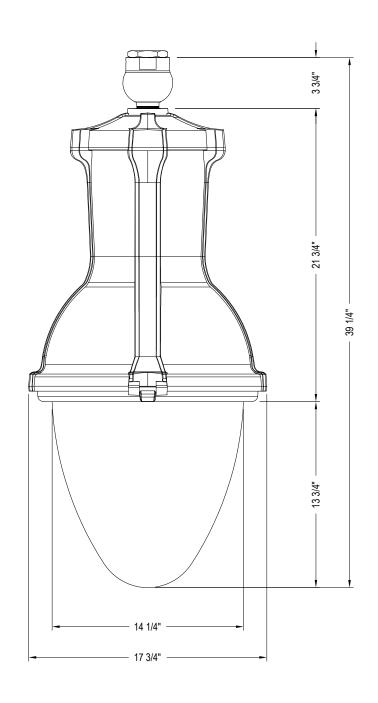
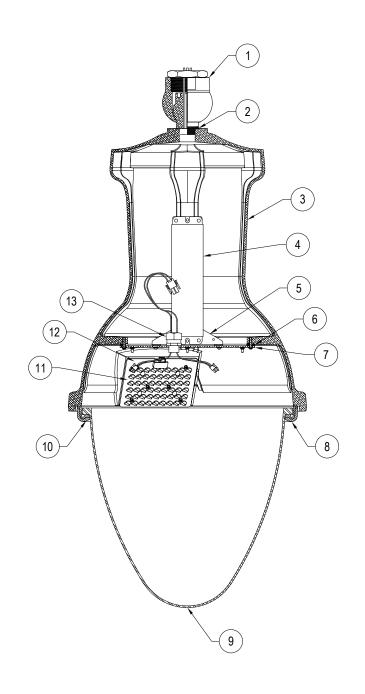
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- 1) VERTICAL ALIGNMENT COUPLING: MACHINED ALUMINUM COUPLING TO ACCEPT 1 1/2" NPT CONNECTION, SECURED WITH (1) 1/4-20 SET SCREW
- 2) LUMINAIRE CONNECTION: 1 1/4" N.P.T. PIPE THREAD, FOR COUPLING ATTACHMENT, SECURED WITH (1) 1/4-20 SET SCREW
- 3) UNI-BODY LUMINAIRE CASTING: CAST ALUMINUM, 356 ALLOY WITH COOLCAST HEAT DISSIPATING PROVISIONS
- 4) LED DRIVER: DRIVER TO BE DETERMINED (BASED ON REQUIRED WATTAGE), SECURED WITH (2) 1/4-20 MACHINE SCREWS
- 5) BRACKET: 16 GAUGE, GALVANIZED STEEL DRIVER BRACKET, SECURED WITH (2) 10-24 MACHINE SCREWS
- 6) GASKET: SILICONE GASKET TO SEAL DRIVER CHAMBER FROM OPTICAL CHAMBER
- 7) BRACKET: 8 GAUGE, ALUMINUM DRIVER HOUSING PLATFORM, SECURED WITH (6) 10-24 MACHINE SCREWS
- 8) LOWER RING: CAST ALUMINUM, 356 ALLOY
- 9) GLOBE: TYPE III REFRACTIVE POLYCARBONATE
- 10) GASKET: SILICONE GASKET, TO SEAL GLOBE AND ONE-PIECE BODY TO GLOBE RING
- 11) 1 WATT LED CHIPS (SEE LUMINAIRE SPECIFICATIONS FOR REQUIRED SYSTEM WATTAGE)
- 12) CROSSFIRE GENERATION TWO OPTICAL SYSTEM: INJECTION MOLDED REFRACTIVE ACRYLIC, TYPE IV (ASYMMETRIC) DISTRIBUTION
- 13) CORD GRIP: MULTICORD LIQUID TIGHT NYLON CORD GRIP, 4 CORD, 3/8" NPT SIZE

LUMINAIRE SPECIFICATIONS

 STYLE:
 COLUMBIA

 HEIGHT:
 39 1/4"

 WIDTH:
 17 3/4"

MATERIAL: CAST ALUMINUM ALLOY A.N.S.I. 356, PER A.S.T.M.

