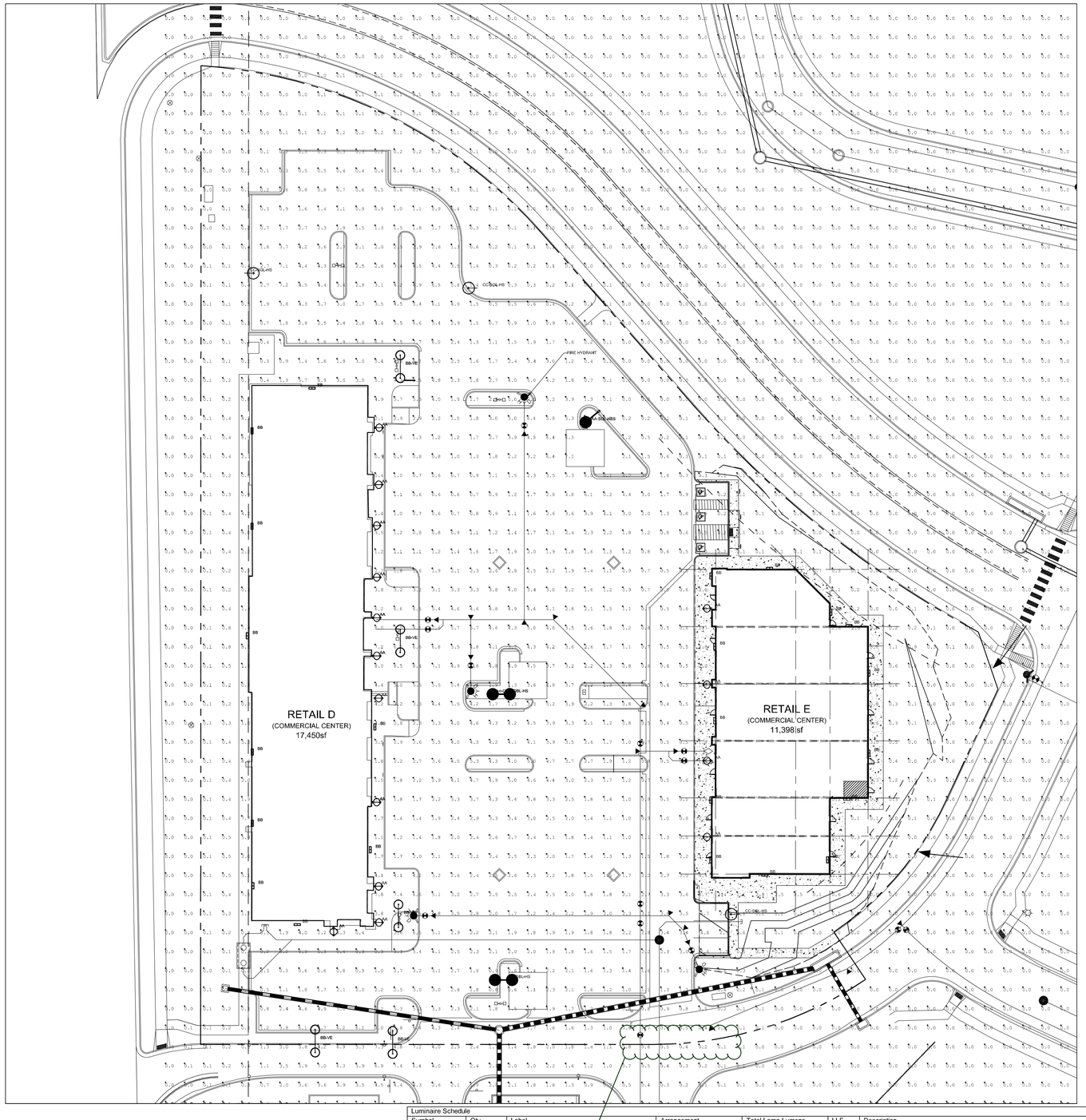
THE SHOP'S AT MERIDIAN RANCH

FILING NO. 1, LOT 4

PHOTOMETRIC PLAN

EL PASO COUNTY, COLORADO.
FALCON, COLORADO



0 30' 60' 90' 120' feet

SCALE : 1" = 30'

