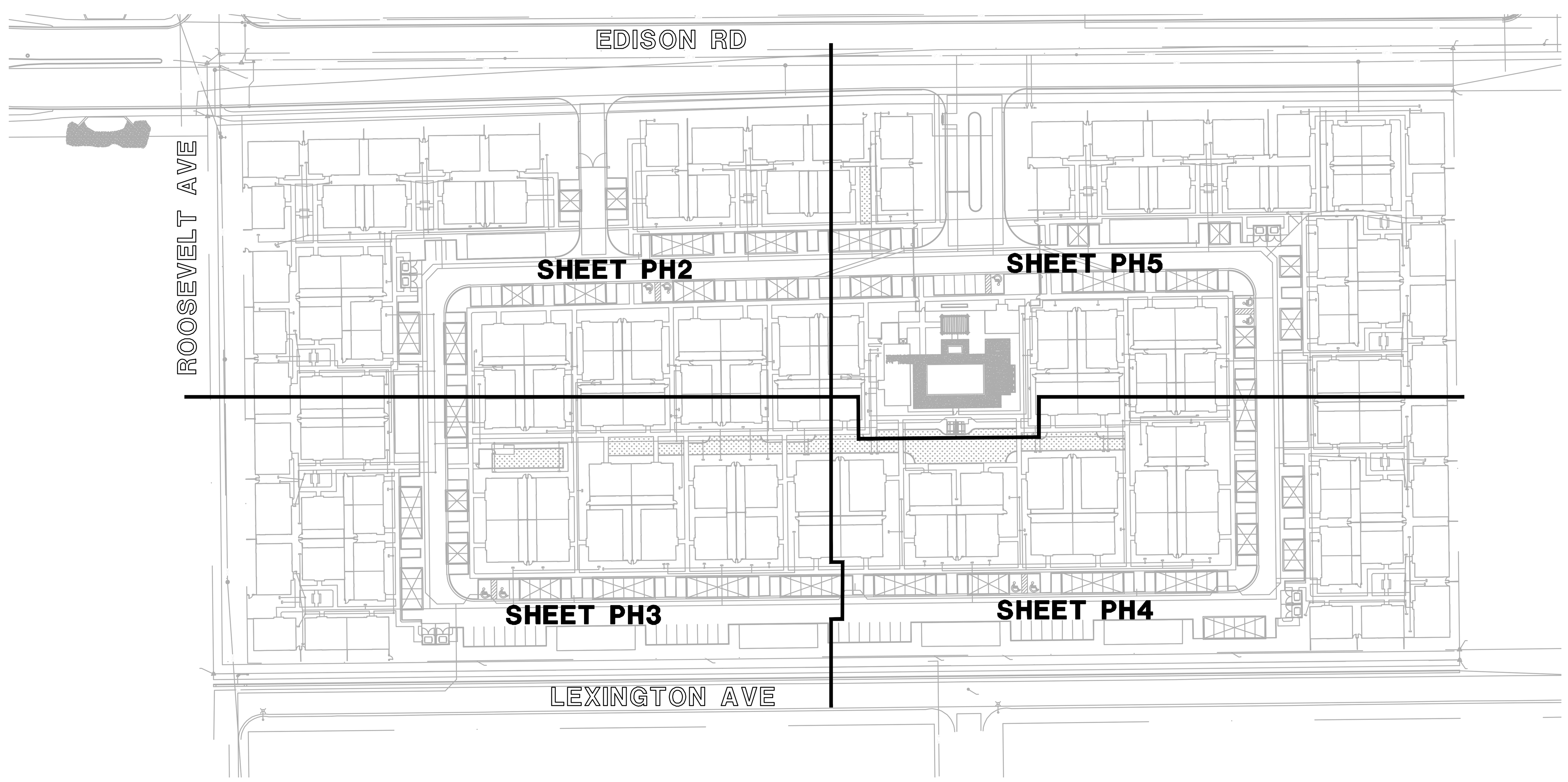
79W TYPE IV LED DECORATIVE LIGHT
candela file 'DSCP22-PLED-VSQ-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 12, number luminaires= 12
kw all locations= 0.9

79W TYPE III DECORATIVE LIGHT
candela file 'DSCP22-PLED-III-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 6, number luminaires= 6
kw all locations= 0.5

19W LED BOLLARD
candela file 'rab03691.ies'
15 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 17
mounting height= 3.6 ft
number locations= 2, number luminaires= 2
kw all locations= 0.0

25W RAMADA LIGHT
candela file 'APX13_25W_35K_FCL.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8 ft
number locations= 5, number luminaires= 5
kw all locations= 0.1

PORCH LIGHT
candela file 's19050042b-01 11A19DIM 830_IESNA95.IES'
1 lamp(s) per luminaire, 1376 initial lumens per lamp
Light Loss Factor = 1.000, watts per luminaire = 11
mounting height= 8 ft
number locations= 168, number luminaires= 168
kw all locations= 1.9



CALCULATIONS

DRIVE AISLES & PARKING
1036 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

Average	2.1
Maximum	5.2
Minimum	0.3
Avg:Min	7.01
Max:Min	17.33
Coef Var	0.40
UnifGrad	3.13

BOUNDARY LINE
325 points
HORIZONTAL FOOTCANDLES

Average	0.0
Maximum	0.5
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	3.10

WALKWAYS
843 points
HORIZONTAL FOOTCANDLES

Average	1.0
Maximum	5.7
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	0.74

ELECTRICAL ENGINEER

WRIGHT ENGINEERING CORPORATION
165 EAST CHILTON DRIVE
CHANDLER, AZ 85225
PHONE: (480) 497-5829
FAX: (480) 497-5807
CONTACT: CHRISTIAN LAURITZEN
EMAIL: CLAURITZEN@WRIGHTENGINEERING.US

SHEET INDEX

NORTH

GRAPHIC SCALE
80 40 0 40 80 160
1 INCH = 80 FEET

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

PHOTOMETRIC COVER SHEET

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

Registered Professional Engineer (Electrical)
Certificate No.
35943
WADE T.
WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

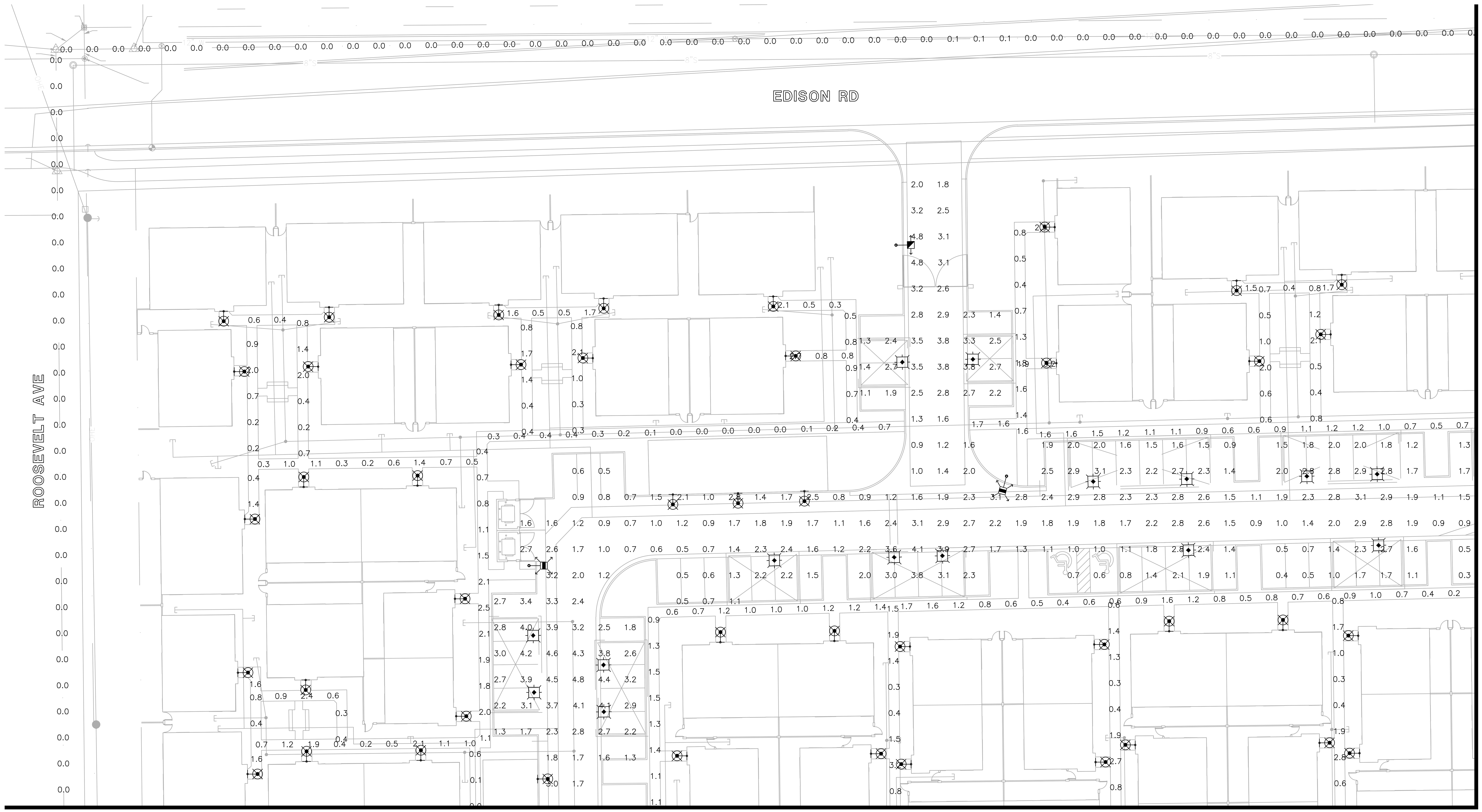
PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **21125**

DESIGN BY: CDL

PH1

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg



MATCH LINE B
SEE SHEET PH5

MATCH LINE A
SEE SHEET PH3

LEGEND

25W CANOPY LIGHT
candela file 'CNC-E01-LED-E1-SQ.ies'
21 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8.5 ft
number locations= 60, number luminaires= 60
kw all locations= 1.5

79W TYPE IV LED DECORATIVE LIGHT
candela file 'DSCP22-PLED-VSQ-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 12, number luminaires= 12
kw all locations= 0.9

