* Z = LUMINAIRE MOUNTING HEIGHT A.F.G.

Luminaire Location Summary

LumNo	Label	X	Y	Z *	Orient	Tilt
1	OB	604	208	9.33	270	0
2	OB	602	210	9.33	270	0
3	OB	609	213	9.33	270	0
4	OB	607	215	9.33	270	0
5	WP	551.8	207.2	12	270	0
6	WP	576.8	207.2	12	270	0
7	X	512.9	207.9	7	180	0
8	X	512.9	228.1	7	180	0
9	X	513.4	345.7	7	90	0
10	X	526.9	345.7	7	90	0
11	X	568.4	345.1	7	90	0
12	X	589	345	7	90	0
13	X	609.1	345	7	90	0
14	X	512.1	344.2	7	180	0
15	X	512.2	330.8	7	180	0
16	X	512.8	293.7	7	180	0
17	X	610.4	343.7	7	0	0
18	X	610.4	323.6	7	0	0
19	X2	510	419	17	270	0
20	X2	616	419	17	270	0
21	X2	659	237	17	180	0
22	X2	560.4	419	17	270	0
23	X2	437	343.2	17	0	0
24	X2	437	216.8	17	0	0
25	X2	437	274.9	17	0	0
26	X2	659	322.1	17	180	0
27	X2	659	274	17	180	0