B26-95

GLOBE: TYPE III REFRACTIVE POLYCARBONATE
FINISH: POWDER COAT - TO MATCH SHERWIN WILLIAMS
ACROLON - BLACK CHERRY (SW2724)

LAMPING: 200 WATT LED SYSTEM

VOLTAGE: ELECTRONIC WIRED AT 120-277 VOLTS

COLOR TEMPERATURE: 4000K (MEDIUM WHITE)

OPTICAL SYSTEM: TYPE III REFRACTIVE ACRYLIC OPTICS

(ASYMMETRIC) DISTRIBUTION MODIFIERS:

- DIMMING CAPABLE DRIVER - VERTICAL ALIGNMENT COUPLING - 10KV SURGE PROTECTION

CATALOG NO.: ALMCLU-LE200/EVX/X2-40-CR3-LAVBC-PLC3-CU



Spring City Electrical Mfg. Co.

DESCRIPTION	THE UNI-BODY COLUMBIA LED LUMINAIRE			
CUSTOMER				
JOB				
SCALE	DRAWN BY:	DATE	DRAWING NO.	
N.T.S.	B.K.R.	10-24-2017	FIX-30088	

1) UPPER LUMINAIRE CASTING: CAST ALUMINUM, 356 ALLOY, WELDED TO ALUMINUM BODY

2) LUMINAIRE BODY: 8 GAUGE, ONE PIECE SPUN 1100-0 ALUMINUM BODY, WELDED TO UPPER CASTING AND 6063 FORMED ALUMINUM ALLOY

3) QUICK DISCONNECT: UNIVERSAL MATE-N-LOK CONNECTOR, 3 POSITION

4) DRIVER BRACKET: FORMED BRACKET TO MOUNT DRIVER AND SURGE PROTECTOR, SECURED WITH (2) 1/4-20 ROUND HEAD MACHINE SCREWS

5) STRUT FOR LUMINAIRE: CAST ALUMINUM, 356 ALLOY, WELDED TO ALUMINUM BODY

6) DRIVER: (1) 150 WATT PHILIPS ADVANCE "XITANIUM" (1050 mA) DRIVER, SECURED WITH (2) 1/4-20 ROUND HEAD MACHINE SCREWS (CATALOG NO.: XI150C105V140CNF1)

7) COOLCAST⊗ HEAT DISSIPATING CAP: ONE PIECE CAST ALUMINUM, 356 ALLOY, SECURED TO HINGED GLOBE RING WITH (8) 10-24 ROUND HEAD MACHINE SCREWS

8) UPPER HINGED RING: CAST ALUMINUM, 356 ALLOY, WELDED TO ALUMINUM BODY, CAST WITH (21) 1/4" WIDE X 3/4" LONG OPENINGS FOR IMPROVED AIR FLOW TO COOLCAST® LED CAP

9) LOWER HINGED GLOBE RING: CAST ALUMINUM, 356 ALLOY, COMPRESSING THE GLOBE TO THE LOWER CASTING, SECURED WITH (2) 10-24 ROUND HEAD MACHINE SCREWS, HINGE MACHINED TO ACCEPT A (1) 10-24 STAINLESS STEEL SHOULDER BOLT

10) GLOBE: FORMED CLEAR STIPPLED ACRYLIC

11) GASKET: NEOPRENE GASKET TO SEAL CONNECTION BETWEEN GLOBE AND LOWER CASTING

12) HINGE PIN: (1) 10-24 X 1" SHOULDER BOLT WITH 1/4" DIA. BARREL

13) QUICK DISCONNECT: MICRO MATE-N-LOK CONNECTOR, 2 POSITION, MALE

14) 1 WATT LED CHIPS; 90 TOTAL CHIPS CONTRIBUTE TO A 155 WATT SYSTEM (45 CHIPS POPULATED PER LED BOARD)

15) MEDALLION: CAST ALUMINUM, 356 ALLOY, WELDED TO ALUMINUM BODY

16) LED OPTICAL SYSTEM: INJECTION MOLDED REFRACTIVE OPTICS WITH TYPE III DISTRIBUTION

17) LED BOARD: ALUMINUM CORE BOARD WITH THERMAL INTERFACE MATERIAL

18) CORD GRIP: MULTICORD LIQUID TIGHT NYLON CORD GRIP, 4 CORD, 3/8" NPT SIZE

19) SURGE PROTECTOR: 120-277 VAC 10KV SURGE PROTECTION, METAL OXIDE VARISTOR (MOV) CONNECTION AT THE FIRST STAGE OF INPUT POWER (CATALOG NO.: PHILIPS SP1)