79W TYPE III DECORATIVE LIGHT
candela file 'DSCP22-PLED-III-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 6, number luminaires= 6
kw all locations= 0.5

19W LED BOLLARD
candela file 'rab03691.ies'
15 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 17
mounting height= 3.6 ft
number locations= 2, number luminaires= 2
kw all locations= 0.0

25W RAMADA LIGHT
candela file 'APX13_25W_35K_FCL.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8 ft
number locations= 5, number luminaires= 5
kw all locations= 0.1

PORCH LIGHT
candela file 's19050042b-01 11A19DIM 830_IESNA95.IES'
1 lamp(s) per luminaire, 1376 initial lumens per lamp
Light Loss Factor = 1.000, watts per luminaire = 11
mounting height= 8 ft
number locations= 168, number luminaires= 168
kw all locations= 1.9

CALCULATIONS

DRIVE AISLES & PARKING
1036 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

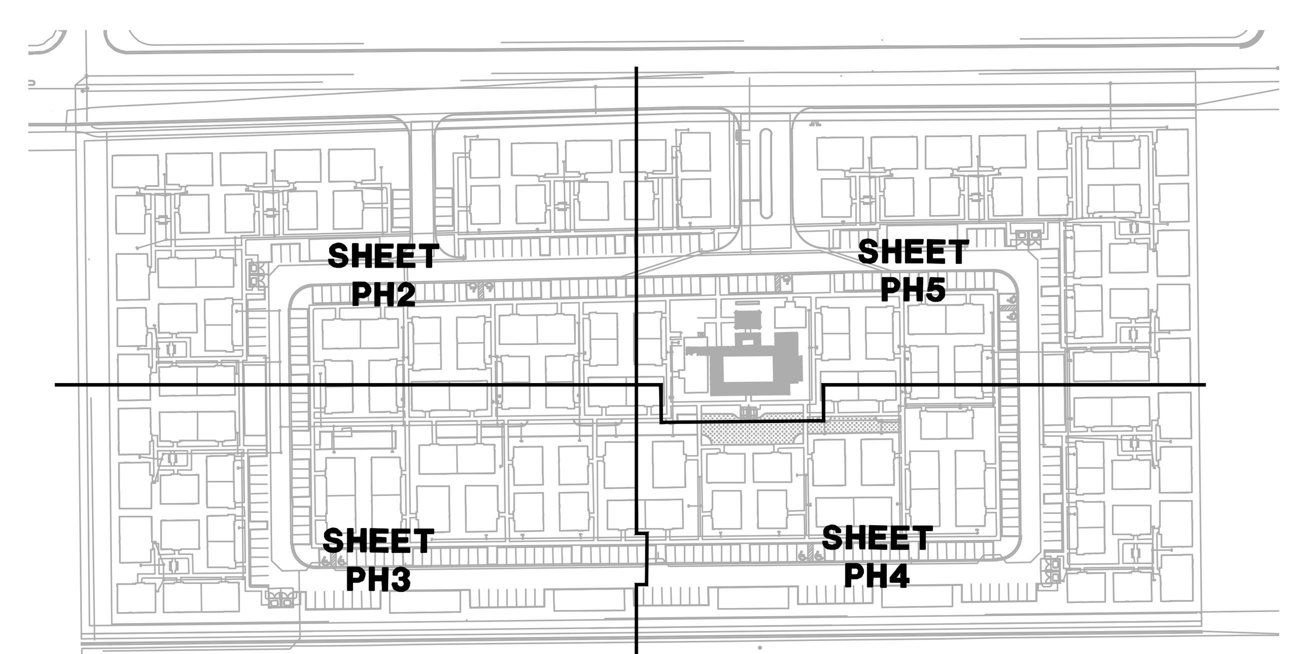
Average	2.1
Maximum	5.2
Minimum	0.3
Avg:Min	7.01
Max:Min	17.33
Coef Var	0.40
UnifGrad	3.13

WALKWAYS
843 points
HORIZONTAL FOOTCANDLES

Average	1.0
Maximum	5.7
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	0.74

BOUNDARY LINE
325 points
HORIZONTAL FOOTCANDLES

Average	0.0
Maximum	0.5
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	3.10



KEY MAP
N.T.S.

NORTH

NORTH

GRAPHIC SCALE

20 10 0 10 20 40

1 INCH = 20 FEET

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

PHOTOMETRIC CALCULATIONS

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

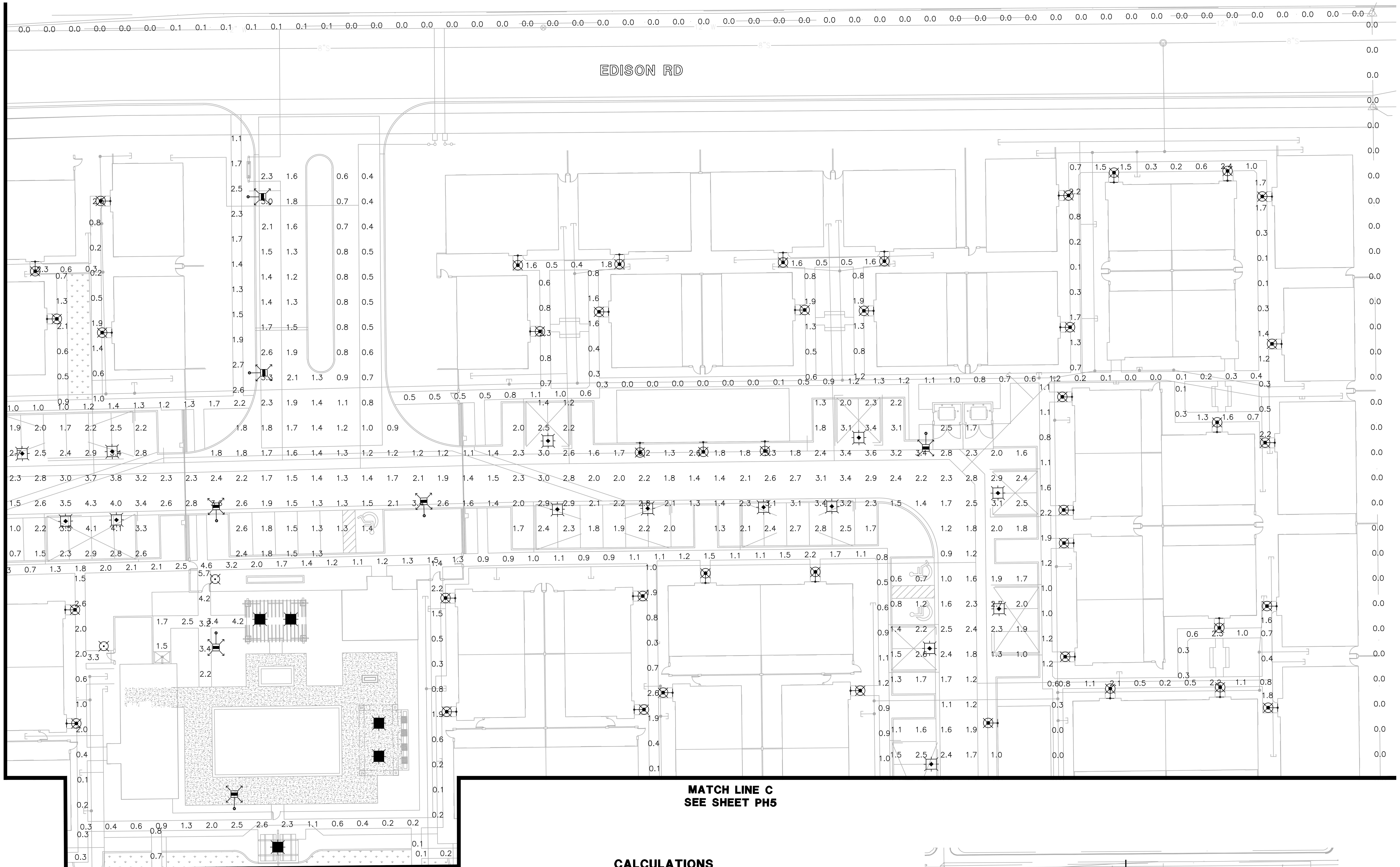
PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG. PROJECT NO: **21125**

DESIGN BY: CDL

PH2

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg



LEGEND

25W CANOPY LIGHT
candela file 'CNC-E01-LED-E1-SQ.ies'
21 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8.5 ft
number locations= 60, number luminaires= 60
kw all locations= 1.5

79W TYPE IV LED DECORATIVE LIGHT
candela file 'DSCP22-PLED-VSQ-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 12, number luminaires= 12
kw all locations= 0.9

79W TYPE III DECORATIVE LIGHT
candela file 'DSCP22-PLED-III-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 6, number luminaires= 6
kw all locations= 0.5

19W LED BOLLARD
candela file 'rab03691.ies'
15 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 17
mounting height= 3.6 ft
number locations= 2, number luminaires= 2
kw all locations= 0.0

25W RAMADA LIGHT
candela file 'APX13_25W_35K_FCL.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8 ft
number locations= 5, number luminaires= 5
kw all locations= 0.1

PORCH LIGHT
candela file 's19050042b-01 11A19DIM 830_IESNA95.IES'
1 lamp(s) per luminaire, 1376 initial lumens per lamp
Light Loss Factor = 1.000, watts per luminaire = 11
mounting height= 8 ft
number locations= 168, number luminaires= 168
kw all locations= 1.9

CALCULATIONS

DRIVE AISLES & PARKING
1036 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

