

**Mayfield Town RFB**  
**Updated 2/20/2024**  
52 North Main St  
Mayfield, Utah 84643

**REQUEST FOR BIDS (RFB)- COMPETITIVE SEALED BID FOR PROCUREMENT OF NEW PICKLEBALL COURT LIGHTS**

**DOCUMENT SUMMARY:**

Mayfield Town is requesting bid proposals for the installation of 4 light poles and lights for the pickle ball courts in Mayfield Town Park located at 220 North Park Road. Pickleball Court light layout and power source location is included in the proposal.

**SCOPE OF WORK:**

1. Running underground power from the electrical panel located on the west side of the west restrooms. This panel is a 60 amp panel and at present services the restrooms only. The panel is a Square "D" panel. There is space for a 20 amp circuit.
2. Installing underground conduit and wire from panel to first light pole (approx. 126')
3. Install conduit and wire into 4 light pole bases, extended into the pole at 4 locations shown on the site drawing.
4. Pour 4 concrete light pole bases that will be 18" diameter x 6' height (24" exposed light pole base above ground). Base to have a reinforcement steel installed as follows. 6 each #5 bar verticals, #3 bar rings located at 12" oc (total of 7). Provide 2" minimum of clearance between rebar and concrete surface. Install anchor bolts (furnished with light pole order in concrete bases
5. Furnish and install light pole and light fixture on top of light pole (shown in RFP) and adjust to provide maximum uniform light on pickleball courts. Light poles to be ordered with base hinging capability.
6. Furnish and Install on one light pole a 1 hour rotating timer (Shown in RFP) with weather proof cover.
7. Furnish and install 24 hour/365 calendar timer (Shown in RFP) in Restroom mechanical closet adjacent to the electrical panel for power shut off to pickleball lights.
8. A concrete sidewalk adjacent to the restrooms will have to be cut to allow installation of the underground conduit. Conduits need to be buried per NEC Code.
9. A concrete sidewalk part way to the pickleball courts, we anticipate burrowing under this sidewalk.
10. There are sprinkler lines in the planter area and west of the west sidewalk (tree watering) which will have to be repaired if damaged.

**QUESTIONS CONCERNING THE RFB SHOULD BE DIRECTED TO:**

Mayfield Town  
Att: Mayor Steve Anderson  
52 N Main Street PO Box 541  
Mayfield, UT 84643  
Tel: (801) 641-3598  
[steveand1972@gmail.com](mailto:steveand1972@gmail.com)

OR

Mayfield Town  
Att: Amanda Bennett  
52 N Main Street PO Box 541  
Mayfield, UT 84643  
Tel: (435) 528-5061  
[mayfieldtownutah@gmail.com](mailto:mayfieldtownutah@gmail.com)

**BID SUBMITTAL DATE & TIME:**

Proposals must be delivered in a sealed envelope to Mayor Steve Anderson at Mayfield Town Clerk's Office, 52 North Main Street, Mayfield, Utah 84643 on or before March 13, 2024 by 3:00 pm. Proposals will be open and read aloud in the Mayfield Town regular public town council meeting commencing at 7:00 pm that evening.

Bids will be reviewed to verify that they are complete, and final notice of award will be made the following day.

All delivery, assembly, installation and supervision costs must be included in the Bid. Payment for the project will be sent within sixty (60) days after delivery and assembly/installation and invoicing of the Project upgrades and improvements.

All Bids amounts shall be guaranteed for not less than sixty (60) days after the Bids submittal deadline date.

Each Bid must be accompanied by a Certified Check, Cashier's Check, or Bid Bond payable to Mayfield Town in an amount not less than ten percent (10%) of the total bid amount. The successful Supplier shall furnish approved Performance and Payment Bonds, each in the amount of one hundred percent (100%) of the bid amount. Workmen's Compensation, Comprehensive General Liability, and Transportation insurance and insurance certificates shall be provided by the successful Supplier. Successful Suppliers are required to comply with Mayfield Town Business Licensing requirements. Following execution of Bid receipt, Bids will be available to the public upon specific request.

No Bid may be withdrawn within a period of sixty (60) days after the bid opening date.

Prices shall include delivery f.o.b., freight paid by the bidder to the jobsite.

The Supplier must submit two (2) hard copies of the Bid to the address listed above. All Bids must comply with the specifications and guidelines provided in this document.

This solicitation is being offered in accordance with State statutes governing procurement. Accordingly, Mayfield Town reserves the right to negotiate an agreement based on fair and reasonable compensation for the scope of work and services proposed, as well as the right to reject any and all responses deemed unqualified, unsatisfactory or inappropriate at the sole discretion of Mayfield Town.

**DESIGN ELEMENT GUIDELINES & SPECIFICATIONS:**

Suppliers should base their work on meeting all accessibility and safety standards as well as the guidelines & specifications listed in this RFB. Quality of components, quality of design, inclusiveness, cost, appropriateness to location and target demographic must be taken into consideration in the design of the proposed work. (Contact the above listed number or address for further demographic information).