* HUBBELL IS NOT RESPONSIBLE FOR THE PERFORMANCE OF LUMINAIRE MANUFACTURED BY OTHERS

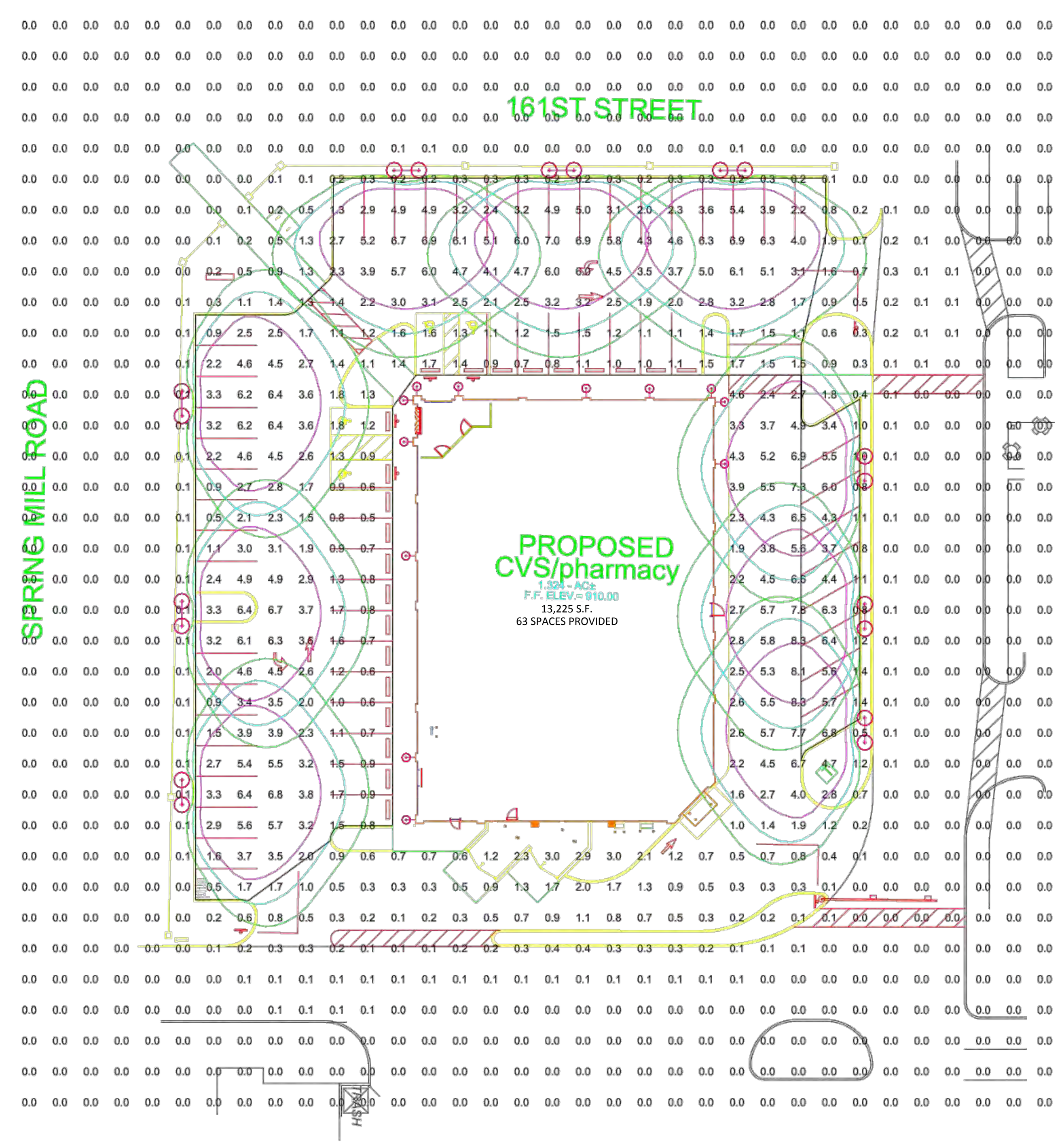
Luminaire Schedule

Symbol	Label	Qty	Description	Arrangement	Lum. Watts	Lum. Lumens	LMF	LDD	BF	LLF
	OB	4	PT2013-E0155	SINGLE	19.9	1130	0.950	0.900	1.000	0.855
	WP	2	DSXW1 LED 10C 1000 40K TFTM MVOLT	SINGLE	40	3065	0.950	0.950	1.000	0.903
	X	12	UCS-ANG-12LED-BW 5100K	SINGLE	32	1086	0.950	0.950	1.000	0.903
	X2	9	QTY 2 - UCL-T4-56LED-5K-700-HSS	ROTATED OPTICS	129.9	5761	0.950	0.950	1.000	0.903

Calculation Summary

Label	Description	Units	Avg	Max	Min	Avg/Min	Max/Min
CVS PARKING	1.0 FC MINIMUM	Fc	2.96	7.0	0.5	5.92	14.00

All Parking Area lighting shall be reduced (e.g., turned off or dimmed) by a minimum of thirty percent (30%) within thirty (30) minutes of closing of the last business or no later than 11:00 p.m



FOR PRICING CONTACT

NESCO
40 Hudson Rd
Canton, MA 02021
Tel: 781-828-9494
Fax: 781-575-1398
E-Mail: CVSplans@nescoweb.com

Y / X / 0,0

Graphic Scale: 40 20 0 40 80

NOT A CONSTRUCTION DOCUMENT - FOR DESIGN PURPOSES ONLY

1. THIS LIGHTING DESIGN IS BASED ON LIMITED INFORMATION SUPPLIED BY OTHERS TO HUBBELL LIGHTING. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.
2. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.
3. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.

REFERENCE ANGLE(S): 180° PLAN NORTH 0° 270°

REVISED FROM DRAWING NUMBER(S): 1575507

TITLE: **CVS #10591** WESTFIELD, IN

HUBBELL® Hubbell Lighting, Inc. 701 MILLENNIUM BLVD GREENVILLE, SC 29607

SCALE: 1" = 40' | DATE: 7/15/2015 | DWN: ADC | APVD: | DRAWING NO. 1575568

UCS – Universe Small Housing Scale TYPE

- LED technology
- Modular system offers five luminous choices and five hood options for customization to complement site design
- Full cutoff option available
- Pole, wall, or pendant mounting options
- Opal glass lens, IES Type 5 distribution for soft, general lighting
- Powder coat finish in 13 standard colors with a polymer primer sealer

1. LUMINAIRE	2. LUMINOUS HOOD	3. LAMP/BALLAST	4. COLOR	5. OPTIONS	6. OPTIONS (internal)	7. MOUNTING

UCS

1. LUMINAIRE
☐ UCS Universe small

2. LUMINOUS /HOOD
NO LUMINOUS & HOOD
ANGLED ☐ ANG BELL ☐ BEL FLARED ☐ FLR STRAIGHT ☐ STR SKIRTED ☐ SKB

LUMINOUS & HOOD
4 LUMINOUS WINDOWS / SOLID RINGS / VERTICAL SLOTS / LUMINOUS RINGS
☐ WND-ANG ☐ SR-ANG ☐ VSL-ANG ☐ LUM-ANG
☐ WND-BEL ☐ SR-BEL ☐ VSL-BEL ☐ LUM-BEL
☐ WND-FLR ☐ SR-FLR ☐ VSL-FLR ☐ LUM-FLR
☐ WND-STR ☐ SR-STR ☐ VSL-STR ☐ LUM-STR
☐ WND-SKB ☐ SR-SKB ☐ VSL-SKB ☐ LUM-SKB