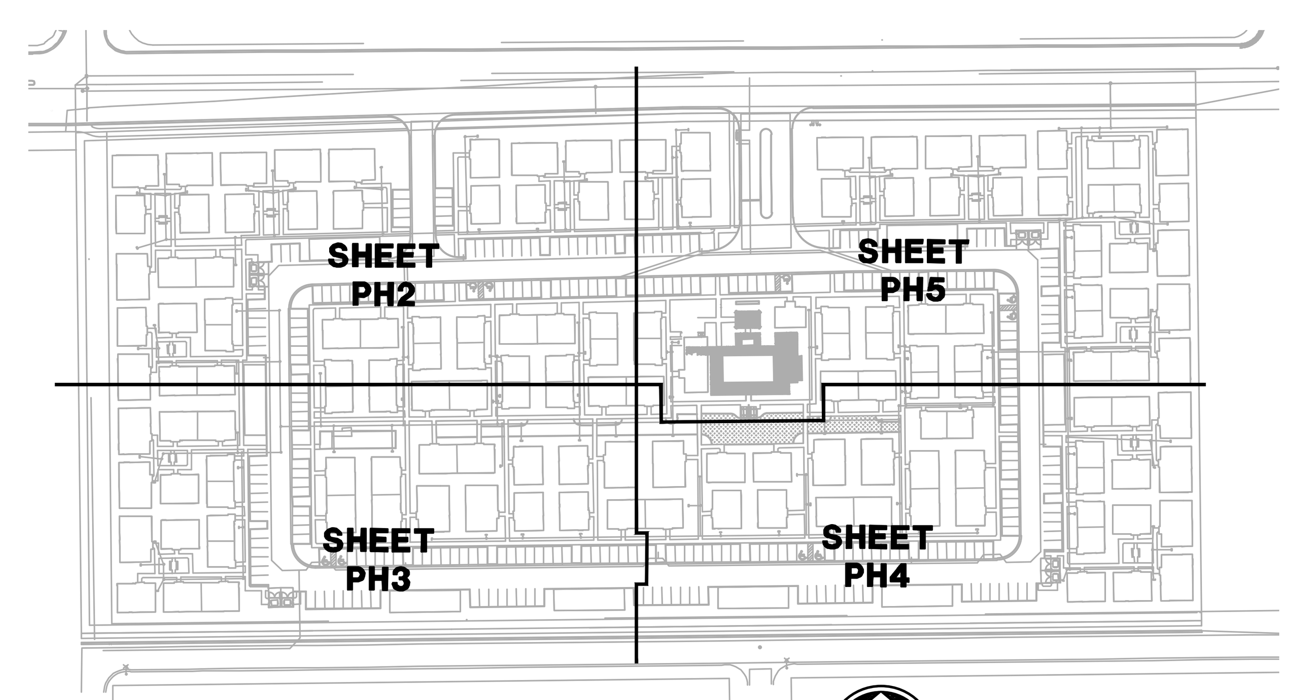
Average	2.1
Maximum	5.2
Minimum	0.3
Avg:Min	7.01
Max:Min	17.33
Coef Var	0.40
UnifGrad	3.13

WALKWAYS
843 points
HORIZONTAL FOOTCANDLES

Average	1.0
Maximum	5.7
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	0.74

BOUNDARY LINE
325 points
HORIZONTAL FOOTCANDLES

Average	0.0
Maximum	0.5
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	3.10



KEY MAP
N.T.S.

NORTH

NORTH

GRAPHIC SCALE
20 10 0 10 20 40
1 INCH = 20 FEET

PHOTOMETRIC CALCULATIONS

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

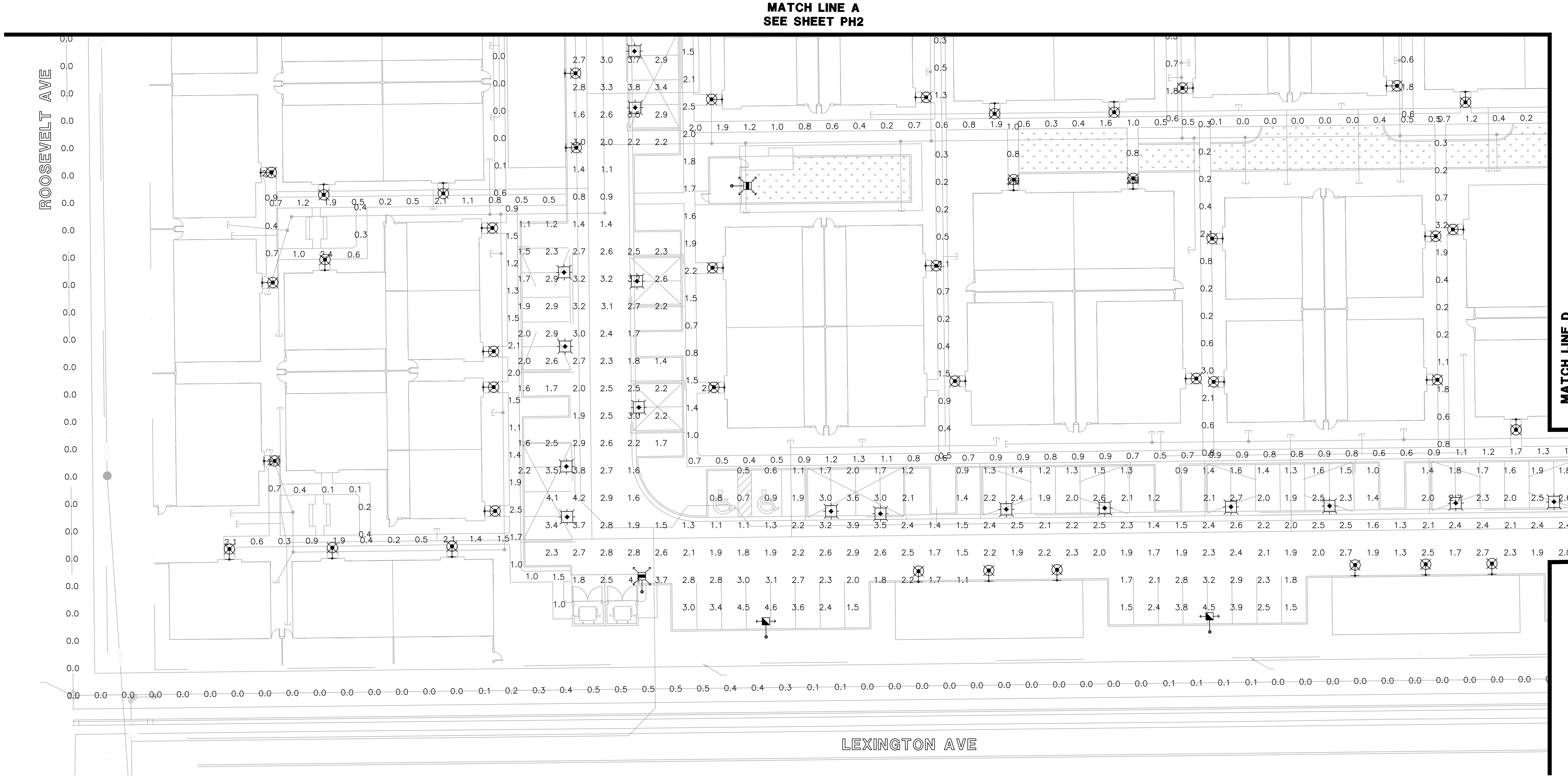
Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **21125**

DESIGN BY: CDL **PH3**

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg



LEGEND

25W CANOPY LIGHT
candela file 'CNC-E01-LED-E1-SQ.ies'
21 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8.5 ft
number locations= 60, number luminaires= 60
kw all locations= 1.5

79W TYPE IV LED DECORATIVE LIGHT
candela file 'DSCP22-PLED-VSQ-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 12, number luminaires= 12
kw all locations= 0.9

79W TYPE III DECORATIVE LIGHT
candela file 'DSCP22-PLED-III-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 6, number luminaires= 6
kw all locations= 0.5

19W LED BOLLARD
candela file 'rab03691.ies'
15 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 17
mounting height= 3.6 ft
number locations= 2, number luminaires= 2
kw all locations= 0.0

25W RAMADA LIGHT
candela file 'APX13_25W_35K_FCL.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8 ft
number locations= 5, number luminaires= 5
kw all locations= 0.1

PORCH LIGHT
candela file 's19050042b-01 11A19DIM 830_IESNA95.IES'
1 lamp(s) per luminaire, 1376 initial lumens per lamp
Light Loss Factor = 1.000, watts per luminaire = 11
mounting height= 8 ft
number locations= 168, number luminaires= 168
kw all locations= 1.9

CALCULATIONS

DRIVE AISLES & PARKING
1036 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

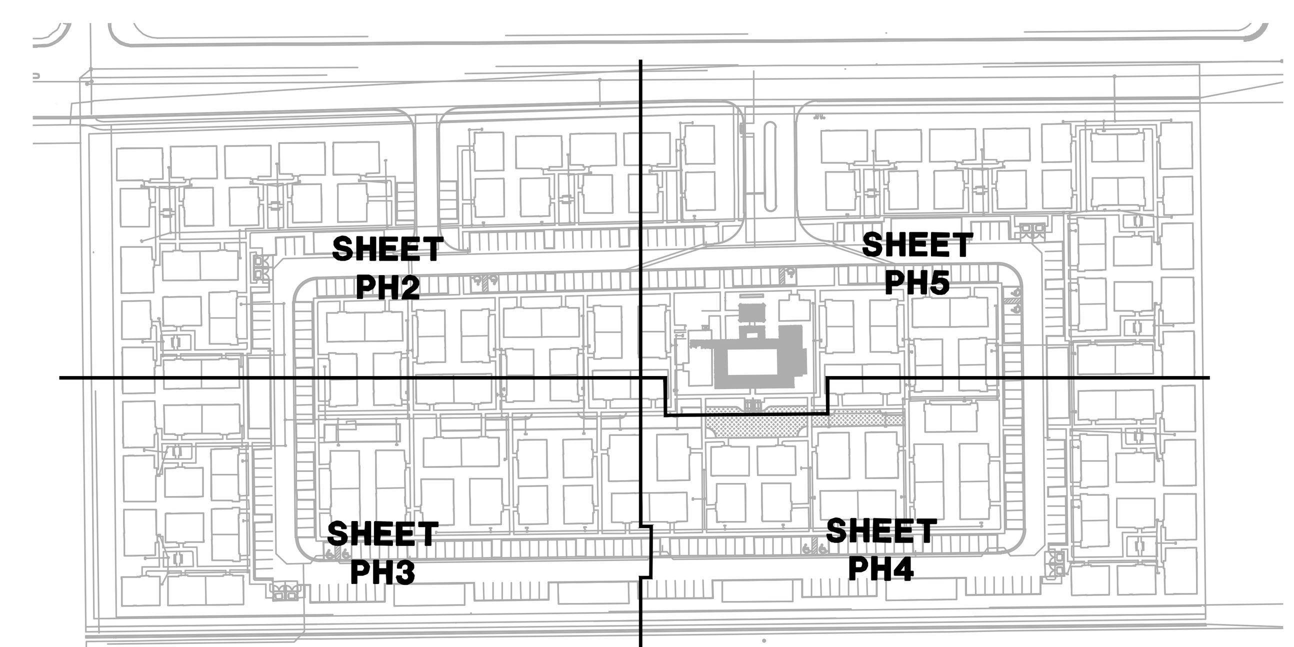
Average	2.1
Maximum	5.2
Minimum	0.3
Avg:Min	7.01
Max:Min	17.33
Coef Var	0.40
UnifGrad	3.13

WALKWAYS
843 points
HORIZONTAL FOOTCANDLES

Average	1.0
Maximum	5.7
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	0.74

BOUNDARY LINE
325 points
HORIZONTAL FOOTCANDLES

Average	0.0
Maximum	0.5
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	3.10



KEY MAP
N.T.S.