NORTH

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Lum. Watts	Total Watts
	15	AA	SINGLE	N.A.	0.900	UCS-STR-12LED-NW	26.9	295.9
	23	BB	SINGLE	N.A.	0.900	VWPH-L30-730-T3-SDGL-OPT-EDD-UNV	35.7	357
	2	AA-DBL	BACK-BACK	N.A.	0.900	2B/CC253P70-96L4K	216.9	1735.2
	1	AA-SGL	SINGLE	N.A.	0.900	1A/CC253P70-96L4K	216.9	650.7
	7	BB-VE	BACK-BACK	N.A.	0.900	2-UCM-ANG-T3-32LED-4K-700-AWT	71.3	998.2001

Still exceeds threshold on southern edge of property. Revise

OWNER INFO
company name: SHOPS AT MERIDIAN RANCH LLC
address: P.O. BOX 80036
city/state: SAN DIEGO CA 91238
phone no:

FILE NUMBER: PPR 22-003

Meridian Ranch
Type: AA-SGL-HS
Kim: 1AC253A3P70-96L4K**** / DB:NFO
Valmont:DS340-R500V200-D1-HH-FBCP-AB-MB

KIM LIGHTING
25' Arm

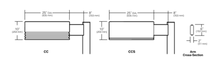
JOB _____ TYPE _____
NOTES _____ APPROVALS _____

FEATURES
- Full Cutoff PicoPrism technology
- Patented low profile luminaire*
- Available in 530nm, 3500K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 5, R, L distributions
- 0-10V dimming drivers standard

Certifications: cULus Listed, DLC Premium, IK09

SPECIFICATIONS

Max. Weight = 36 lbs. EPA 1.5.
See Configurations for Additional EPAs.



ORDERING CODE

Configuration	Qty.
1A	1 Arm Side Mt.
1B	1 Arm Side Mt.
2A	2 Arm Side Mt.
2B	2 Arm Side Mt.
3A	3 Arm Side Mt.
4A	4 Arm Side Mt.
SA	Single Wall Mt.
RW	Recessed Wall Mt.

Finish	Distribution	Drive Current	Lens Temperature*	Voltage	Factory Finish
CCS54 Ash Bronze, single arm	1 Type 1	P35 350mA PicoPrism	NL 70 CRI, 3100K	120 120V	BR Dark Bronze
CCS254 Ash Bronze, single arm	2 Type 2	P50 500mA PicoPrism	4K 4000K	208 208V	GT Graphite
	3 Type 3		5K 5000K	240 240V	LG Light Gray
	4 Type 4			277 277V	PS Platinum Silver
	5 Type 5			347 347V*	SG Sandstone
	R Type R Right			480 480V*	WH White
	L Type L Left				CC Custom Color*

*Consult Representative

Photocell Options	Fuse Options	Lens Options	NPO Options	Other Options	Control Options	Mounting Options
A24.7 7 pin Photocell Receptacle	SF 120, 277, 347 single fuse	LCW Polycarbonate lens*	NPO Neighbor Friendly Optic Reduces BUG rating. See Optics P35 & P50 for NPO options. Consult factory.	BZV Accent Visor*	WIR-RSU Wireless Control Ready Groups 4ft mast arm/pole mount luminaires with occupancy, daylight, and photocell sensing and wireless control. Includes: SCL-R Round Pole Mounted Occupancy Sensor up to 14' SCL-S Square Pole Mounted Occupancy Sensor up to 14' SCM-R Round Pole Mounted Occupancy Sensor 15' to 20' SCM-S Square Pole Mounted Occupancy Sensor 15' to 20'	VSF Vertical Slipfitter (tenon) fits 2-3/8" O.D. tenon. (2.69" I.D.) SVSF Vertical Slipfitter (tenon) fits 4" O.D. pipe tenon. (3.69" I.D.) Side Arm Mount Options: 1 4" O.D. Pole 1 5" O.D. Pole 2 4" O.D. Pole 2 5" O.D. Pole 3 4" O.D. Pole 3 5" O.D. Pole 4 4" O.D. Pole 4 5" O.D. Pole SQ Square Pole
A30 208 Volt Button Photocell	DF 208, 240, 480 Line fuse					
A32 240 Volt Button Photocell						
A33 277V Button Photocell						
A34 480V Button Photocell						
A35 347V Button Photocell						

Control Accessories:
SWSTB8* SiteSync Software on SB
SWTAB* SiteSync Wireless Tablet
SWRAD* SiteSync Wireless Bridge Node
WIR-RMS Wireless Control Module

*Must be ordered with luminaire. Shipped separately for retrofit details. Order at least one SiteSync Interface accessory SWIGB or SWTAB. Each option contains SiteSync License, SDL and Bridge Node.

SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

For Pole Spec Select: http://www.kimlighting.com/products/poles_and_poles/ For Control Spec Select: http://spec.kimlighting.com/products.html

* US Patent No. D569,527; 7; Other patents pending.
* Turtle-friendly, Maximum 530nm amber luminaire, consult factory.
* Turtle-friendly, Maximum 530nm dome current for 2K amber option.
** Not available with other sensor or wireless control options.
* Use only when vandalism is anticipated to be high. Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.
** Not available with other sensor or wireless control options.
*** Not available with other sensor or wireless control options. Consult factory for retrofit details. Order at least one SiteSync Interface accessory SWIGB or SWTAB. Each option contains SiteSync License, SDL and Bridge Node.
Kim Lighting reserves the right to change specifications without notice.

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P 626.968.5866 | F 626.369.2695 | www.kimlighting.com | Rev: Sep 18, 2018

Meridian Ranch
Type: AA-DBL HS
Kim: 2B/CC253A3P70-96L4K**** / DB:NFO
Valmont:DS340-R500V200-D2-HH-FBCP-AB-MB

KIM LIGHTING
25' Arm

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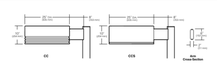

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SWRAD* SiteSync Wireless Bridge Node
WIR-RMS Wireless Control Module

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SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

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Powered by The MH Companies

Job Name: Shops at Meridian Ranch - Core/Shell - Retail A, B, C, D, E
Location: NEC of Colorado Springs
Engineer: McElroy Consulting, LLC -Colorado

Catalog Number: PR4-4R12-22E-CRT
Notes:

Type: BB-VE

SPEC#1-4874W

PR4 – Aluminum Pole | TYPE

4" ROUND (RD) POLE

1. BASE 2. POLE 3. OAH 4. COLOR

MAXIMUM ALLOWABLE EPA (MPH)

1. BASE	2. POLE	3. OAH	SHAFT WT.	90	95	100	105	110	120	130	140	150
TA	PR4 – 4R12-12E	12' (3.7m)	4" RD x 12'	3.0	2.6	2.3	2.0	1.8	1.5	1.2	1.0	0.9
TB	PR4 – 4R12-14E	14' (4.3m)	4" RD x 14'	2.6	2.3	2.0	1.8	1.6	1.3	1.1	0.9	0.8
TC	PR4 – 4R12-16E	16' (4.9m)	4" RD x 16'	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.7
TD	PR4 – 4R12-18E	18' (5.5m)	4" RD x 18'	2.0	1.8	1.6	1.4	1.3	1.0	0.9	0.7	0.6
TE	PR4 – 4R12-20E	20' (6.1m)	4" RD x 20'	1.8	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5
TF	PR4 – 4R12-22E	22' (6.7m)	4" RD x 22'	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.4
TG	PR4 – 4R12-24E	24' (7.3m)	4" RD x 24'	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.5	0.3
TH	PR4 – 4R12-26E	26' (7.9m)	4" RD x 26'	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
TJ	PR4 – 4R12-28E	28' (8.5m)	4" RD x 28'	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2

Base Shield Height is measured from top of pole.

4. COLOR

- DDT (DDT-BRZ)
- BLK (Black)
- DBT (Dark Bronze)
- CLR (Dull Clear)
- NAT (Natural Aluminum)
- WHT (White)
- RAL (RAL Color)*

*Consult Representative

SPECIFICATIONS

POLE
Pole material to be determined in the selection of a design wind speed when the pole is to be installed in a special wind region (as indicated by the local building code) or an area where wind speed is unprecedented.

KAL recommends consulting a local engineer familiar with the area where the pole is to be used may be subject to extreme weather and exposure.

Poles installed on structures such as buildings and bridges may be subjected to vibration, oscillations, and other fatigue effects which are not considered by KAL.