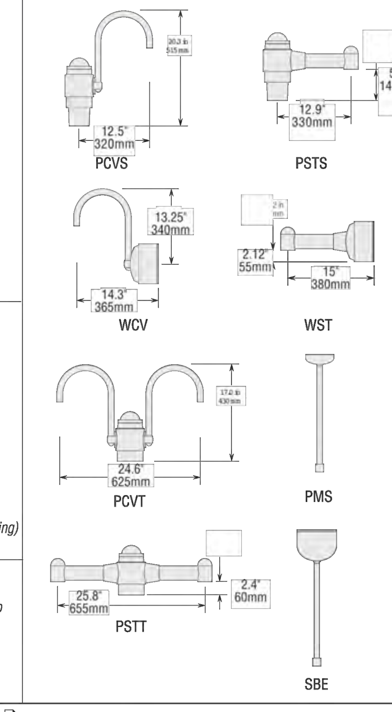
3. LAMP/BALLAST
LED *(Warm white (3000K), Neutral white (4200K), Bright white (5100K). 32 watts. 120 thru 277 volt)*
☐ 12LED-WW ☐ 12LED-NW ☐ 12LED-BW
COMPACT FLUORESCENT *(120 thru 277 volt ballast. -18°C min start temp. Specify wattage)*
☐ CF *(4 pin, 26, 32 or 42 watt lamp)*
METAL HALIDE
Medium base, ED-17 lamp. 120/208/240/277 volt ballast
☐ 50MH ☐ 70MH
G12 base, T-6 ceramic lamp
☐ 70MHT6 *(120/277/347 volt ballast)*
HIGH PRESSURE SODIUM
Medium base, ED-17 lamp
☐ 50HPS *(120/277 volt ballast)*
☐ 70HPS *(120/208/240/277 volt ballast)*
All ballasts and LED drivers are factory wired for 277 volts, unless specified. Lamps not included (except for LED options). For pole mounted fixtures, the ballast is located in the arm.

4. COLOR
☐ AWT *(Arctic White)* ☐ BLK *(Black)* ☐ MTB *(Matte Black)* ☐ DGN *(Dark Green)* ☐ DBZ *(Dark Bronze)* ☐ WRZ *(Wheathered Bronse)* ☐ BRM *(Metallic Bronze)* ☐ VBL *(Verde Blue)*
☐ CRT *(Corten)* ☐ MAL *(Matte Aluminum)* ☐ MDG *(Medium Grey)* ☐ ATG *(Antique Green)* ☐ LGY *(Light Grey)* ☐ RAL/PREMIUM COLOR *(Provide RAL)* ☐ CUSTOM COLOR *(Provide color chip for matching)*

5. OPTIONS - HOOD
The natural copper and stainless steel hoods are unfinished to develop a patina over time. All hoods have the under side finished in high reflectance white.
☐ COP *(Copper)* ☐ STS *(Stainless steel)*

6. OPTIONS - INTERNAL
☐ SLC *(Internal sleeve to block light when luminous element chosen)*
☐ 347 *(For HID, except 50MH & 50HPS, not available with LED)*
☐ FCO *(Full cutoff shield. Replaces luminous element)*

7. MOUNTING – *Must choose one*
WALL MOUNT (*Integral ballast. Uses the mounting plate with a prewired ballast)*
☐ WCV *(Curved arm)*
☐ WST *(Straight arm)*
POLE MOUNT
Single arm, fits over a 3"/75mm pole
☐ PCVS *(Curved arm)* ☐ PSTS *(Straight arm)*
Twin arm, fits over 4"/100mm pole. (The top 6"/150mm of the pole top shall have an open, clear unobstructed area for the ballast assembly)
☐ PCVT *(Curved arm)* ☐ PSTT *(Straight arm)*
PENDANT MOUNT *(48"/1220mm stem)*
☐ PMS *(Swivel fits over a standard octagonal j-box. Remote ballast required)*
☐ SBE *(Surface mounted ballast enclosure)*
Visit www.aal.net for Arms, Poles & Accessories Specification Guide



SPECIFICATIONS

HOUSING
The fixture and ballast housing shall be one piece cast aluminum. The luminous rings shall be acrylic with an aluminum spacer and stainless steel rods. The lens shall be tempered, borosilicate opal glass. The lens shall be gasketed and screwed onto the housing for lamp access. The hoods shall be heavy gage spun aluminum with hemmed edges for added rigidity.

All internal and external hardware shall be stainless steel

FULL CUTOFF
The full cutoff shield is used in place of the luminous element when the FCO option is chosen. It lowers the hood to cover the opal lens, providing IES full cutoff classification meaning there is zero light emitted at 90° horizontal or above. The O.A.H of the UCS fixture with the FCO option is 14.25"/362mm with the bell hood, 14"/356mm with the skirted bell hood, or 13.25"/337mm for others.