The bid should provide a list of the components being proposed for the Mayfield Town New Pickleball Court Lights project, as well as a time frame for completion once notified of award. Please include

component materials, recommendations, estimated lifetime of materials and any other relevant descriptive information.

**Required Items:**

1. All construction and equipment elements must meet and/or exceed all state and federal guidelines.

**Preferred Project Qualities:**

1. All construction and equipment elements must demonstrate the highest level of durability in materials and finishes selected in consideration of health and safety.

**ASSEMBLY/INSTALLATION, INSPECTION AND WARRANTY:**

**Assembly/Installation:** The construction will be provided and managed by the Supplier. The Supplier must provide direct supervision from the manufacturer or provide qualified and certified representatives familiar with installation. All tools and equipment required to install construction and upgrade in regards to the Project equipment shall be provided by the Supplier for this project. The Supplier will be given **365 calendar days** to complete the proposed work including product manufacture, delivery and installation. Calendar days will begin as outlined in the awarding of the bid/contract. The Supplier will certify installation is in accordance with all manufacturers' requirements including, but not limited to warranty requirements.

**Inspection:** A certified representative of the Supplier is required to conduct a post installation inspection of the Project improvements and upgrades upon completion to insure proper installation. If not properly installed, modifications must be submitted in writing to the Town and remedied immediately. Co-inspection with the Supplier's representative of assembly and installation work will be conducted by a Town Representative. The Town will supply the punch list for final completion generated by this co-inspection. The Supplier shall submit to the manufacturer's certification of compliance and warrantee following punch list completion.

**Warranty:** Upon completion of work, the Supplier must provide documentation attesting the materials have been installed meeting all specifications required to be warranted by manufacturer.

**COMPLIANCE:**

All equipment must meet and/or exceed all federal guidelines. Documentation of compliance must be provided to the Town with the Supplier's Bid. All equipment must comply with Americans with Disabilities Act (ADA) and Build America, Buy America (BABA).

The Supplier will ensure that hiring is made on the basis of merit and qualifications and that there will be no discrimination in employment on the basis race, ancestry, color, physical or mental disability, religion, national origin, sex, age, marital or familial status, creed, ex-offender status, physical condition, political belief, public assistance status or sexual orientation, gender identity or expression, except where these criteria are reasonable bona fide occupational qualifications.

The Supplier and any persons doing work on this project will be required to possess or obtain a Unique Entity Identifier (UEI) number through registration at SAM.GOV, and a business license registration with the State of Utah. All laborers and mechanics employed by Supplier in performance of this construction work shall be paid fair and equal wages rates, required by law. The Supplier shall utilize the DOL Davis Bacon Wage Rates for Heavy Construction effective to the most recent date posted prior to bidding and construction beginning.

The Supplier must provide an original Certificate of Product Liability Insurance.

**DISCLAIMER:**

Mayfield Town shall be exempt from any liability for costs incurred by unsuccessful suppliers in the preparation of a CSB.

**CIVIL RIGHTS STATEMENT:**

Mayfield Town is an Equal Employment Opportunity Entity. Qualified women, veterans, minority and handicapped individuals are strongly encouraged to submit Bids.

**EVALUATION AND SELECTION PROCESS:**

Bids will be evaluated by a selection committee based on the following criteria:

Criteria & Points:

1. CSB Proposed Cost & Timeline (20 Points)
2. CSB addresses design guidelines and specifications (20 Points)
3. CSB Statement to meet guidelines (20 Points)
4. CSB Safety precautions, warrantee and insurance capabilities (20 Points)
5. Overall Quality of CSB and references (20 Points)

Maximum Points: 100

The name of the bidder and the amount of each bid shall be recorded and made available to the public. Bids shall not be accepted after the time for submission of a bid has expired.