20) DECORATIVE HOOP: 6063 FORMED ALUMINUM ALLOY, WELDED TO ALUMINUM BODY AND UPPER CASTING

SURGE PROTECTOR: 120-277 VAC 10KV SURGE PROTECTION, METAL OXIDE VARISTOR (MOV) CONNECTION AT THE FIRST STAGE OF INPUT POWER (CATALOG NO.: PHILIPS SP1)

21) POWER CABLE: BUNDLED WIRES SUPPLIED WITH QUICK DISCONNECTS

22) LUMINAIRE CONNECTION: 2" N.P.T. PIPE THREAD, FOR COUPLING ATTACHMENT, SECURED WITH (1) 1/4-20 SET SCREW

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LUMINAIRE SPECIFICATIONS

STYLE: BENJAMIN FRANKLIN PARKWAY LED LUMINAIRE

HEIGHT: 38 3/8"

WIDTH: 23 3/4" DIAMETER

MATERIAL: CAST ALUMINUM ALLOY A.N.S.I. 356, PER

A.S.T.M. B26-95 WITH 8 GAUGE, 1100-0 SPUN ALUMINUM BODY

GLOBE: STIPPLED ACRYLIC

LAMPING: 155 WATT LED SYSTEM

VOLTAGE: ELECTRONIC WIRED AT 120-277 VOLTS

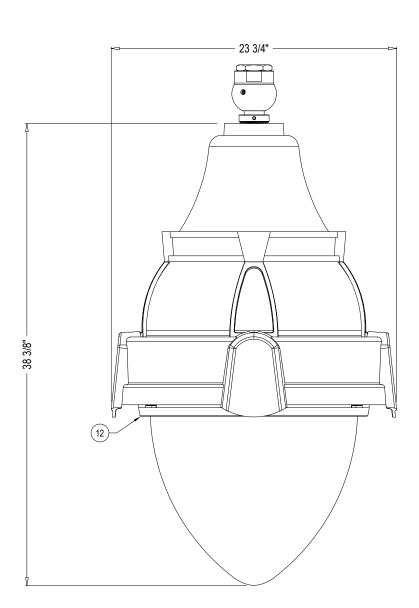
COLOR TEMPERATURE: 4000K (MEDIUM WHITE)

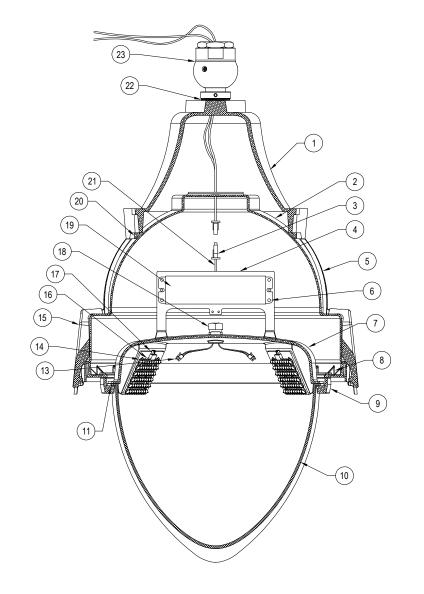
OPTICAL SYSTEM: TYPE III CROSSFIRE REFRACTIVE OPTICS

(ASYMMETRIC DISTRIBUTION)

SURGE: 10KV SURGE PROTECTION

CATALOG NO.: ALMBFP-LE155/EVX/X2-40-CR3-YBFP-LAVBC-CU





 ⚠ REVISED BY: J.H.P.
 DATE: 12-19-18

 ⚠ REVISED BY: T.E.B.
 DATE: 05-16-18



Spring City Electrical Mfg. Co.