ELECTRICAL
The ballast shall be mounted to a cast plate, prewired with a quick disconnect plug. HID ballasts are high power factor, rated for -30°C starting. Sockets are medium base, pulse rated porcelain. Compact fluorescent socket is for a 26, 32 or 42 watt lamp, 4 pin, GX24q-4, with an electronic ballast, -18°C starting temperature. Ballasts are wired at the factory for 277 volts, unless specified. Standard LED color temperatures are 3000K, 4000K and 5000K. Other color temperatures available. Please contact factory. LED constant current driver operates at 700mA.

See next page

TYPE
JOB
NOTES

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 single fixture pole mounted arms PCVS and PSTS shall have an integral ballast compartment, and slip over a 3"/75mm pole. The twin fixture pole mounted arms PCVT and PSTT shall have an integral ballast compartment, and slip over an open top, 4"/100mm pole. The top 6"/150mm of the pole top shall have a clear, unobstructed area for the ballast assembly.

Wall mount: The wall mounted ballast housing shall be welded together with the arm and fixture as a unitized assembly. A cast aluminum wall plate shall have the ballast assembly installed and prewired for easy installation. The fixture assembly shall slip over the wall plate and secure with three stainless steel set screws. The mounting system shall allow for horizontal adjustment to level the fixture independent of the mounting plate orientation.

Pendant mount SBE
The ballast is factory assembled and wired to the mounting plate. A .75"/18mm hole is provided for wiring access to the the J-box. Seal the back plate to the wall surface with an appropriate silicone caulk. Three .375"/10mm holes on 120° centers, on a 5"/125mm circle are provided on the back plate for anchoring. Use appropriate stainless steel fasteners for anchoring.

FINISH
Fixture finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION
The fixture shall be listed with ETL and U.L. for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 No.250.

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

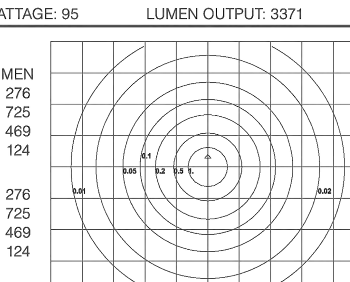
DIMENSIONS

HOOD	NO LUMINOUS	4 LUMIOUS WINDOW (WIN)	SOLID RINGS (SR)	VERTICAL SLOTS (VSL)	LUMIOUS RINGS (LUM)
ANG DIA: 15"/380mm	HT: 12.75"/325mm EPA: 0.29	HT: 12.75"/325mm EPA: 0.31	HT: 13.5"/340mm EPA: 0.32	HT: 12.75"/325mm EPA: 0.31	HT: 13.5"/340mm EPA: 0.29
BEL DIA: 15"/380mm	HT: 12.75"/325mm EPA: 0.30	HT: 12.75"/325mm EPA: 0.34	HT: 13"/330mm EPA: 0.34	HT: 12.75"/325mm EPA: 0.34	HT: 13"/330mm EPA: 0.33
FLR DIA: 15"/380mm	HT: 12.75"/325mm EPA: 0.28	HT: 12.75"/325mm EPA: 0.30	HT: 13"/330mm EPA: 0.30	HT: 12.75"/325mm EPA: 0.30	HT: 13"/330mm EPA: 0.28
STR DIA: 16"/405mm	HT: 12.75"/325mm EPA: 0.27	HT: 12.75"/325mm EPA: 0.28	HT: 12.75"/325mm EPA: 0.28	HT: 12.75"/325mm EPA: 0.28	HT: 12.75"/325mm EPA: 0.27
SKB DIA: 15"/380mm	HT: 13"/330mm EPA: 0.38	HT: 16"/405mm EPA: 0.43	HT: 16"/405mm EPA: 0.43	HT: 16"/405mm EPA: 0.43	HT: 15"/380mm EPA: 0.41

UCS 70MH WATTAGE: 95 LUMEN OUTPUT: 3371 EFFICACY: 58.9

B1 U3 G2

		%	LUMEN
FORWARD LIGHT			
FL	30°	4.9%	276
FM	60°	12.9%	725
FH	80°	8.4%	469
FVH	90°	2.2%	124
BACK LIGHT			
BL	30°	4.9%	276
BM	60°	12.9%	725
BH	80°	8.4%	469
BVH	90°	2.2%	124
UPLIGHT			
UL	100°	2.3%	127
UH	180°	1.0%	54