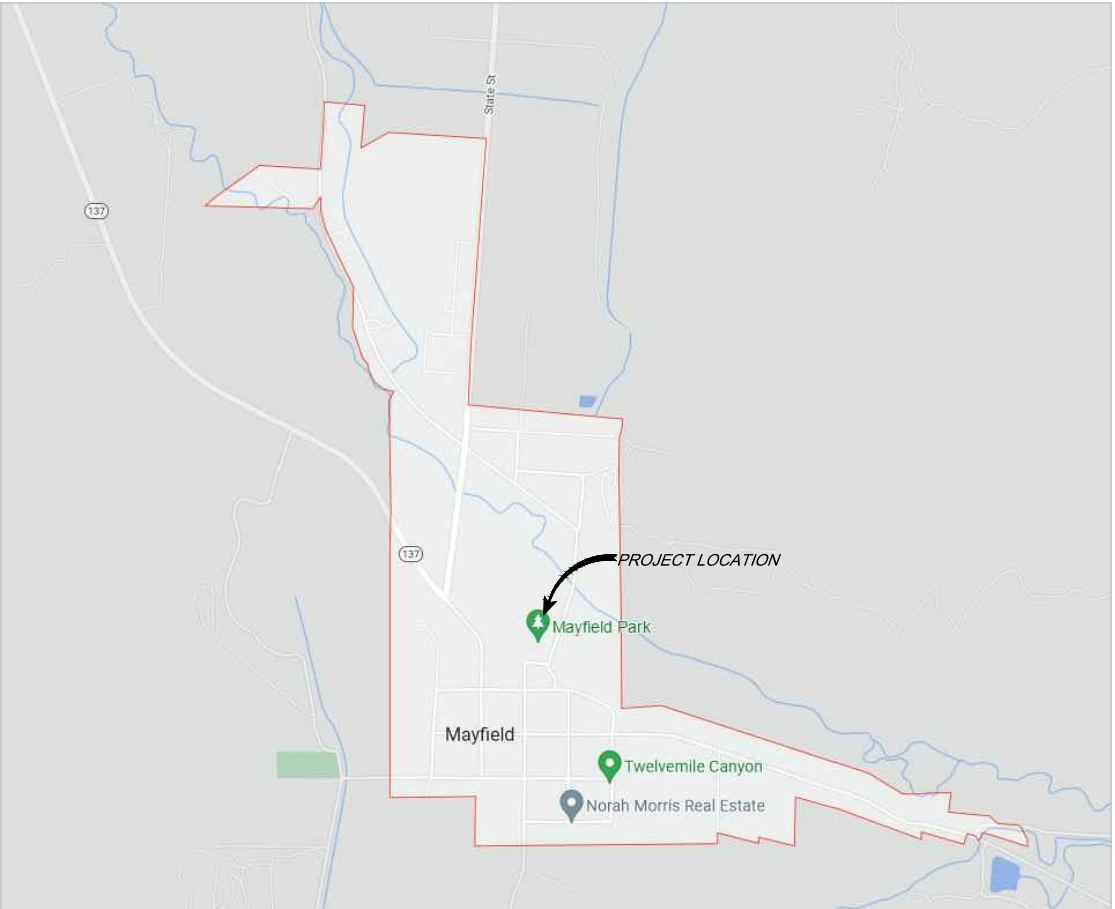
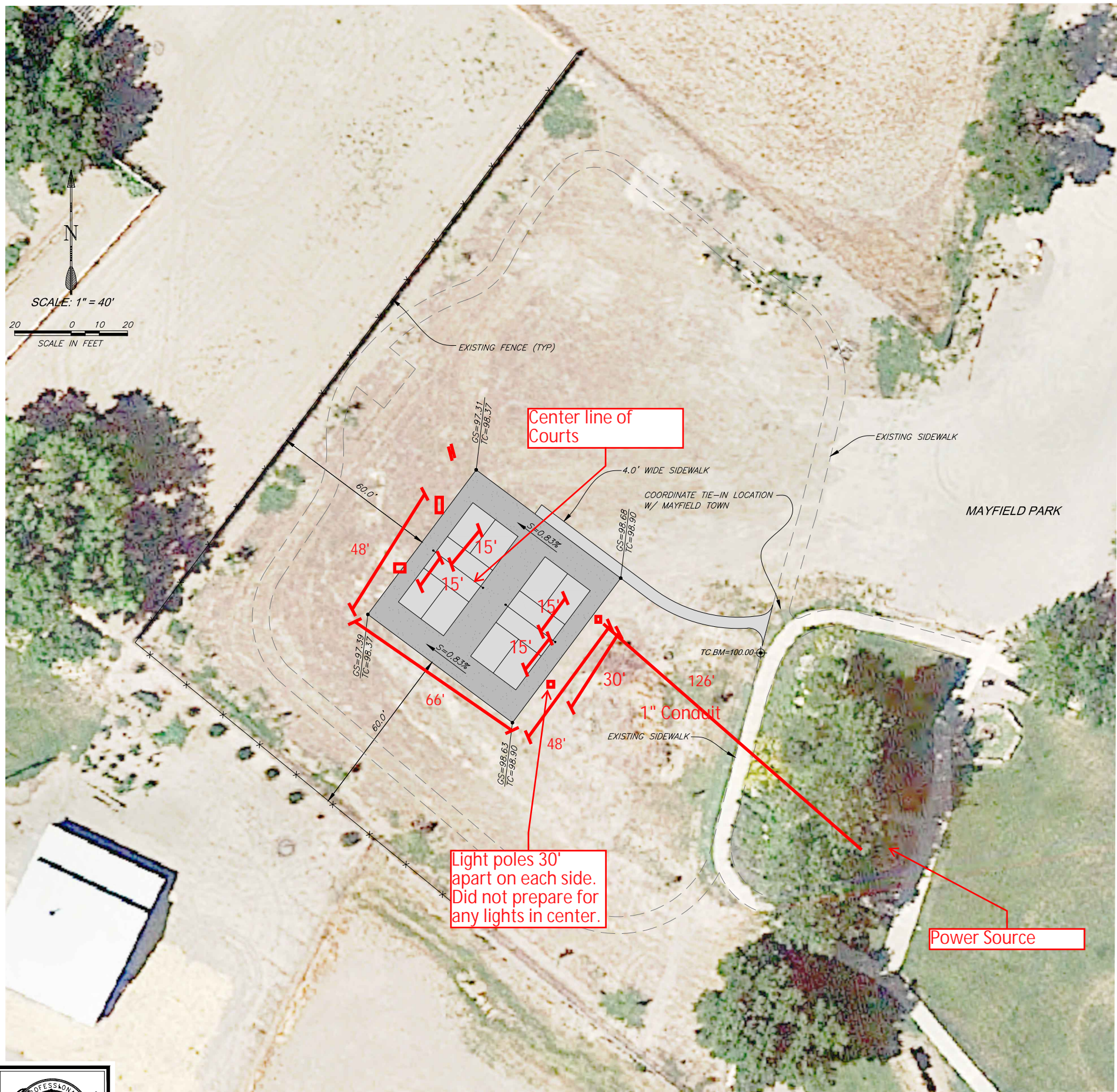
The Council shall consider an award the bid/contract to the lowest qualified bidder or the bidder who best satisfies the objective criteria described in the invitation for bids which may include: Experience, performance ratings, inspection of workmanship, suitability, quality, likely compatibility with existing assets or practices, availability, warrantee, references, licensure, proximity or other criteria reasonably specified in the RFB, including UEI and Utah business license clearance.