DESCRIPTION	THE BENJAMIN FRANKLIN PARKWAY LED LUMINAIRE			
CUSTOMER				
JOB				
SCALE	DRA	AWN BY:	DATE	DRAWING NO.
N.T.S.	т	E.B.	09-22-2015	FIX-29378

1) TWIST LOCK PHOTO CELL: WIRED FOR 208V THROUGH 240V

2) 7-PIN TWIST LOCK PHOTO CELL RECEPTACLE

3) BUNDLED POWER CABLES FROM PHOTO CELL RECEPTACLE (WIRED INTO DRIVER FOR DIMMING CONTROLS)

4) COOLCAST HEAT DISSIPATING ROOF: CAST ALUMINUM, 356 ALLOY, SECURED WITH (4) 10-24 ROUND HEAD MACHINE SCREWS

5) GASKET: MOLDED SILICONE TO SEAL ROOF TO GLOBE

6) UPPER CAGE RING: CAST ALUMINUM, 356 ALLOY

7) QUICK DISCONNECTS FOR WIRING OF LED LIGHT ENGINES

8) QUICK DISCONNECT SUPPLIED FOR DISCONNECTING ROOF ASSEMBLY FROM CAGE ASSEMBLY

9) DRIVER HOUSING: SPUN ALUMINUM SECURED WITH (3) 10-24 ROUND HEAD PHILLIPS MACHINE SCREWS

10) SURGE PROTECTOR: 10kV PROTECTION

11) GASKET: MOLDED SILICONE TO SEAL GLOBE TO GLOBE SEAT

12) STOP RING: CAST INTO FITTER

13) LUMINAIRE FITTER: CAST ALUMINUM, 356 ALLOY

14) POLE WIRE HARNESS: 10 GAUGE WIRES SUPPLIED WITH QUICK DISCONNECT FOR INCOMING POWER (16'-0" MINIMUM LENGTH)

15) LUMINAIRE WIRE HARNESS: 14 GAUGE WIRES SUPPLIED WITH QUICK DISCONNECT FOR INCOMING POWER

16) LUMINAIRE GLOBE SEAT: CAST ALUMINUM, 356 ALLOY

17) LED DRIVER: 150W DRIVER WIRED AT 700mA (SPLIT CURRENT) WITH 0-10V DIMMING (PHILIPS #LEDINTA0700C210DO)