NORTH

GRAPHIC SCALE
20 10 0 10 20 40
1 INCH = 20 FEET

NORTH

PHOTOMETRIC CALCULATIONS

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

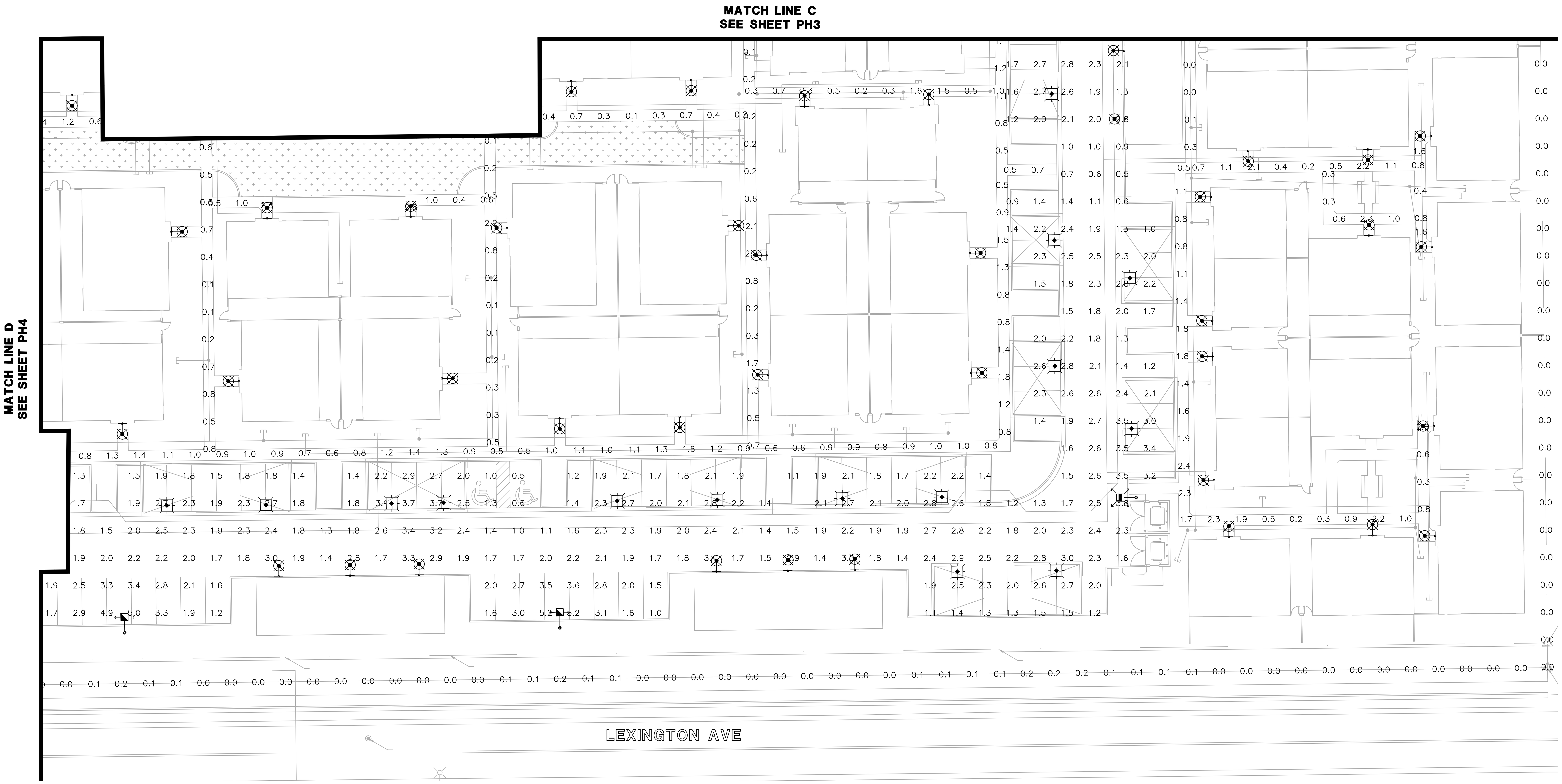
Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **21125**

DESIGN BY: CDL **PH4**

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg



LEGEND

25W CANOPY LIGHT
candela file 'CNC-E01-LED-E1-SQ.ies'
21 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8.5 ft
number locations= 60, number luminaires= 60
kw all locations= 1.5

79W TYPE IV LED DECORATIVE LIGHT
candela file 'DSCP22-PLED-VSQ-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 12, number luminaires= 12
kw all locations= 0.9

79W TYPE III DECORATIVE LIGHT
candela file 'DSCP22-PLED-III-W-36LED-700mA-WW.ies'
36 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 79
mounting height= 14 ft
number locations= 6, number luminaires= 6
kw all locations= 0.5

19W LED BOLLARD
candela file 'rab03691.ies'
15 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 17
mounting height= 3.6 ft
number locations= 2, number luminaires= 2
kw all locations= 0.0

25W RAMADA LIGHT
candela file 'APX13_25W_35K_FCL.ies'
1 lamp(s) per luminaire, photometry is absolute
Light Loss Factor = 0.900, watts per luminaire = 25
mounting height= 8 ft
number locations= 5, number luminaires= 5
kw all locations= 0.1

PORCH LIGHT
candela file 's19050042b-01 11A19DIM 830_IESNA95.IES'
1 lamp(s) per luminaire, 1376 initial lumens per lamp
Light Loss Factor = 1.000, watts per luminaire = 11
mounting height= 8 ft
number locations= 168, number luminaires= 168
kw all locations= 1.9

PHOTOMETRIC CALCULATIONS

CALCULATIONS

DRIVE AISLES & PARKING
1036 points at z=0, sp 10ft by 10ft
HORIZONTAL FOOTCANDLES

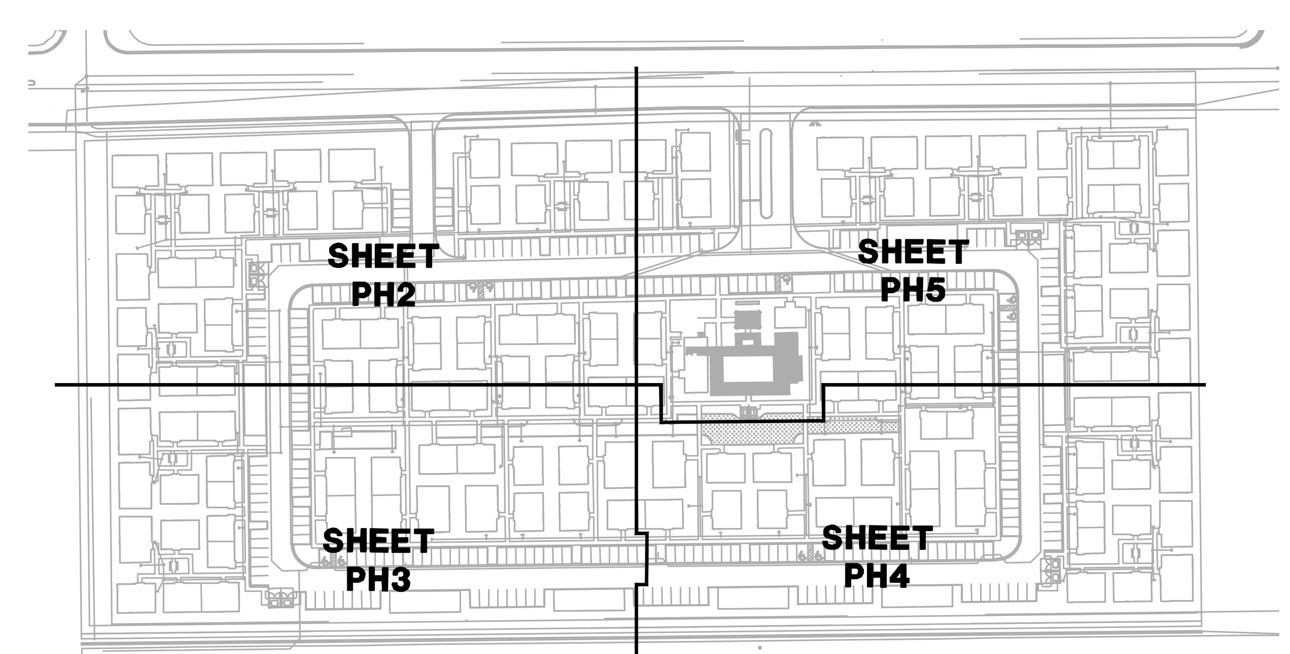
Average	2.1
Maximum	5.2
Minimum	0.3
Avg:Min	7.01
Max:Min	17.33
Coef Var	0.40
UnifGrad	3.13

WALKWAYS
843 points
HORIZONTAL FOOTCANDLES

Average	1.0
Maximum	5.7
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	0.74

BOUNDARY LINE
325 points
HORIZONTAL FOOTCANDLES

Average	0.0
Maximum	0.5
Minimum	0.0
Avg:Min	N/A
Max:Min	N/A
Coef Var	3.10



KEY MAP
N.T.S.