Tied bids may be resolved using any reasonable criteria and at the sole discretion of the Town Council. Please refer to State Code Title 63G - Chapter 6a for the procurement policy followed by Mayfield Town.

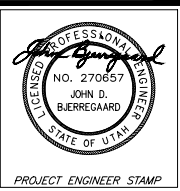
**ATTACHMENTS:**

**1 Pickleball 4 pole 4 light RFP dated 2 20 2024**





VICINITY MAP



**WASATCH CIVIL**  
*Consulting Engineering*  
1150 SOUTH DEPOT DRIVE, SUITE 225  
OGDEN, UT 84404 (801) 775-9191

REV.	DATE	APPR.

DESIGNED C.C.S. DATE MAR. 4, 2022  
DRAWN C.C.S. SCALE: AS SHOWN  
CHECKED J.D.B.

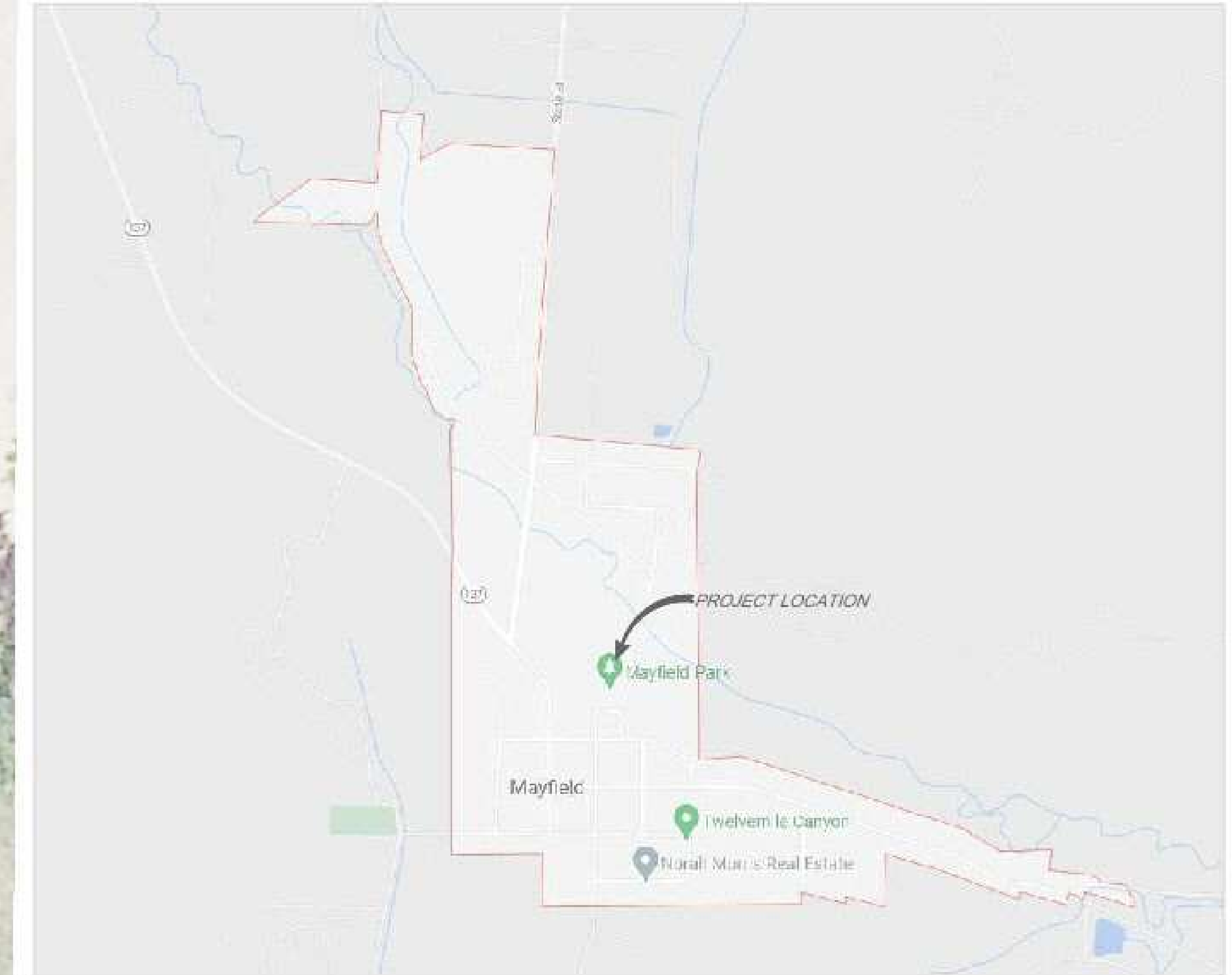
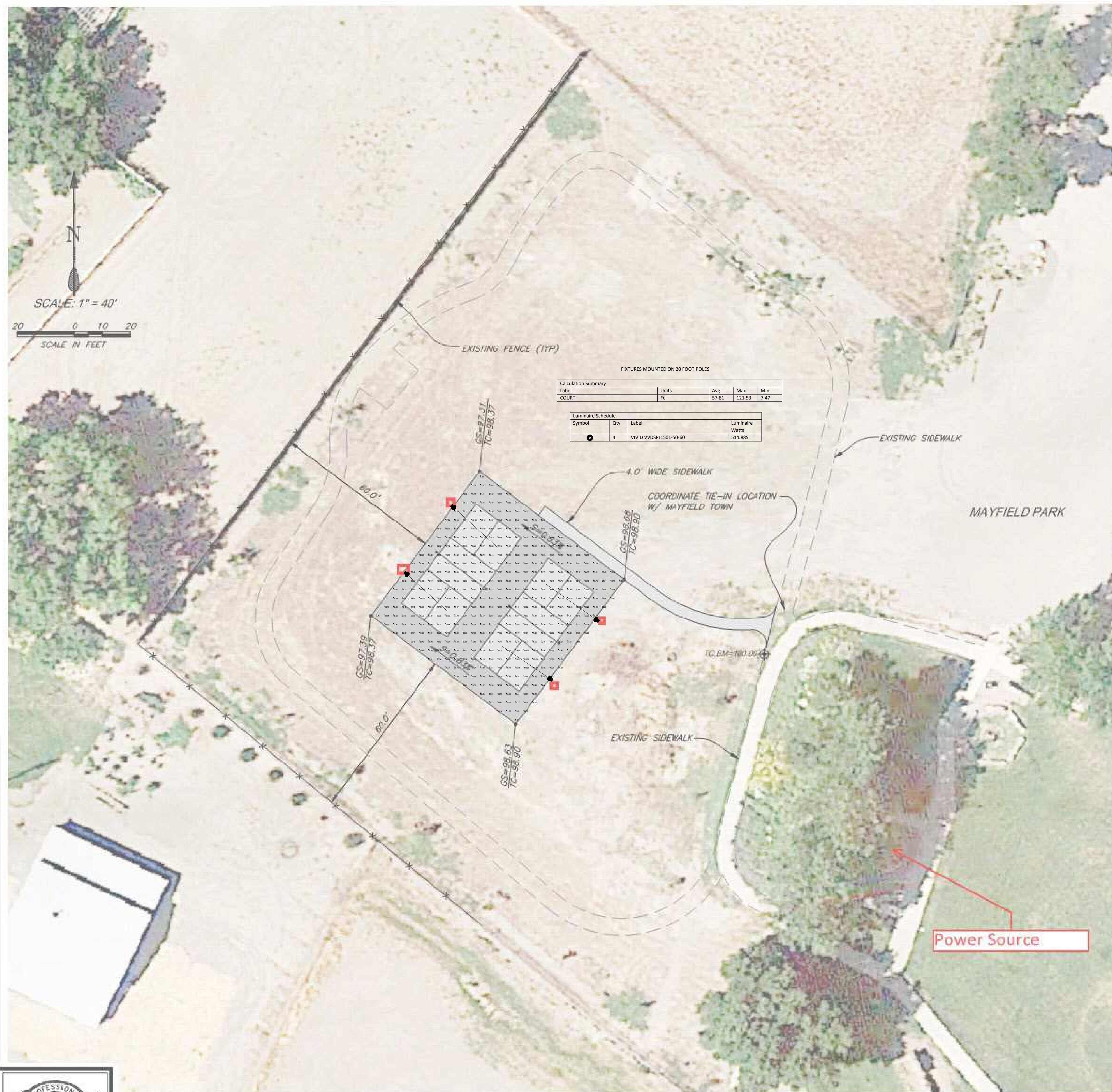
MAYFIELD  
TOWN