20' MOUNTING HEIGHT

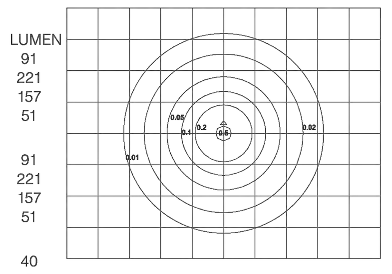
Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

UPLIGHT 94.6%
DOWNLIGHT 5.4%

UCS12LED BW WATTAGE: 32 LUMEN OUTPUT: 1085 EFFICACY: 33.9

B1 U2 G1

		%	LUMEN
FORWARD LIGHT			
FL	30°	8.4%	91
FM	60°	20.4%	221
FH	80°	14.5%	157
FVH	90°	4.7%	51
BACK LIGHT			
BL	30°	8.4%	91
BM	60°	20.4%	221
BH	80°	14.5%	157
BVH	90°	4.7%	51
UPLIGHT			
UL	100°	3.7%	40
UH	180°	0.6%	6


20' MOUNTING HEIGHT

Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

UPLIGHT 95.7%
DOWNLIGHT 4.3%

IES files can be found at www.aal.net

AAL reserves the right to change product specifications without notice.

CVS pharmacy

13,225 TYPE-B CHAMFER DRIVE-THRU
STORE NUMBER: 10591
161ST STREET AND SPRING MILL ROAD
WESTFIELD, INDIANA
PROJECT TYPE: NEW STORE
DEAL TYPE:
CS PROJECT NUMBER: 071776

ARCHITECT OF RECORD

CONSULTANT:

AMERICAN STRUCTUREPOINT INC.
7260 SHADELAND STATION
INDIANAPOLIS, INDIANA 46256
p:(317) 547-5580 f:(317) 543-0270
www.structurepoint.com

DEVELOPER:

TMC Indiana 2, LLC
501 Pennsylvania Pkwy.
Suite 160
Indianapolis, Indiana 46280
Phone (317) 705-8800
Contact: Craig Forgey

SEAL:

APPROVAL PENDING NOT FOR CONSTRUCTION

REVISIONS:

1	TAC COMMENTS	07-10-2015
2	PER OWNER	08-27-2015
3	CITY COMMENTS	09-23-2015

PLANNING MGR: JLW
DRAWING BY: RCB
DATE: 05-29-2015
JOB NUMBER: 2007.01007
TITLE: **SITE PHOTOMETRIC PLAN**
SHEET NUMBER: **C801**
COMMENTS:

PRINT DATE: 9/29/15 PLOT SCALE: 1:2.5849 EDIT DATE: 9/29/15 - 12:20 PM EDITED BY: JWILKERSON DRAWING FILE: P:\IN2007\1007\D. DRAWINGS\CIVIL\C. CONSTRUCTION DOCUMENTS\200701007.CE.C801.SLP.DWG

Universe® Collection Large LED – UCL

TYPE

FEATURES

- DLC QPL Listed
- Reliable, uniform, glare free illumination
- Types II, III, IV, V and custom distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- LifeShield™ thermal protection
- 13 standard powder coat finishes
- Upgrade Kits

SPECIFICATIONS

The first dimension is the height of fixtures with LEDs or horizontal reflectors.

HOOD	HOOD ONLY	4 LUMINOUS WINDOW (WND)	SOLID RINGS (SR)	VERTICAL SLOTS (VSL)	LUMINOUS RINGS (LUM)
Angled (ANG) *DIA: 30"/760 mm*	*HT: 21.4"/454 mm* *WT: 47 lbs* *EPA: 1.12*	*HT: 26.7"/680 mm* *WT: 28.55 lbs* *EPA: .60*	*HT: 26.7"/680 mm* *WT: 55 lbs* *EPA: 1.36*	*HT: 26.7"/680 mm* *WT: 48 lbs* *EPA: 1.35*	*HT: 26.7"/680 mm* *WT:50 lbs* *EPA: 1.36*
Bell (BEL) *DIA: 30"/760 mm*	*HT: 22"/560 mm* *WT: 47 lbs* *EPA: 1.16*	*HT: 26.7"/680 mm* *WT: 48 lbs* *EPA: 1.38*	*HT: 26.7"/680 mm* *WT: 55 lbs* *EPA: 1.39*	*HT: 26.7"/680 mm* *WT: 48 lbs* *EPA: 1.38*	*HT: 26.7"/680 mm* *WT: 50 lbs* *EPA: 1.39*
Flared (FLR) *DIA: 32"/810 mm*	*HT: 21"/535 mm* *WT: 47 lbs* *EPA: 1.05*	*HT: 26.7"/680 mm* *WT: 48 lbs* *EPA: 1.27*	*HT: 26.7"/680 mm* *WT: 55 lbs* *EPA: 1.28*	*HT: 26.7"/680 mm* *WT: 48 lbs* *EPA: 1.27*	*HT: 26.7"/680 mm* *WT: 50 lbs* *EPA: 1.28*
Skirted Bell (SKB) *DIA: 32"/810 mm*	*HT: 27.25"/693 mm* *WT: 48 lbs* *EPA: 1.72*	*HT: 32.5"/826 mm* *WT: 49 lbs* *EPA: 1.95*	*HT: 32.25"/820 mm* *WT: 56 lbs* *EPA: 1.96*	*HT: 32.5"/826 mm* *WT: 49 lbs* *EPA: 1.95*	*HT: 32.25"/820 mm* *WT: 50 lbs* *EPA: 1.96*