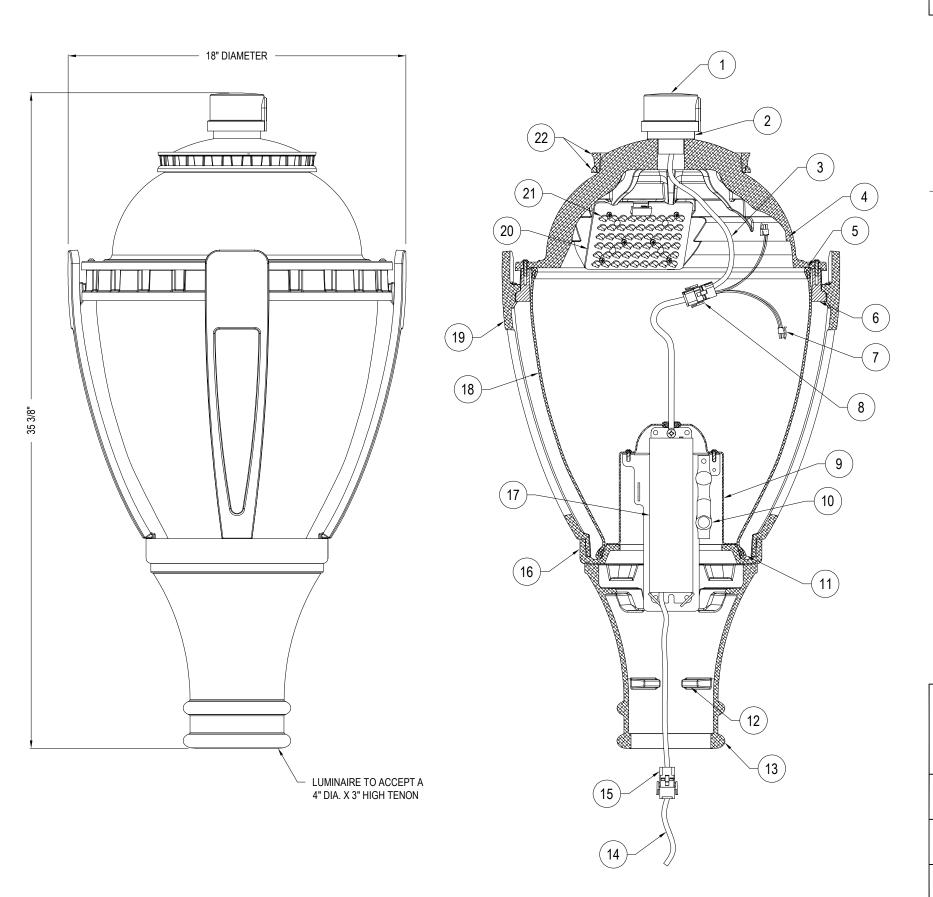
18) GLOBE: 199 STIPPLED ACRYLIC

19) LUMINAIRE CAGE STRUT: (4 PIECES) CAST ALUMINUM, 356 ALLOY

20) CROSSFIRE OPTICAL SYSTEM: INJECTION MOLDED REFRACTIVE OPTICS

21) CREE XT-E LED - 54 CHIPS PER BOARD TO PRODUCE A 120 WATT SYSTEM

22) DECORATIVE DENTAL RING: (2 PIECES) CAST ALUMINUM, 356 ALLOY



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LUMINAIRE SPECIFICATIONS:

STYLE: CENTER CITY HEIGHT: 35 3/8" WIDTH: 18" DIAMETER

MATERIAL: 18" DIAMETER

CAST ALUMINUM ALLOY ANSI 356 PER

A.S.T.M. B26-95

FINISH: POWDER COAT - CITYSCAPE GREEN

LAMPING: 120 WATT LED SYSTEM

VOLTAGE: ELECTRONIC WIRED AT 120-277 VOLTS COLOR TEMP: 4000K (MEDIUM WHITE)

OPTICS: TYPE III CROSSFIRE RÉFRACTIVE OPTICS

(ASYMMETRIC DISTRIBUTION)

GLOBE: 199 STIPPLED ACRYLIC
MODIFIER: 7-PIN TWIST LOCK DIMMING RECEPTACLE

MODIFIER: 7-PIN TW DIMMING: 0-10V

SURGE PROTECTION: 10kV

CATALOG NO.: ALMCTR-LE120/EVX/X2-40-CR3-YS19-TR7P-CU



Spring City Electrical Mfg. Co.

DESCRIPTION	THE CENTER CITY LED LUMINAIRE			
CUSTOMER JOB				
SCALE	DRAWN BY:	DATE	DRAWING NO.	
N.T.S.	MWG	06-12-15	FIX-29264	