PICKLEBALL COURT PROJECT  
**SITE PLAN**

SHEET:  
**1**  
OF 3 SHEETS



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VICINITY MAP



**WASATCH CIVIL**  
Consulting Engineering  
1150 SOUTH DEPOT DRIVE, SUITE 225  
OGDEN, UT 84401 (801) 775-9191

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PICKLEBALL COURT PROJECT  
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**1**  
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## Product Description

By using a die cast aluminum alloy housing, anti-corrosion painting, and IP66 design, this fixture is great for MH / HPS outdoor flood lighting or sports lighting replacement. The completed LED flood light can work up to 100,000 hours, saving up to 80% energy, and have better lighting characteristics than a traditional metal halide lamp. Dimming technology allows further energy savings.

> Quick Ship - In Stock, Ready to Ship

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

## Performance Summary

- Energy-efficient Philips Lumileds 5050 SMD LEDs with high efficacy >150 Lm/W
- In stock and ships from several U.S. locations for quick delivery
- Better visibility than HID or fluorescent with crisp, white light in 5000K CCT
- Patented design with high quality components, excellent choice for retrofitting
- Solid State with high-shock and vibration resistance
- Designed for use in high vibration and extreme outdoor conditions
- IK09 protection rated against 10 joules of impact
- Pure AL1070 cold forging aluminum housing with black powdercoat finish
- Streamlined housing, no rough edges or scraping, with 304 stainless steel hardware
- Housing and driver compartment is one piece to maximize heat dissipation
- 1/9th LED micro color binning enables tight color control
- Hot color targeting ensures color is within ANSI bin compliance
- CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
- PMMA Shatterproof Anti-UV polycarbonate lens over the LEDs with rubber grommet
- Unique micro optic over each LED reduces glare and enhances uniformity
- Advanced, serviceable, constant current driver with 0-10V dimming
- High power factor with IC controlled LED circuits and low THD driver
- Cooling fins are added to decrease the ambient temperature
- Low junction temperature for long life and low lumen depreciation
- Instant illumination and restrike with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Horizontal and vertical angle indicators allow mounting adjustment
- 10kV surge protection standard
- 1.5' power cord whip
- Commercial CRI: RA>70
- Operating temperature: -40 to 50 degrees celsius
- 100,000 hour LED life of maintenance-free, safe operation
- IP66 rated for indoor or outdoor locations
- Certifications: CE, RoHS, IK09, ETL, cETL, DLC
- 10 year limited warranty

## Iris SP

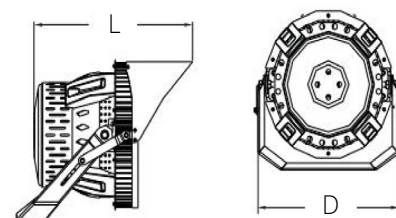
Flood & Sports Lighting  
Dimmable LED Luminaire



WDSPJ1501  
WDSPJ1601



WDSPJ1201



## Models & Options:

- WDSPJ1501: 500W - 82500 Lm - 14.6" (L) x 15.2" (D) - 36 Lbs - EPA 1.25 - 30, 60 (UNV1 & UNV2) Degrees
- WDSPJ1601: 600W - 93000 Lm - 14.6" (L) x 15.2" (D) - 36 Lbs - EPA 1.25 - 30, 45, 60 (UNV1), 15, 45 (UNV2) Degrees
- WDSPJ1201: 1200W - 162000 Lm - 17" (L) x 18.6" (D) - 57 Lbs - EPA 2.01 - 15, 60 (UNV1), 60 (UNV2) Degrees

## Ordering Information:

Part Number:

\*Adder Applies

Ordering Example: WDSPJ1601-50-60-UNV1-BK-D1-YK

Family	CCT	Optic	Voltage	Finish	Dimming	Mounting	Accessories*
WDSPJ1501 WDSPJ1601 WDSPJ1201	50 - 5000K	15 - 15 Degrees 30 - 30 Degrees 45 - 45 Degrees 60 - 60 Degrees	UNV1 - 120-277V UNV2 - 277-480V*	BK - Black	D1 - 0-10V Dim	YK - Yoke Bracket	LG - Laser Guide



Vivid Leds, Inc.  
PO BOX 9  
Sellersburg, IN 47172  
sales@vividleds.us  
www.vividleds.us

Dimensions, specifications, and product pictures are subject to change without notice.

Dimensional pictures are for reference only. They do not represent the actual fixture's shop drawing or design.