NORTH

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

NORTH

GRAPHIC SCALE
20 10 0 10 20 40
1 INCH = 20 FEET

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: **21125**

DESIGN BY: CDL

PH5

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg

SOLID STATE AREA LIGHTING

DSCP SERIES-PLED

PROJECT NAME:

FIXTURE TYPE:

FEATURES

Luminaire
Upper housing is heavy gauge cast aluminum (min. .125" wall; alloy >0.2% Cu for DSCP28) or spun aluminum with reveal (.125" min. wall for DSCP22). Lower housing is 0.080" thick spun aluminum with integrated LED module seat. Lower housing is vented at top and bottom for convective cooling of LED module. Top Driver chamber is barriered from LED Module chamber. Trulevel ball coupling mount is welded to housing and facilitates quick leveling and installation.

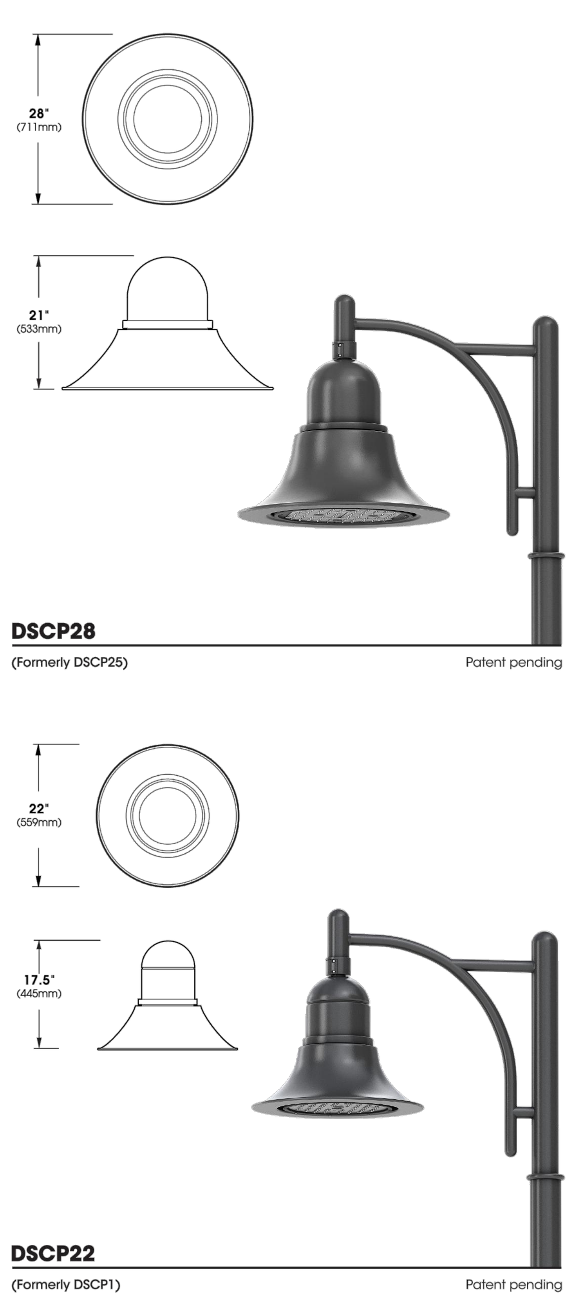
PLED™ Optics
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments.

LED Emitters
High output LED's are utilized with drive currents ranging from 350mA to 875mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED Driver
Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field installation.)

Amber LED's
PCA (Phosphor Converted Amber) LED's utilize phosphors to create color output similar to LPS lamps and have a slight output in the blue spectral bandwidth. TRA (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

Finish
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



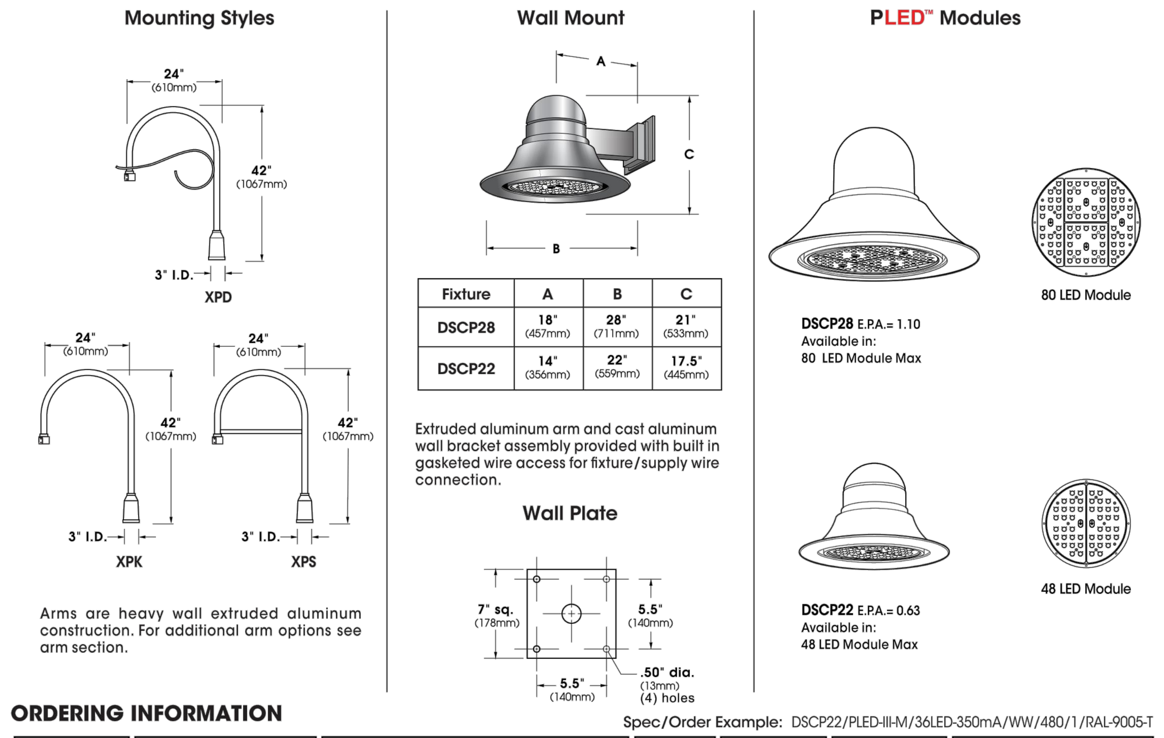
U.S. Pole Co Inc. 660 West Avenue O, Palmdale, CA 93551 Phone (661) 233-2000 Fax (661) 233-2001 www.usaltg.com

2020058

U.S. ARCHITECTURAL LIGHTING

DSCP SERIES - PLED

SPECIFICATIONS



Arms are heavy wall extruded aluminum construction. For additional arm options see arm section.

Fixture	A	B	C
DSCP28	18" (457mm)	28" (711mm)	21" (533mm)
DSCP22	14" (356mm)	22" (559mm)	17.5" (445mm)

Extruded aluminum arm and cast aluminum wall bracket assembly provided with built in gasketed wire access for fixture/supply wire connection.

DSCP28 E.P.A.= 1.10
Available in:
80 LED Module Max

DSCP22 E.P.A.= 0.63
Available in:
48 LED Module Max

ORDERING INFORMATION

Spec/Order Example: DSCP22/PLED-III-M/36LED-350mA/WW/480/1/RAL-9005-T

Luminaire | Optics | LED Mode | Voltage | Mounting | Finish | Options

Luminaire
- ☐ DSCP28-PLED (Formerly DSCP25)
- ☐ DSCP22-PLED (Formerly DSCP1)

Optics — PLED™ Distribution Type
- ☐ Type II PLED-II
- ☐ Type II Front Row PLED-II-FR
- ☐ Type III Med. PLED-III-M
- ☐ Type III Wide PLED-III-W
- ☐ Type IV PLED-IV
- ☐ Type IV PLED-IV-FT
- ☐ Type V Narrow PLED-VSQ-N
- ☐ Type V Med. PLED-V-SQ-M
- ☐ Type V Wide PLED-V-SQ-W

LED
- # of LEDs — DSCP28: ☐ 80LED[1] ☐ 48LED ☐ 36LED; DSCP22: ☐ 48LED[1] ☐ 36LED ☐ 20LED
- Drive Current: ☐ 1050mA[2] ☐ 875mA[2] ☐ 700mA[2] ☐ 525mA ☐ 350mA
- Color Temp - CCT: ☐ NW (4000K)* *Standard ☐ CW (5000K) ☐ WW (3000K); Other LED Colors Available Consult Factory
- Amber[3]: ☐ Phosphor Converted Amber PCA[4] ☐ True Amber[5] TRA

NOTES:
1 - 875mA maximum
2 - 700mA and 875mA not for use with TRA LED's
3 - Narrow band Ambers have no Definable CCT equivalent
4 - 700mA maximum
5 - Available in 350mA & 525mA drive currents only

Voltage: ☐ 120 ☐ 208 ☐ 240 ☐ 277 ☐ 347 ☐ 480

Mounting: ☐ XPK ☐ XPS ☐ XPD ☐ 1; Wallmount: ☐ WM
See USALTG.COM for additional arm styles

Finish — Standard Textured Finish
- ☐ Black RAL-9005-T
- ☐ White RAL-9003-T
- ☐ Grey RAL-7004-T
- ☐ Dark Bronze RAL-8019-T
- ☐ Green RAL-6005-T