Universe® Collection Large LED – UCL

TYPE

ORDERING INFORMATION

MODEL

1	2	3	4	5	6	7	8
UCL							
Luminous/Hood	Distribution	CCT	Drive Current	Color	Options	Controls	Mounting

1. LUMINOUS ELEMENTS/HOOD

HOOD ONLY
- ☐ ANG Angled
- ☐ BEL Bell
- ☐ FLR Flared
- ☐ SKB Skirted Bell

LUMINOUS & HOOD
Four Luminous Windows
- ☐ WND-ANG
- ☐ WND-BEL
- ☐ WND-FLR
- ☐ WND-SKB

Solid Rings
- ☐ SR-ANG
- ☐ SR-BEL
- ☐ SR-FLR
- ☐ SR-SKB

Vertical Slots
- ☐ VSL-ANG
- ☐ VSL-BEL
- ☐ VSL-FLR
- ☐ VSL-SKB

Luminous Rings
- ☐ LUM-ANG
- ☐ LUM-BEL
- ☐ LUM-FLR
- ☐ LUM-SKB

Luminous Rings Color Option
- ☐ BL *(Blue inner lens)*
- ☐ RD *(Red inner lens)*
- ☐ GRN *(Green inner lens)*

2. DISTRIBUTION

MicroCore *Precision aimed optics*
- ☐ T2-56LED
- ☐ T3-56LED
- ☐ T4-56LED
- ☐ T5-56LED
- ☐ TL-56LED
- ☐ TR-56LED

3. COLOR TEMPERATURE
- ☐ 3K ☐ 4K ☐ 5K

4. DRIVE CURRENT
- ☐ 700 ☐ 450

5. COLOR
- ☐ AWT ☐ CRT
- ☐ BLK ☐ MAL
- ☐ MTB ☐ MDG
- ☐ DGN ☐ ATG
- ☐ DBZ ☐ LGY
- ☐ WRZ ☐ RAL/PREMIUM COLOR
- ☐ BRM ☐ CUSTOM COLOR
- ☐ VBL

6. OPTIONS

HOOD OPTIONS – *May choose one*
(The natural copper and stainless steel hoods are unfinished to develop a patina over time.
- ☐ COP *(Copper)*
- ☐ STS *(Stainless steel)*

LENS OPTIONS – *May choose one*
- ☐ FTG *(Clear flat glass lens)*
- ☐ FLD *(Lightly diffused finish on flat glass lens)*

OTHERS
- ☐ SLC *(Luminous element remains unlit during normal operation)*
- ☐ HSS *(House side shield)*

7. CONTROL
- ☐ PCA-C *(Rotatable photocell-Contemporary)*

SCP (Sensor Control Programmable) pole accessory is available to provide occupancy detection for outdoor applications meeting California Title 24. For complete spec sheet and ordering information, visit ***www.aal.net/products/sensor_control_programmable/***

8. MOUNTING – *Must choose one*
POLE MOUNT
- ☐ SLA3 ☐ SLA4
- ☐ SLA4-2 ☐ SLA7
- ☐ SLA7-2 ☐ SLA7(5)
- ☐ SLA7(5)-2 ☐ SLA8D
- ☐ SLA9 ☐ SLA9-2
- ☐ SLA10 ☐ SLA10-2
- ☐ SLA16 ☐ SLA16-2
- ☐ SLA17 ☐ SLA17-2
- ☐ SLA17(5) ☐ SLA17(5)-2
- ☐ SLA18 ☐ SLA18-2
- ☐ SLA20 ☐ SLA20-2
- ☐ SLA20A ☐ SLA20A-2
- ☐ SLA20B ☐ SLA20B-2
- ☐ SLA20C ☐ SLA20C-2
- ☐ SLA20D ☐ SLA20D-2
- ☐ SLA22D ☐ SLA24
- ☐ SLA24-2 ☐ SLA24(5)
- ☐ SLA24(5)-2 ☐ TRA4
- ☐ TRA7 ☐ TRA7-2
- ☐ TRA8 ☐ TRA8-2
- ☐ TRA9 ☐ TRA9-2