B11

## FEATURES & SPECIFICATIONS

**INTENDED USE** — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

**CONSTRUCTION** —

**Pole Shaft:** The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

**Pole Top:** Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

**Handhole:** A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

**Base Cover:** A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

**Anchor Base/Bolts:** Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

**HARDWARE** — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

**FINISH** — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets 5A and 5B classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

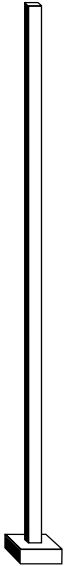
**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**INSTALLATION** — **Do not** erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

**WARRANTY** — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL





SSS Square Straight Steel Poles

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: SSS 20 5C DM19 DDBXD

SSS					
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness¹	Mounting²	Options	Finish
SSS	10'-39' (for 1/2 ft increments, add -6 to the pole height. <b>Ex:</b> 20-6 equals 20ft 6in.)  (See technical information table for complete ordering information.)	4C 4" 11g (0.120") 4G 4" 7g (0.179") 5C 5" 11g (0.120") 5G 5" 7g (0.179") 6G 6" 7g (0.179")  (See technical information table for complete ordering information.)	<u>Tenon mounting</u> PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS) T35 4" O.D. (3-1/2" NPS) <u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting³</u> DM19 1 at 90° DM28 2 at 180° DM28 PL 2 at 180° with one side plugged DM29 2 at 90° DM39 3 at 90° DM49 4 at 90° <u>CSX/DSX/RSX/AERIS™/OMERO™/KAX Drill mounting³</u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90° <u>RAD drill mounting³</u> DM19RAD 1 at 90° DM28RAD 2 at 180° DM29RAD 2 at 90° DM39RAD 3 at 90° DM49RAD 4 at 90° <u>ESX Drill mounting³</u> DM19ESX 1 at 90° DM28ESX 2 at 180° DM29ESX 2 at 90° DM39ESX 3 at 90° DM49ESX 4 at 90°	<u>Shipped installed</u> VD Vibration damper⁴ HAXy Horizontal arm bracket (1 fixture)⁵,⁶  FDLxy Festoon outlet less electrical⁵,⁷ CPL12/xy 1/2" coupling⁵ CPL34/xy 3/4" coupling⁵ CPL1/xy 1" coupling⁵ NPL12/xy 1/2" threaded nipple⁵ NPL34/xy 3/4" threaded nipple⁵ NPL1/xy 1" threaded nipple⁵ EHHxy Extra handhole⁵,⁸  STLHHC Steel handhole cover (standard is plastic, finish is smooth)⁹ FBCSTL2PC 2 Piece steel base cover (standard is plastic)⁹  IC Interior coating¹⁰ L/AB Less anchor bolts (Include when anchor bolts are not needed) TP Tamper resistant handhole cover fasteners NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) UL UL listed with label (Includes NEC compliant cover) BAA Buy America(n) Act Compliant¹¹ VM/original order# Match pole to prior order or project¹²	<u>Super durable paint colors</u> DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DGCXD Charcoal gray DTGXD Tennis green DBRXD Bright red DSBXD Steel blue DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white <u>Other finishes</u> GALV Galvanized finish <u>Architectural colors and special finishes¹³</u> [PAINT] GALV Paint over galvanizing VP30 3 year warranty extension VP53 5 year warranty extension RAL#### Use designated Lithonia Lighting nomenclature in <a href="#">brochure</a>  Custom color Nomenclature assigned through Customer Care "Custom Color Process"

- NOTES:  
1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".  
2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, specify as drilling option/tenon option. The combination includes a required extra handhole.  
Example: DM28/T20.  
3. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.  
4. On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.  
Example: Pole height is 25ft, A provision cannot be placed above 16ft.  
5. Specify location and orientation when ordering option.  
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".  
Example: 5ft = 5 and 20ft 3in = 20-3  
For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.  
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C  
6. Horizontal arm is 18" x 2-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAXyy.  
Example: HA20BD.
7. FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.  
8. Combination of tenon-top and drill mount includes extra handhole. EHH includes cover.  
9. Plastic hand hole cover and base covers come standard with all poles. Items ship separately. Additional parts can be ordered as replacements.  
10. Provides enhanced corrosion resistance. N/A with GALV.  
11. Use when mill certifications are required.  
12. Must add original order number. Not for replacement parts or post sales issues, contact tech support or post sales teams. VM is used to ensure poles match in appearance exactly from order to order, on a single project site. A common use case would be a multi-phase project with multiple orders.  
Example: VM/010-36784  
13. Must be quoted through AQD. Finishes do not require RFA. RAL colors available are shown in "Architectural Colors brochure". Lead times may be extended up to 2 weeks due to paint procurement.