1) PHOTO CONTROL: 7-PIN TWIST LOCK PHOTO CONTROL RECEPTACLE SUPPLIED WITH SHORTING CAP

2) MOUNTING RING: ALUMINUM, 6061 ALUMINUM, WELDED TO ROOF

3) ROOF: CAST ALUMINUM, 356 ALLOY, SECURED WITH (4) 1/4"-20 MACHINE SCREWS

4) ROOF MOUNTING PLATE: CAST ALUMINUM, 356 ALLOY, WELDED TO CAGE ASSEMBLY

5) ROOF TRIM: 0.125" THICK FORMED ALUMINUM DECORATIVE TRIM WORK, WELDED TO CAGE ASSEMBLY

6) BRASS BALL: 1" DIA. POLISHED BRASS BALLS EACH SECURED WITH 1/8" IPS BRASS NIPPLE

7) CAGE PANEL: CAST ALUMINUM, 356 ALLOY, 4 PIECES WELDED TOGETHER TO FORM CAGE

8) PANEL INSERTS: LASER CUT DECORATIVE PANEL ELEMENTS, 12 GA. ALUMINUM

9) PANELS: SEEDED ACRYLIC PANELS

10) PANEL RETAINERS: FORMED ALUMINUM PANEL REATAINERS, 4 REQUIRED EACH SECURED WITH (2) 10-24 MACHINE SCREWS

11) UPPER FITTER: CAST ALUMINUM, 356 ALLOY, WELDED TO CAGE ASSEMBLY

12) LED SEAT: CAST ALUMINUM, 356 ALLOY, WELDED TO CAGE ASSEMBLY

13) LOWER FITTER: CAST ALUMINUM, 356 ALLOY, WELDED TO CAGE ASSEMBLY

14) DRIVER BRACKET: FORMED GALVANIZED STEEL BRACKET MOUNTED TO FIXTURE WITH (2) 10-24 MACHINE SCREWS

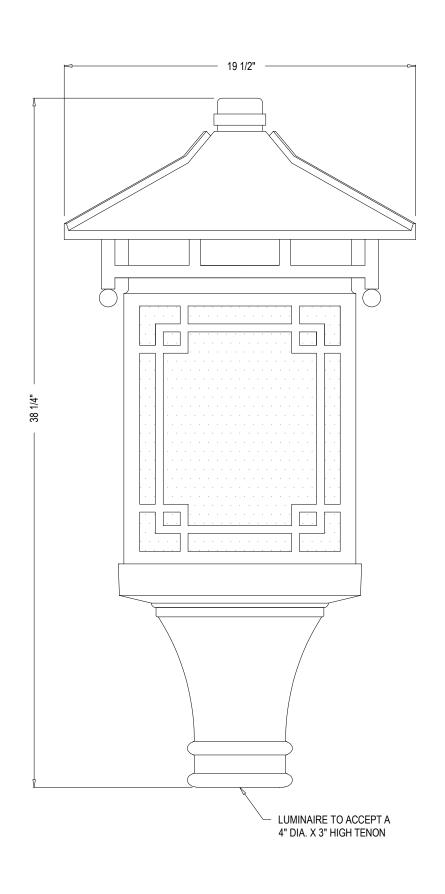
15) POWER CABLE: BUNDLED POWER CABLE WIRE WITH QUICK DISCONNECTS

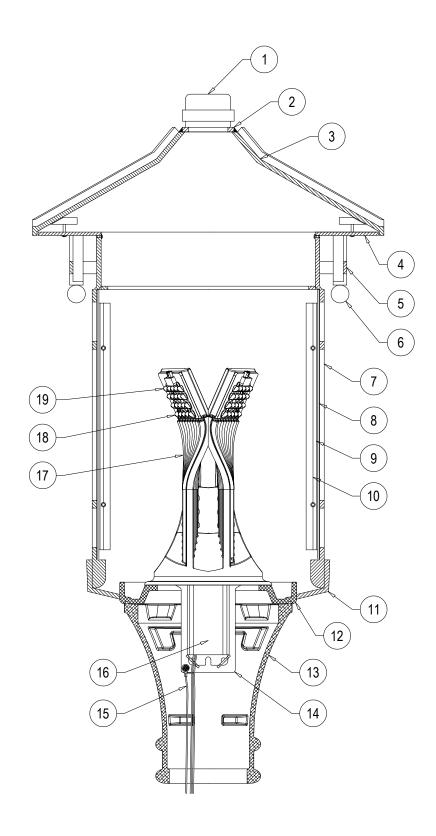
16) LED DRIVER: DRIVER AND DRIVE CURRENT DETERMINED BY REQUIRED WATTAGE

17) X-SERIES LED MODULE: INTERNAL CAST ALUMINUM, 356 ALLOY, WITH (3) 10-24 MACHINE SCREWS

18) OPTICAL SYSTEM: TYPE III REFRACTIVE ACRYLIC OPTICS (ASYMMETRIC DISTRIBUTION)

19) LED CHIPS: SEE LUMINAIRE SPECIFICATIONS FOR REQUIRED SYSTEM WATTAGE





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LUMINAIRE SPECIFICATIONS:

STYLE: CCD CHINATOWN

HEIGHT: 38 1/4"

MODIFIER:

WIDTH: 19 1/2" SQUARE

MATERIAL: CAST ALUMINUM SAND CASTING ALLOY A.N.S.I.