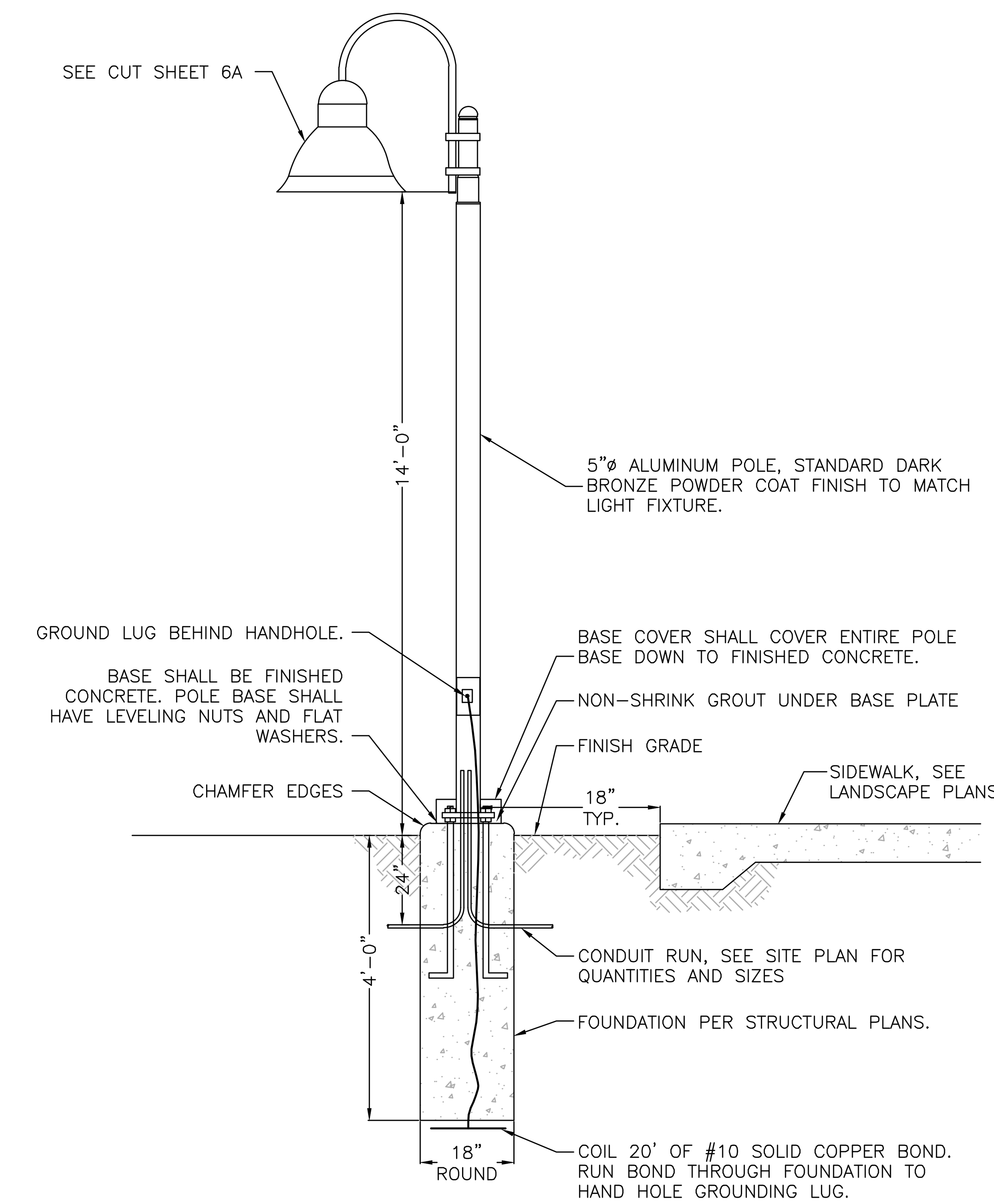
For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S)
Consult factor for custom colors

Options
- ☐ Stem Mount + Length(in) (48" Max) SM+L
- ☐ Chain Mount + Length(in) (48" Max) CM+L
- ☐ Internal House Side Shield inc. LED Count (Example: HS-PLED/48) HS-PLED
- ☐ Twist Lock Receptable Only TPR
- ☐ 7-Pin Twist Lock Receptable Only TPR7
- ☐ High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW
- ☐ Photo Cell + Voltage (Example: PC120V) PC+V
- ☐ Single Fuse (120V, 277V) SF
- ☐ Double Fuse (208V, 240V) DF
- ☐ Programmable Photo/ Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F211
- ☐ Remote Motion Sensor Configurator MS-FC10

U.S. Pole Co Inc. 660 West Avenue O, Palmdale, CA 93551 Phone (661) 233-2000 Fax (661) 233-2001 www.usaltg.com

U.S. ARCHITECTURAL LIGHTING

1A - DECORATIVE LIGHT



1B DECORATIVE LIGHT DETAIL

NO SCALE

McGraw-Edison

DESCRIPTION

The Concise™ LED luminaire features a rugged and low profile housing construction incorporating patent pending, modular LED LightBAR™ technology. Through superior optical control, the Concise luminaire delivers uniform and energy conscious illumination optimized to improve vehicular movement and pedestrian safety. UL/cUL listed for wet locations.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
One-piece, low copper die-cast aluminum housing features heavy wall construction for superior heat transfer and resistance to corrosion. Formed aluminum faceplate is secured via four stainless steel fasteners and is recessed for clean mating of door and housing. Optional tamper-proof Torx™-head fasteners offer vandal resistant access to the electrical compartment.

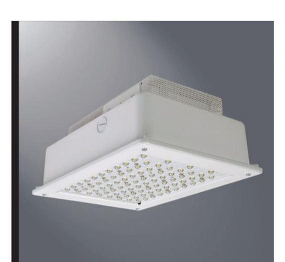
Optics
Choice of nine patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT, 5000K CCT and 5700K CCT.

Electrical
LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightBARs feature an IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

Mounting
Standard fixture mounts to a square or octagonal 4" surface or recessed j-box via heavy gauge painted quick mount box complete with toolless removable cable allowing for hands-free fixture wiring. Single carton packaging of housing and quick mounting box for contractor friendly arrival of product to site. Optional mounting methods include rigid or free swinging pendant, trunnion mount and wall mount and surface mount configurations.

Finish
Cast components and mounting box finished in a super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

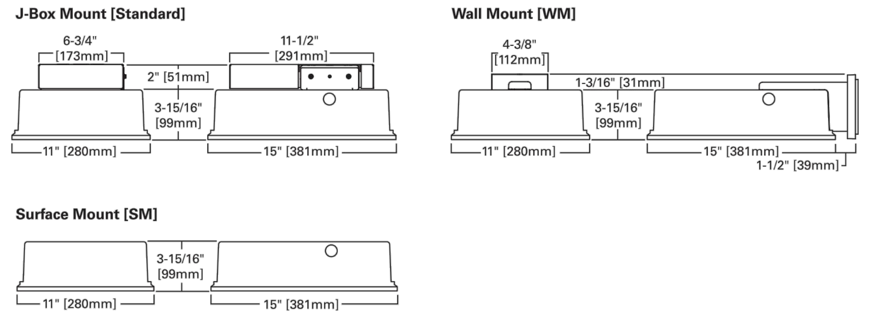


CNC
CONCISE LED

1 - 4 LightBARs
Solid State LED

CANOPY LUMINAIRE

MOUNTING METHODS



CERTIFICATION DATA
UL/cUL Listed
LM79 / LM80 Compliant
IP65 Fixture Rating
IP66 LightBARs
ISO 9001

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120V-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating
50°C Ambient Temperature Rating (HA option)

SHIPPING DATA
Approximate Net Weight:
16 lbs. (8 kgs.)

EATON Powering Business Worldwide

TD515004EN
2017-04-18 10:06:50

CNC CONCISE LED

POWER AND LUMENS BY BAR COUNT (21 LED LIGHTBARS)

Number of LightBARs		E01	E02	E03	E04
Drive Current		350mA Drive Current			
Power (Watts)		25W	52W	75W	97W
Current @ 120V (A)		0.22	0.44	0.63	0.82
Current @ 277V (A)		0.10	0.20	0.28	0.36
Power (Watts)		31W	58W	82W	99W
Current @ 347V (A)		0.11	0.19	0.28	0.29
Current @ 480V (A)		0.09	0.15	0.20	0.21
CQ	Lumens	3,108	6,215	9,323	12,431
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
SQ	Lumens	3,066	6,131	9,197	12,262
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
WQ	Lumens	3,092	6,184	9,276	12,368
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
GL2	Lumens	2,928	5,856	8,784	11,712
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
GL3	Lumens	2,969	5,937	8,906	11,875
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
GL4	Lumens	2,882	5,764	8,646	11,528
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
RW	Lumens	3,004	6,007	9,011	12,015
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
CPL/CPR	Lumens	2,693	5,387	8,080	10,774
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3

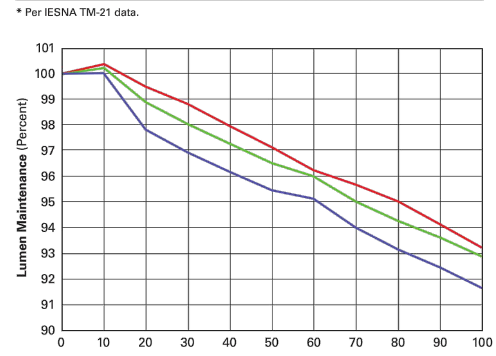
POWER AND LUMENS BY BAR COUNT (7 LED LIGHTBARS)

Number of LightBARs		F01	F02	F03	F04
Drive Current		1A Drive Current			
Power (Watts)		26W	55W	78W	102W
Current @ 120V (A)		0.22	0.46	0.66	0.86
Current @ 277V (A)		0.10	0.21	0.29	0.37
Power (Watts)		32W	60W	85W	105W
Current @ 347V (A)		0.11	0.19	0.28	0.30
Current @ 480V (A)		0.09	0.15	0.21	0.22
CQ	Lumens	2,565	5,131	7,696	10,262
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
SQ	Lumens	2,531	5,061	7,592	10,123
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
WQ	Lumens	2,553	5,105	7,658	10,210
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
GL2	Lumens	2,417	4,834	7,251	9,668
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
GL3	Lumens	2,451	4,901	7,352	9,803
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
GL4	Lumens	2,379	4,758	7,138	9,517
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
RW	Lumens	2,480	4,959	7,439	9,918
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3
CPL/CPR	Lumens	2,224	4,447	6,671	8,894
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B1-U0-G3

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours	Theoretical L70 (Hours)
25°C	> 99%	> 97%	> 96%	> 93%	> 450,000
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000
50°C	> 97%	> 96%	> 95%	> 91%	> 400,000

* Per IESNA TM-21 data.



LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99
50°C	0.96

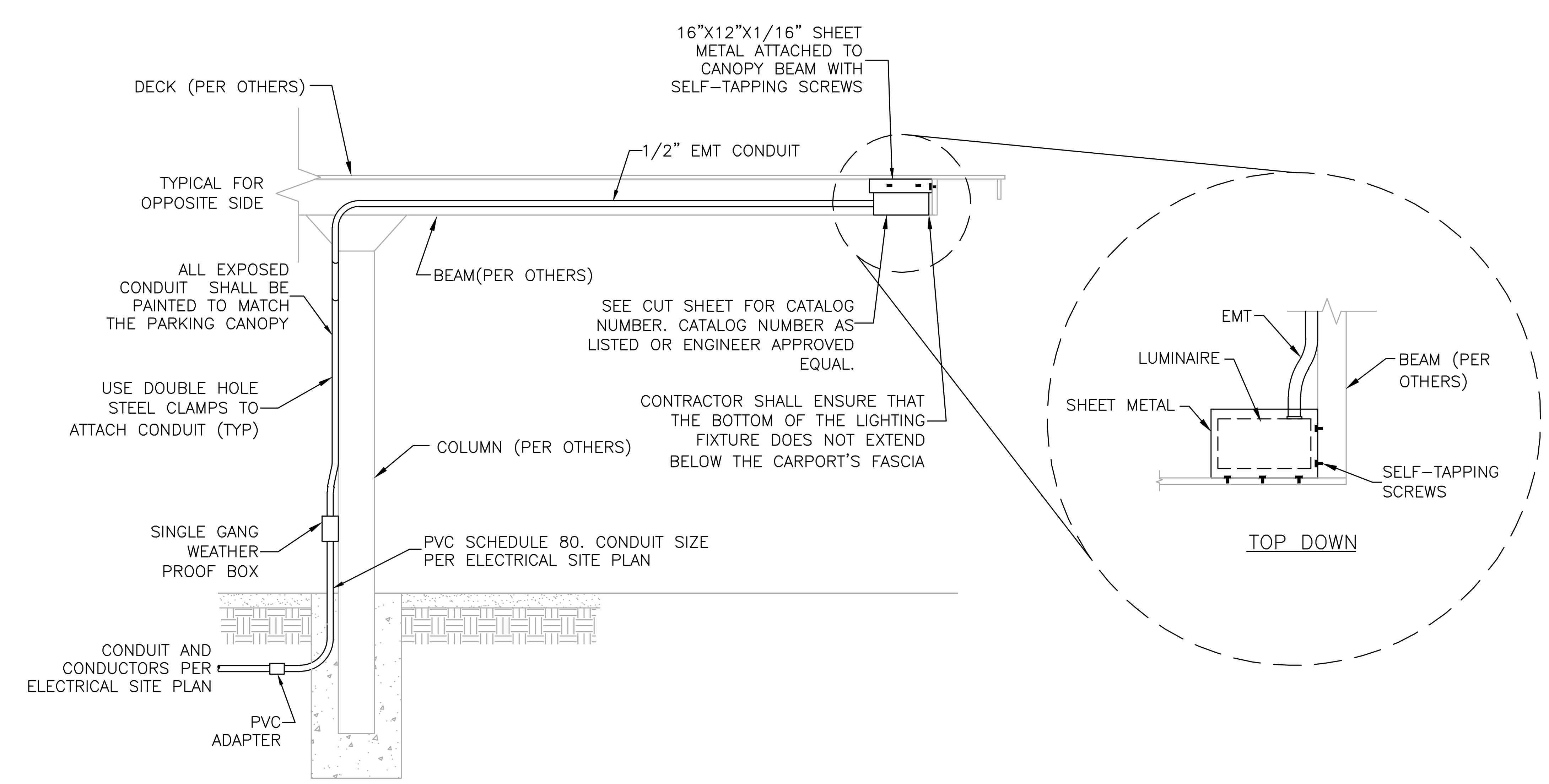
EATON Powering Business Worldwide

Eaton 1121 Highway 74 South Peachtree City, GA 30269 P: 770-486-4800 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

TD515004EN
2017-04-18 10:06:50

2A - CANOPY-MOUNTED LIGHT



2B CANOPY LIGHT DETAIL

NO SCALE

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG.
PROJECT NO: 21125

DESIGN BY: CDL

PH6

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg

BDLEDR18Y

RAB

LED bollard with architectural quality and strength at an affordable price point. Cylindrical post with dome head. Available in 4 light pattern configurations including 360° (24W), 270°(18W), 180°(12W option) & 90°(12W standard).

Color: Bronze   Weight: 10.4 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.24A
208V	0.18A
240V	0.15A
277V	0.12A
Input Watts	17.00W

LED Info

Watts	18W
Color Temp	3000K (Warm)
Color Accuracy	84 CRI
L70 Lifespan	100,000
Lumens	1,593
Efficacy	93.7 lm/W

Technical Specifications

Listings

UL Listed:

Suitable for wet locations. Suitable for mounting within 4 ft. (1.2m) of the ground.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PHZLZSJR

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Color Consistency:

5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

Optical

BUG Rating:

B1 U3 G2

Construction

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The BDLED is designed for cool operation, maximum efficiency and long life by minimizing LED junction temperature.

Housing:

Die-cast aluminum with extruded aluminum post

Lens:

Frosted vandal resistant polycarbonate

Reflector:

Vacuum-metalized polycarbonate

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

BDLEDR18Y

RAB

Technical Specifications (continued)

Construction

Mounting:

Four (4) anchor bolts provided for concrete pad mounting. Internal base support has leveling screws.

Gaskets:

High-temperature silicone gaskets seal out moisture gaskets seal out moisture

Anchor Bolt:

Anchor Bolt Dimension is available here.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Patents:

The design of BLED is protected by patents in US, Canada & China

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Equivalency:

Equivalent to 50W Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.24A, 208V: 0.18A, 240V: 0.15A, 277V: 0.12A

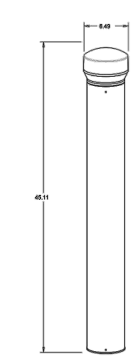
THD:

6.5% at 120V, 10.4% at 277V

Power Factor:

99.5% at 120V, 89.7% at 277V

Dimensions



Features

- Patented base mount design for super sturdy installation
- Durable construction and frosted vandal-resistant polycarbonate lens
- Precision-engineered optics deliver maximum downward lighting without glare
- Four leveling screws provided for easy installation
- 100,000-hour LED lifespan

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

Copyright © 2020 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

BDLEDR18Y

RAB

Ordering Matrix

Family	Wattage	Color Temp	Finish		Distribution	Voltage	Dimming	Backup
BDLEDR	18	Y		-				
	12 = 12W **18** = 18W 270° Pattern **24** = 24W 360° Pattern	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Bronze **W** = White **K** = Black		**Blank** = Standard [1] **180** = 180 degrees (12W only)	**Blank** = No Option (120-277V) **/480** = 480V (24W only) [2]	**Blank** = None (Standard) **/D10** = 0-10V Dimming	**Blank** = No Battery Backup **/E** = Battery Backup (24W only) [3] **/EC** = Battery Backup Cold Weather (24W only) [3]

[1] Standard Distributions: 24W = 360Â°, 18W = 270Â°, 12W = 90Â° *

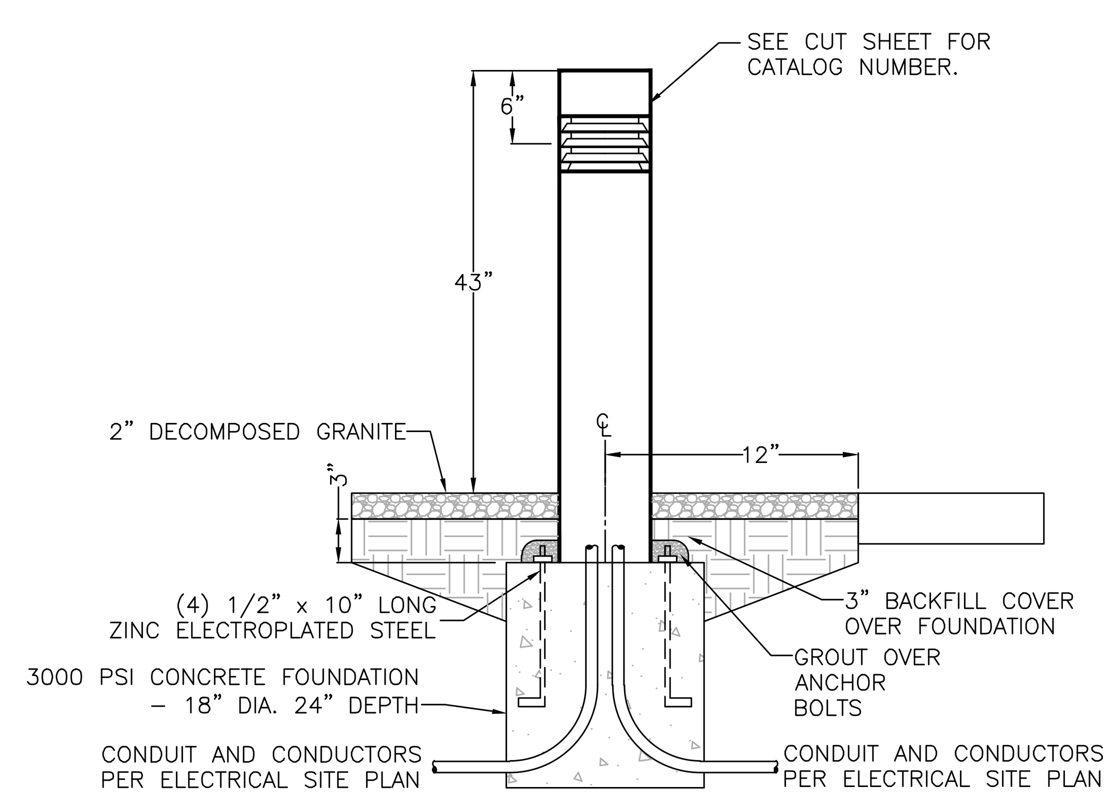
[2] 480VAC available for 24W fixture versions - offered with /D10 dimming option as standard

[3] Only for 24W, 120-277VAC fixture versions

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

Copyright © 2020 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

3A - BOLLARD LIGHT CUT SHEET



3B BOLLARD LIGHT DETAIL

NO SCALE

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD–MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG. PROJECT NO: **21125**