The use of banners or other appendages can severely affect the loading of a pole. No banner shall be installed unless specifically noted to do so in KAL quote unless approved by KAL.

If the products are to be used on an existing structure, the customer or their engineer must assume all responsibility for the structural integrity of the existing foundation, anchorage and hardware and all the consequences arising therefrom.

CAUTION
Anchor bolts must be erected without the luminaire installed. Warranty is voided if the pole is erected without the luminaire. The warranty is also voided if the luminaire is installed on the pole loose after installation.

Anchor bolts shall be hot dip galvanized steel conforming to specification ASTM A36 or better. A bolt cover template shall be provided. Anchor bolt for poles are 3/4" x 24" x 3".

ORDERING INFORMATION

ORDER	EXAMPLE
1 POLE	Tenon Embedded Mast Pole
TYA	Tenon
AP	Anchor Base
LED PACKAGE	
12LED	12 LEDs, 700mA, 1,200 lumens
32LED	32 LEDs, 700mA, 3,200 lumens
DRIVER	
UNV	120-277V (50/60Hz)
DIMMING	
0-10V	0-10V dimming
DISTRIBUTION	
T2	Type 2
T4	Type 4
FINISH OPTIONS	*Specify Finish
DDT	Dark Bronze
BLK	Black
DBT	Dark Bronze
CLR	Clear
NAT	Natural Aluminum
WHT	White
RAL	RAL Color*

OPTIONS
Not used for typical orders.
- FUSE Fuse (120V, 277V or 347V only) Specify voltage
- FUSEHS Fuse (208V, 240V, or 480V only) Specify voltage
- SPD 10kV/5kA Surge Protective Device (SPD) Recommended for all locations. Not required if ordering Driver with integral SPD.
- SPD20KV Surge Protective Device (SPD) 20kV, or 2.5 kV, must specify voltage
- *Consult representative for availability

OPTICS
- Acuity's precision optics produce exceptional visual comfort.
- Full cutoff, dark sky compliant optics.
- Downlight only plus light where it's needed for safety.
- Optional Solite® diffused lens available.

ELECTRICAL
- 0-10V dimming standard.
- 50kA 10kV surge protection standard.
- LED system is designed to minimize lumen depreciation for long, trouble-free, increased reliability.

*Consult representative

VOLTAGE *Specify Voltage
120 120V
208 208V
240 240V
277 277V
347 347V (120V step)
480 480V (120V step)

Dark Bronze

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Version 10.30.18

Mast Arm Page 1

Powered by The MH Companies

Job Name: Shops at Meridian Ranch - Core/Shell - Retail A, B, C, D, E
Location: NEC of Colorado Springs
Engineer: McElroy Consulting, LLC -Colorado

Catalog Number: UCS-SQ-12LED-NW-CRT-WST VOLTAGE=120277
Notes:

Type: AA

SPEC#1-4874W

UCS – Universe Small Housing Scale | TYPE

INSTALLATION & MOUNTING
Pole mount: The fixture shall be welded to the arm assembly for both the wall and pole mounting models. The arm assembly shall be made of 6063 T6 alloy and shall have an integral ballast compartment, and shall be available in 1 or 2 arm configurations. The arm and PEDT shall have an integral ballast compartment, and shall be available in 1 or 2 arm configurations. The bottom of the pole tube shall have a clear, unobstructed area for the ballast assembly.

Wall mount: The wall mounted ballast housing shall be cast aluminum. The wall arm and fixture are a unified assembly. A cast aluminum wall plate shall have the same finish as the luminaire housing and arm assembly. The fixture assembly shall slip over the wall plate and secure with three stainless steel set screws. The mounting system shall allow for adjustment of the fixture after initial installation of the mounting plate and tenon.

Pendant mount ODE:
The fixture shall be assembled and wired to the mounting plate. A 1/2 fitters hole is provided for wiring access to the J-box. Seal the back plate to the wall surface with a continuous bead of silicone sealant. Four mounting holes 120° centers, on a 5"(125mm) circle are provided on the back plate for anchoring. Use appropriate stainless steel anchors for anchoring.

Finish:
Fixture finish consists of a five stage pretreatment regimen with a zirconium passivation layer followed by an electrocoat primer and a thermoset super TGIC polyester powder coat finish. The finish shall meet the ASMA 605.2 performance requirements for salt spray resistance, humidity, and UV exposure.