WALL MOUNT
- ☐ WMA4 ☐ WMA5
- ☐ WMA6 ☐ WMA8
- ☐ WMA9D ☐ WMA10
- ☐ WMA11 ☐ WMA12
- ☐ WMA16 ☐ WMA17
- ☐ WMA18 ☐ WMA20
- ☐ WMA22D ☐ WMA24
- ☐ WMA37 ☐ WMA38
- ☐ WMA39

Visit www.aal.net for Arms, Poles & Accessories Specification Guide

Universe® Collection Large LED – UCL

TYPE

LUMINAIRE PERFORMANCE

Optical System	Secondary Lens or Shield	Distribution	Ordering Code	3K Delivered Lumens	3K Efficacy (lm/w)	3K Bug Rating B	3K Bug Rating U	3K Bug Rating G	4K Delivered Lumens	4K Efficacy (lm/w)	4K Bug Rating B	4K Bug Rating U	4K Bug Rating G	5K Delivered Lumens	5K Efficacy (lm/w)	5K Bug Rating B	5K Bug Rating U	5K Bug Rating G	Drive Current (ma)	System Watts
MicroCore	No Lens (Standard)	TYPE 2	T2-56LED	8103	62	2	0	2	9636	74	2	0	2	10950	84	3	0	3	700	132
		TYPE 3	T3-56LED	7976	61	2	0	2	9486	73	2	0	2	10779	83	2	0	2		
		TYPE 4	T4-56LED	7919	61	1	0	2	9397	72	1	0	2	10702	82	1	0	3		
		TYPE 5	T5-56LED	8398	65	3	0	2	9724	75	3	0	2	11050	85	4	0	2		
		45° LEFT	TL-56LED	7560	58	1	0	2	9053	70	1	0	2	9949	77	1	0	2		
		45° RIGHT	TR-56LED	7560	58	1	0	2	9053	70	1	0	2	9949	77	1	0	2		
	House Side Shield	TYPE 4	T4-56LED-...-HSS	5761	44	0	0	2	6797	52	0	0	2	7604	58	0	0	2		
	No Lens (Standard)	TYPE 2	T2-56LED	5189	62	2	0	2	6167	74	2	0	2	7008	84	2	0	2	450	84
		TYPE 3	T3-56LED	5105	61	1	0	2	6071	73	1	0	2	6898	83	2	0	2		
		TYPE 4	T4-56LED	5068	61	1	0	2	6014	72	1	0	2	6850	82	1	0	2		
		TYPE 5	T5-56LED	5375	64	3	0	1	6223	74	3	0	1	7072	85	3	0	2		
		45° LEFT	TL-56LED	4839	58	1	0	2	5794	69	1	0	2	6367	76	1	0	2		
		45° RIGHT	TR-56LED	4839	58	1	0	2	5794	69	1	0	2	6367	76	1	0	2		
	House Side Shield	TYPE 4	T4-56LED-...-HSS	3687	44	0	0	2	4090	49	0	0	2	4839	58	0	0	2		

* DesignLights Consortium® Qualified Product

ELECTRICAL CHARACTERISTICS

Optical System	Ordering Code		LED Drive mA	System Watts	Driver: Line Voltage VAC	Driver: Line Voltage HZ	Driver: Amps AC 120	Driver: Amps AC 277	Min. Power Factor	Max THD (%)	Operating Temp. Range	Dimming: Dimming Range	Dimming: Source current out of 0-10V purple wire Min	Source current out of 0-10V purple wire Typical	Source current out of 0-10V purple wire Max	Absolute voltage range on 0-10V (+) purple wire Min	Absolute voltage range on 0-10V (+) purple wire Typical	Absolute voltage range on 0-10V (+) purple wire Max
MicroCore	56LED	700	700	132	120-277	50/60	1.1	0.48	≥.9	20	-30°C TO +40°C	10% TO 100%	0 MA	-	6 mA	-2.0 V	-	+15 V
		450	450	84			0.71	0.31										

LED COLOR

Consult factory for Amber, Turtle Friendly, Gulf Coast and Observatory applications.