356 PER A.S.T.M. B26-95 AND SPUN ALUMINUM

PANELS: SEEDED ACRYLIC

FINISH: POWDER COAT - RAL 3011 (CHINATOWN RED)

LAMPING: 100 WATT LED SYSTEM
VOLTAGE: ELECTRONICALLY WIRED AT 120-277 VOLTS

COLOR TEMP. 4000K (MEDIUM WHITE)

OPTICAL SYSTEM: TYPE III REFRACTIVE ACRYLIC OPTICS

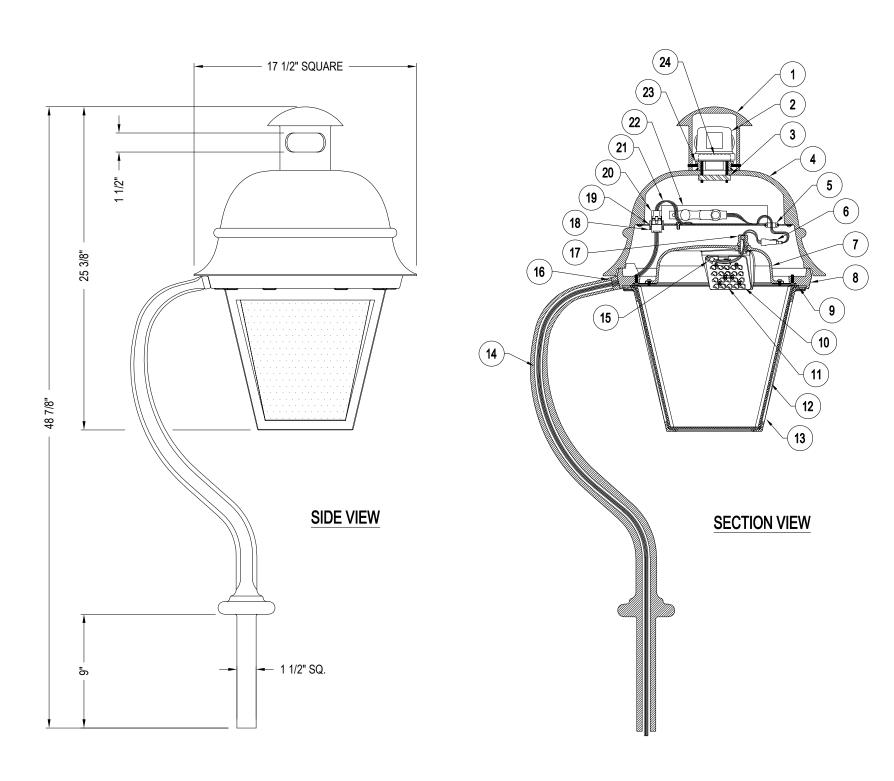
(ASYMMETRIC DISTRIBUTION)

7 PIN TWIST-LOCK RECEPTACLE SUPPLIED WITH SHORTING CAP

CATALOG NO.: ALMCHN-M1-LE100/EVX/L18-40-CR3-YSDP-TR7P-CU

Spring City Electrical Mfg. Co.

DESCRIPTION	N THE CHINATOWN "M1" LED LUMINAIRE			
CUSTOMER				
JOB				
SCALE	DRAWN BY:	DATE	DRAWING NO.	
N.T.S.	B.K.R.	05-03-2019	FIX-32448	



1) DECORATIVE VENT HOOD: CAST ALUMINUM, 356 ALLOY, SECURED WITH (3) 10-24 X 3/4" SET SCREWS

2) PHOTO CELL: PLEASE ADVISE WHEN REQUIRED

3) PHOTO CELL RETAINER: FORMED GALVANIZED STEEL RETAINER TO SECURE PHOTO CELL RECEPTACLE

4) ROOF: CAST ALUMINUM, 356 ALLOY, WELDED TO MOUNTING RING

5) GROMMET: RUBBER GROMMET IN DRIVER MOUNTING PLATE

6) PUSH-IN QUICK DISONNECT: 2 POLE BLACK/WHITE

7) COOLCAST HEAT DISSIPATING DOME: CAST ALUMINUM, 356 ALLOY, SECURED TO MOUNTING PLATE WITH (6) 1/4-20 X 3/8" LONG ROUND HEAD PHILLIPS HEAD MACHINE SCREWS, DOME TO BE ADJUSTABLE TO ALLOW FOR CUSTOM STREET SIDE ORIENTATION

8) CROOK RING: CAST ALUMINUM, 356 ALLOY, WELDED TO MOUNTING RING

9) GASKET: SILICONE GASKET

10) LED SYSTEM: 1 WATT LED CHIPS (CHIP COUNT DETERMINED BY REQUIRED WATTAGE)