DESIGN BY: CDL

PH7

H:\2021\21125–Hampton Edison Rental Homes\Photometrics\21125–PH.dwg

APEX APX13 FCL

Vandal Resistant

APX13 Full Cut-Off LED

Fixture Type	Date
Job Name	Approved By
Catalog Number	

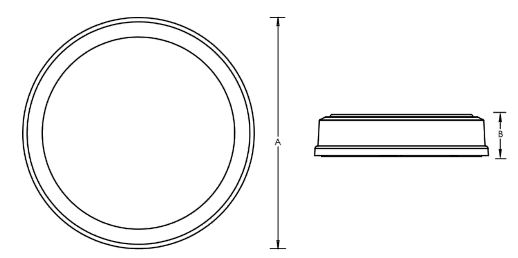
SPECIFICATIONS

UL Listing | ADA Compliant | Buy American

Description	The Apex APX13 FCL LED fixtures build on the highly successful Anyx line. The cut-off, LED version features an upgraded, die cast, marine grade aluminum external trim, as well as an innovative twist-lock system. The Apex APX13 FCL series has been installed successfully in large scale projects such as dorm rooms, unsecured hallways, transportation stations and public schools.
Trim	One piece die cast aluminum mechanically interlocked to base plate and sealed against moisture and contaminants with two high temperature silicone O-rings. Chemically primed and finished with electrostatically applied polyester powder coat. Locked in place with one concealed tamper resistant set screw.
Lens	One piece injection molded opal prismatic polycarbonate with minimum 0.130" wall thickness. Secured to base plate by trim and sealed with two high temperature silicone O-rings. Available full cut-off lens, see ordering information for additional information.
Reflector	Heavy gauge formed aluminum primed and finished with electrostatically applied power coat.
Base Plate	Pressure die cast marine grade aluminum. Chemically primed and finished with electrostatically applied polyester powder coat.
Gaskets	Closed cell die cut neoprene gasket provided between fixture mounting plate and mounting surface. High temperature silicone O-ring between the trim and lens, between the lens and base plate, and between the mounting plate and base plate.
Drivers	Dimming to 10% or Non-Dimming Driver.
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L_{70} projected life of over 130,000 hours at 50°C.
UL Listing	U.L., C.UL. Wet Location Listing standard.
Buy American	Luminaire LED, LLC products are manufactured in the USA with components purchased from USA suppliers, and meets the Buy American requirements. Content of specification sheets is subject to change; please consult our website for current product information.
Warranty	**Lifetime** warranty against vandalism. Luminaire LED will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. **10-year** warranty on LED boards against operational defects. Tested in accordance with LM-80.

DIMENSIONAL DATA

	A	B
APX13 FCL	13.13	3.14



APEX APX13 FCL

Vandal Resistant

APX13 Full Cut-Off LED

ORDERING INFORMATION

Example: APX13 MIN10 25W 27K 120 FCL WHT

Series*	Drivers*	Wattage (Nominal)*	CCT*	Voltage*	Lens*
APX13 Vandal Resistant Open-face Surface Mount ADA Compliant 13" Round Flat Lens Luminaire	MIN10 Dimming to 10%	15W	27K 2700K	120 120 Volt	FCL Full Cutoff Opal Lens
	NODIM Non-Dimming Driver	25W	30K 3000K	277 277 Volt	
			35K 3500K	MVOLT 120-277 Volt	
			40K 4000K	347[1] 347 Volt	
			50K 5000K		

Finish*	
BLK	Black
WHT	White
BRZ	Bronze
GRY	Gray
CUST	Custom Color, Consult Factory

*Required

OPTIONS

Emergency[2]			
EMB310[1]	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). 800 lumens	EMB250R[3]	Remote inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)
EMB310T20[1]	Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 800 lumens	EMB310R[3]	1200 lumen remote mounted 90 minute emergency battery pack for 14W operation only. 0°C (32°F) to 55°C (131°F)
EMB20R[3]	Remote mounted micro inverter that will operate a 25W maximum load for 90 minutes. 0°C (32°F) to 45°C (113°F)	EMB375R[3]	Remote inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F)
EMB125R[3]	Remote inverter that will operate a maximum 125W load for 90 minutes. 20°C (68°F) to 30°C (86°F)		

Back Box	Fusing	Photocell	Hardware
SHCAB Low profile pressure die cast marine grade aluminum back box. Provided with (3) 1/2 " i.p.t. holes for conduit entry with threaded plugs	GLR[4] Fuse and Fuse Holder	PC[1,4] Photoelectric Switch	PHSC Phillips Head screws instead of TORX® head

Ordering Notes
1. Requires SHCAB.
2. Not available 347.
3. Not available with MVOLT.
4. Not available with MVOLT or 347.

Accessories: *Order as separate catalog number.*	
TXSD	TORX® Screwdriver Bit
Initial shipment includes one (1) TXSD per fixture.	

4A - RAMADA LIGHT CUT SHEET

SPECIFICATIONS

Certifications/Qualifications	
	www.kichler.com/warranty

Dimensions	
Base Backplate	5.00 DIA
Extension	5.75"
Weight	1.05 LBS
Height from center of Wall opening (Spec Sheet)	5.25"
Height	8.25"
Width	5.00"

Light Source	
Lamp Included	Not Included
Lamp Type	A19
Light Source	Incandescent
Max or Nominal Watt	60W
# of Bulbs/LED Modules	1
Socket Type	Medium
Socket Wire	105

Mounting/Installation	
Interior/Exterior	Exterior
Location Rating	Wet
Mounting Style	Wall Mount

FIXTURE ATTRIBUTES

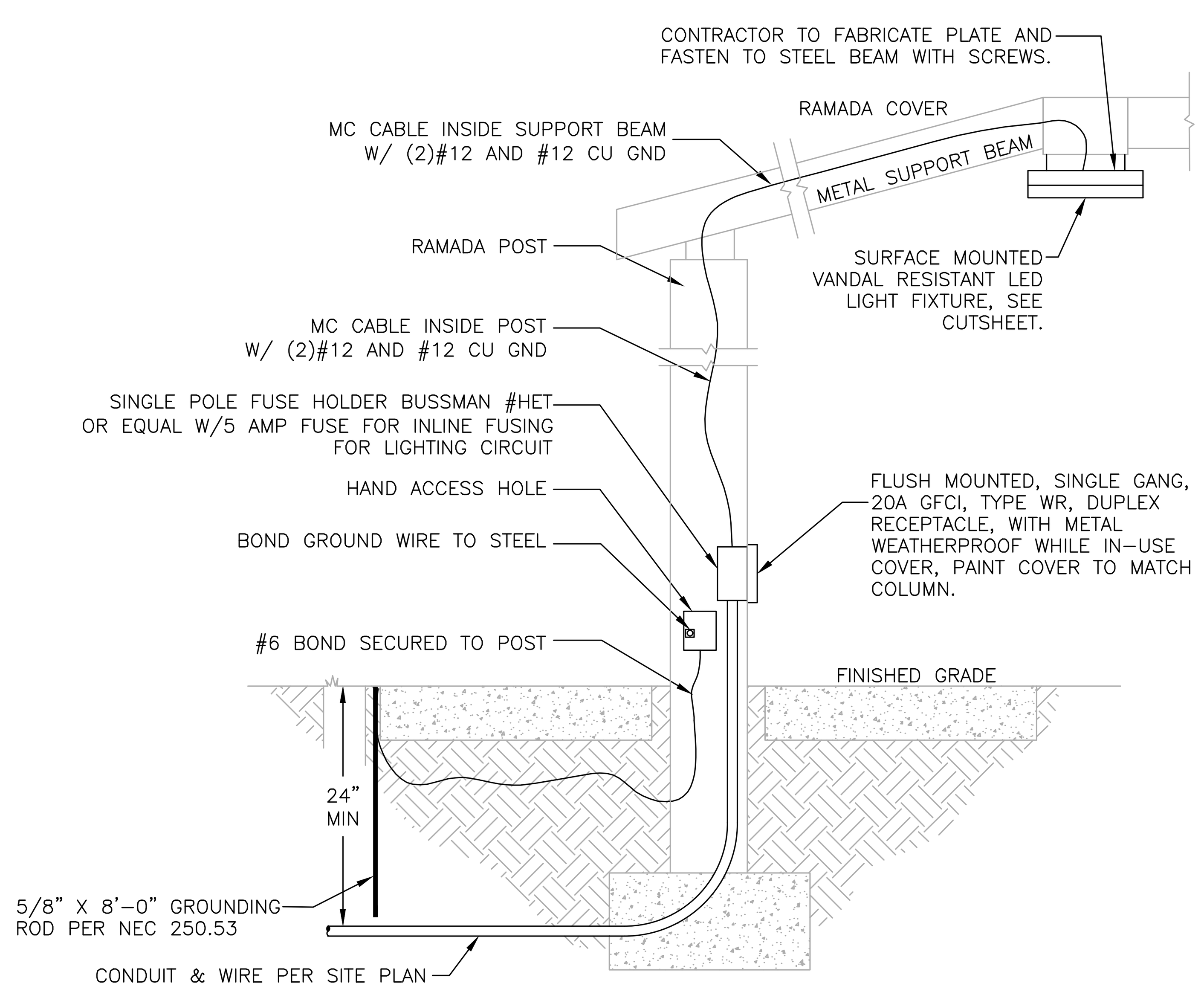
Housing	
Diffuser Description	Clear
Primary Material	ALUMINUM

Product/Ordering Information	
SKU	9611BK
Finish	Black
Style	Traditional
UPC	783927961158

Finish Options
- Black
- Olde Bronze
- Stainless Steel
- Tannery Bronze

ALSO IN THIS FAMILY

5 - PORCH LIGHT CUT SHEET



4B RAMADA ELECTRICAL DETAIL

NO SCALE

ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807

PHOTOMETRIC CALCULATION SHEET. FOR INFORMATION ONLY.

Registered Professional Engineer (Electrical)
Certificate No. 35943
WADE T. WILLIAMS
Date Signed 5-21-21
ARIZONA, U.S.A.
Expires 3-31-22

PROJECT NAME:
HAMPTON EDISON RENTAL HOMES
W EDISON RD-MARICOPA,AZ
PHOTOMETRIC LIGHTING PLAN

WRIGHT ENG. PROJECT NO: 21125

DESIGN BY: CDL

PH8

H:\2021\21125-Hampton Edison Rental Homes\Photometrics\21125-PH.dwg