	Ordering Code 3K	4K	5K
CRI Minimum	≥ 80	≥ 70	≥ 70
S/P Ratio	1.33	1.66	1.78

TM-21 LIFETIME CALCULATION

Optical System	Ordering Code	Ambient Environment °C	Projected Lumen Maintenance (% vs. Khrs) 15	25	50	60	100	Reported L70
MicroCore	56LED	15	93	91	87	85	78	>60Khrs
		25	93	91	87	85	78	

Universe® Collection Large LED – UCL

TYPE

SPECIFICATIONS

HOUSING
- All housing components shall be die-cast aluminum, sealed with continuous silicone rubber gaskets.
- Hood and spacers shall be heavy gauge spun aluminum with hemmed edges for added rigidity.
- Luminous rings shall be clear acrylic with an internal lens.
- Standard configurations do not require a flat lens, optional lenses shall be tempered glass
- All internal and external hardware shall be stainless steel.
- Optical bezel finish shall match the luminaire housing.

OPTICAL
- Patent pending MicroCore™ LED modules shall independently aim each light emitting diode (LED) in both horizontal rotation and vertical tilt angle.
- LEDs shall be mounted to a metal printed circuit board assembly (PCBA) with a uniform conformal coating over the panel surface and electrical features.
- LED optics shall be clear injection molded PMMA acrylic.
- MicroCore™ PCBA and optic shall be sealed to a die-cast anodized aluminum heat sink with an injection molded silicone rubber gasket. IP66.
- Type 4 distribution with optional House Side Shield not available with clear or diffused glass lenses. Factory installed House Side Shield is optimized for Type 4 distribution and not recommended for use with Type 2 or 3 distribution and not available with type 5 distribution.

ELECTRICAL
- Luminaires shall have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J.
- Drivers shall be U.L recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC.
- Drivers shall not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems, approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV.
- LifeShield™ shall be provided with all configurations for added protection in the event of abnormally excessive high ambient temperature conditions.

CONTROLS
- SCP shall have an integral surge protection device with a currentt rating of 10,000 Amps using the industry standard 8/20uSec wave and sure rating of 372J
- Sensor not intended for use with additional photo-control, wireless control or dimming systems.

PHOTOCELL / EGRESS ADAPTERS
- Adapter(s) shall slip over a 4"/100mm DIA. pole with the luminaire or arm slipping over the adapter to add a total of 4.5"/114mm to the overall height. Adapter(s) shall be prewired, independently rotatable 359°, and have a cast access cover with an integral lens and lanyard.
- Photocell adapter shall include an internal twist lock receptacle. Photocell by others.
- Egress adapter shall require an auxiliary 120 volt supply for operation of an integral MR16 lamp in the event of emergency. The lamp may be aimed and locked into position with an adjustment range of 15°-45°. Adapter shall have a socket that accepts miniature bi-pin MR16 lamps up to 50 watts, lamp by others.

SERVICING
- Luminaire shall have tool-less service access to the gear compartment. Driver and surge suppressor shall be mounted to a prewired tray with quick disconnects that may be removed from the gear compartment.

ARM MOUNTING
- Luminaire shall be attached to the arm assembly with three stainless steel bolts. The connection shall be sealed with a silicone compression gasket.
- Post top arms and brackets shall slip over a 4"/100mm O.D. or a 5"/127mm as configured and secured with six stainless steel set screws.
- Wall mounted arms and brackets shall require mounting hardware by others.

FINISH
- Luminaire finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish.
- Luminaire finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION
- Luminaire shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250.

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

CVS pharmacy

13,225 TYPE-B CHAMFER DRIVE-THRU

STORE NUMBER: 10591

168ST STREET AND SPRING MILL ROAD
WESTFIELD, INDIANA

PROJECT TYPE: NEW STORE
DEAL TYPE:
CS PROJECT NUMBER: 071776

ARCHITECT OF RECORD

CONSULTANT:

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DEVELOPER:

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Phone (317) 705-8800
Contact: Craig Forgey

SEAL:

APPROVAL PENDING
NOT FOR CONSTRUCTION

REVISIONS:

1	TAC COMMENTS	07-10-2015
2	PER OWNER	08-27-2015
3	CITY COMMENTS	09-23-2015

PLANNING MGR: JLW
DRAWING BY: RCB
DATE: 05-29-2015
JOB NUMBER: 2007.01007

TITLE:
SITE PHOTOMETRIC PLAN

SHEET NUMBER:

C802

COMMENTS:

PRINT DATE: 9/29/15
PLOT SCALE: 1:2.5849
EDIT DATE: 9/29/15 - 12:20 PM EDITED BY: JWILKERSON DRAWING FILE: P:\N2007\1007\D. DRAWINGS\CIVIL\C. CONSTRUCTION DOCUMENTS\200701007.CE.C801.SLP.DWG