11) CROSSFIRE OPTICAL SYSTEM: INJECTION MOLDED REFRACTIVE ACRYLIC, TYPE III (ASYMMETRIC) DISTRIBUTION (NOT SHOWN)

12) PANELS: SEEDED ACRYLIC PANELS WITH CLEAR ACRYLIC BOTTOM PANEL

13) LOWER OPEN CAGE: CAST ALUMINUM, 356 ALLOY, WELDED TO STRUTS

14) GOOSENECK CROOK: CAST ALUMINUM, 356 ALLOY, WELDED TO CROOK ADAPTOR, SUPPLIED WITH 10'-0" OF 10 GUAGE STRANDED COPPER LEAD WIRES (3) CONDUCTOR (THWN: BLACK, WHITE, & GREEN)

15) QUICK DISCONNECT: MICRO MATE-N-LOK CONNECTOR, 2 POSITION

16) CROOK ADAPTOR: CAST ALUMINUM, 356 ALLOY, WELDED TO GOOSENECK CROOK

17) CORD GRIP: MULTICORD LIQUID TIGHT NYLON CORD GRIP, 4 CORD, 3/8" NPT SIZE

18) QUICK DISCONNECT: MICRO MATE-N-LOK CONNECTOR, 3 POSITION, MALE

19) BRACKET: 16 GAUGE, GALVANIZED STEEL DRIVER BRACKET, SECURED WITH (4) 10-24 X 3/8" LONG ROUND HEAD PHILLIPS STAINLESS STEEL MACHINE **SCREWS**

20) QUICK DISCONNECT: UNIVERSAL MATE-N-LOK CONNECTOR, 3 POSITION, FEMALE, FIXED POSITION ON DRIVER BRACKET

21) LED DRIVER: DRIVER TO BE DETERMINED (BASED ON REQUIRED WATTAGE), SECURED WITH (2) 1/4"-20 X 3/8" LONG ROUND HEAD PHILLIPS STAINLESS STEEL MACHINE SCREWS

22) SURGE PROTECTOR: 10kV PROTECTION

23) PHOTO CELL MOUNTING PROVISION: CAST ALUMINUM, 356 ALLOY, WELDED CLOSED TOP ROOF

24) RECEPTACLE: TWIST LOCK PHOTO CELL RECEPTACLE, SECURED TO CLOSED ROOF WITH (2) 6-32 X 2" LONG ROUND HEAD PHILLIPS STAINLESS STEEL MACHINE SCREWS

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LUMINAIRE SPECIFICATIONS

STYLE: FRANKLIN GOOSENECK (M4) LED LUMINAIRE

HEIGHT: 25 3/8"

PHOTO CONTROL:

WIDTH: 17 1/2" SQUARE

MATERIAL: CAST ALUMINUM ALLOY A.N.S.I. 356, PER A.S.T.M.

B26-95

PANELS: SEEDED ACRYLIC PANELS WITH CLEAR ACRYLIC

BOTTOM PANEL

FINISH: POWDER COAT - RIVER TEXTURE GLOSS BLACK

LAMPING: 40 WATT LED SYSTEM COLOR TEMP:

SEE BELOW

VOLTAGE: ELECTRONIC 120-277 VOLTS

TYPE III REFRACTIVE ACRYLIC OPTICS (ASYMMETRIC OPTICS:

> DISTRIBUTION) 7-PIN TWIST LOCK DIMMING RECEPTACLE (PHOTOCELL BY OTHERS)

CATALOG NO.: ALMFRK-M4-LE040/EVX/X2-__-CR3-YSDP-TR7P-FRG-CU

<u>C</u>	OLOR TEMPERATURE	CAT. NO.
	2200K (GOLDEN WHITE)	22
	3000K (WARM WHITE)	30
	4000K (MEDIUM WHITE)	40



Spring City Electrical Mfg. Co.

DESCRIPTION	THE FRANKLIN GOOSENECK (M4) LED LUMINAIRE		
CUSTOMER			
JOB			
SCALE	DRAWN BY:	DATE	DRAWING NO.
N.T.S.	B.K.R.	01-17-2017	FIX-29811