CERTIFICATION:
The fixture shall be listed with ETL and cUL for outdoor wet location use, UL1598 and Canadian C22.2 No.250.

WARRANTY / TERMS AND CONDITIONS OF SALE
http://www.acuitybrands.com/resources/warranty/

DIMENSIONS

UCS 750M	WATTAGE: 35	LUMEN OUTPUT: 3971	EFFICACY: 94.4

B1 U3 G2

Multiplier	Lumens
90	3,574
80	3,177
70	2,780
60	2,383
50	1,986
40	1,589
30	1,192

Zone	Lumens	% Lamp
Up	0	0.0%
Down	3971	100.0%
Total	3971	100.0%

Mounting Height	Multiplier
10	1.000
12	0.694
14	0.510
16	0.391
18	0.309
20	0.250

UPLIGHT: 0.0% (0.0% LOST 0.0%)
LPI: 94.67 | LER: 100
BY MOUNTING HEIGHT

UCS150LED BW	WATTAGE: 91	LUMEN OUTPUT: 9585	EFFICACY: 99.9

B1 U3 G2

Multiplier	Lumens
90	8,626
80	7,668
70	6,710
60	5,751
50	4,793
40	3,835
30	2,876

Zone	Lumens	% Lamp
Up	0	0.0%
Down	9585	100.0%
Total	9585	100.0%

Mounting Height	Multiplier
10	1.000
12	0.694
14	0.510
16	0.391
18	0.309
20	0.250

UPLIGHT: 0.0% (0.0% LOST 0.0%)
LPI: 94.67 | LER: 100
BY MOUNTING HEIGHT

All dimensions are approximate.

All specifications are subject to change without notice.

Acuity Brands Lighting

ARCHITECTURAL AREA LIGHTING
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2012 files can be found at www.aal.net

Powered by The MH Companies

Job Name: Shops at Meridian Ranch - Core/Shell - Retail A, B, C, D, E
Location: 1230 Colorado Springs
Engineer: McElroy Community, LLC -Colorado

Catalog Number: VWPH-LED32-730-T2***-EMBSL72R-T-EDD*IN-** VOLTAGE=SPECIFY
Notes: Specify FUSING NOTE: Starting with EMERGENCY, ORDLAMP or ALL fixtures. If "All Models" default can be taken

Type: BB

SPEC#1-4874W

VOLTAIRE ARCHITECTURAL WALL PACK

VWP H – LED32/740 + T4 – DBZ – OPTIONS – EDD*IN – UNV

SERIES	LED	OPTICS	DISTRIBUTION	MOUNTING	OPTIONS	FINISH	VOLTAGE
VWP	LED	H	T2 T4	DBZ	EMBSL72R	DBZ	UNV

VWP SERIES

ORDERING INFORMATION

SERIES	OPTIONS
VWP	No need for typical orders.
TYA	Tenon Embedded Mast Pole
AP	Anchor Base
LED PACKAGE	EM BSL72R Emergency Battery Backup, Self-Diagnostics, 72 Watt Remote
32LED	32 LEDs, 700mA, 3,200 lumens
DRIVER	
UNV	120-277V (50/60Hz)
DIMMING	
0-10V	0-10V dimming
DISTRIBUTION	
T2	Type 2
T4	Type 4
FINISH OPTIONS	*Specify Finish
DDT	Dark Bronze
BLK	Black
DBT	Dark Bronze
CLR	Clear
NAT	Natural Aluminum
WHT	White
RAL	RAL Color*

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120	120V
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277	277V
UNV	120-277V
347	347V (120V step)
480	480V (120V step)

Dark Bronze

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Wall Mount Page 1

YOW ARCHITECTS PC
ARCHITECTURE & PLANNING
115 S. Weber Colorado Springs, Colorado 475-8133
Structural: ----
Electrical: ----
Mechanical: ----
Plumbing: ----

Shop's @ Meridian Ranch
Site Development Plan

Meridian Road
Falcon, CO

Job No.	18.115
Directory	Planning
File	Site development plan 4-8-19
Drawn By	DBN
Date	6/22/2018
Revised	10/4/2018
	11/28/2018
	4/8/2019

DRAWING NO.
4
PHOTOMETRIC PLAN