Accessories: Order as separate catalog number.	
PL DT20	Plugs for ESX drillings
PL DT8	Plugs for DMxxAS drillings
FVD xxFT	Field installed vibration damper (snake style)

SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust											
Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft²) with 1.3 gust						Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	75
SSS 12 4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.1	378	11.7	293	100
SSS 16 4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	115
SSS 18 4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	125
SSS 20 4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	140
SSS 20 4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	9.5	238	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50	--	--	265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100	--	--	440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75	--	--	605

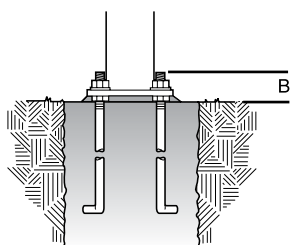
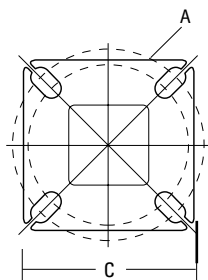
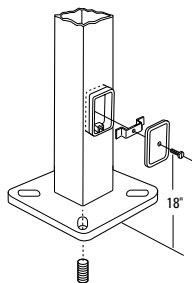
NOTE: EPA values are based ASCE 7-93 wind map.  
\* For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

TECHNICAL INFORMATION — EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013																	
Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	-	-	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	-	-	-	-	-	-	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25			205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	-	-	-	-	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	-	-	-	-	-	-	-	-	-	-	170
SSS	25	4G	5.5	138	3	75	1.5	38	-	-	-	-	-	-	-	-	245
SSS	25	5C	4.5	113	2	50	-	-	-	-	-	-	-	-	-	-	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	-	-	-	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25			445
SSS	30	4G	1.5	38	-	-	-	-	-	-	-	-	-	-	-	-	291
SSS	30	5C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	265
SSS	30	5G	6.5	163	3.5	88	1	25	-	-	-	-	-	-	-	-	380
SSS	30	6G	11	275	6	150	2.5	63	-	-	-	-	-	-	-	-	520
SSS	35	5G	2	50	-	-	-	-	-	-	-	-	-	-	-	-	440
SSS	35	6G	4	100	-	-	-	-	-	-	-	-	-	-	-	-	540
SSS	39	6G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	605

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).  
\*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

### SSS Square Straight Steel Poles

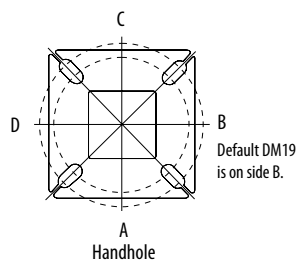
## BASE DETAIL



## ANCHORAGE AND TEMPLATE INFORMATION

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Bolt size (in. x in. x in.)	Anchor bolt and template description
4"C	8" – 9"	3.25"- 3.75"	8"- 8.25"	0.75"	ABTEMPLATE PJ50004	AB18-0	3/4 x 18 x 3	ABSSS-4C
4"G	8" – 9"	3.38"- 3.75"	8"- 8.25"	0.875"	ABTEMPLATE PJ50004	AB30-0	3/4 x 30 x 3	ABSSS-4G
5"	10" – 12"	3.5"- 4"	11"	1"	ABTEMPLATE PJ50010	AB36-0	1 x 36 x 4	ABSSS-5
6"	11" – 13"	4"- 4.50"	12.5"	1"	ABTEMPLATE PJ50011	AB36-0	1 x 36 x 4	N/A

## HANDHOLE ORIENTATION



### IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

**CAUTION:** These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.



In-Wall Timer - Spring Wound Countdown Timer, Decorator Style, 125-277 VAC, 50/60 Hz, SPST, 60 Minute Max, Without Hold, White

Item FD60MWC



PRODUCT DESCRIPTION

The FD Series Decorator Countdown Timers are designed to replace any standard or decorator style wall switch, single- or multi-gang. These mechanical timers do not require electricity to operate. They automatically limit the ON times for fans, lighting, motors, heaters and other energy consuming loads. \*NOTE: Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.

FEATURES

- ▶ 60-minute timer
- ▶ SPST (Single-Pole Single-Throw)
- ▶ No electricity required to operate
- ▶ Replaces any standard or decorator single- or multi-gang wall switch
- ▶ Automatically limits ON time for energy consuming loads
- ▶ Quick and easy installation
- ▶ Time-saving up front terminal connection with teeter-type terminals
- ▶ Breaks circuit at end of timing cycle
- ▶ Incandescent/fluorescent/CFL/LED compatible
- ▶ No neutral connection is required

APPLICATIONS

- ▶ Indoor Lighting Control
- ▶ Outdoor Lighting Control
- ▶ Motor Control
- ▶ Air Movement & Ventilation

TECHNICAL DATA

General	
Model Number	FD60MWC
Description	Spring Wound Countdown Timer, Decorator Style, 125-277 VAC, 50/60 Hz, SPST, 60 Minute Max, Without Hold, White
UPC Code	078275005068
Brand	Intermatic
Country of Origin (Intermatic)	TUNISIA
Warranty Period	1-Year limited

Control Specifications	
Operation Mode	Countdown
Countdown Time	60 min
Hold Mode Included	No
Mechanism Type	Analog/Mechanical
Application Compatibilities	Incandescent; Fluorescent; CFL; LED

Mechanical Specifications	
Wall Plate Configurations	Single-Gang; Multi-Gang

Dimensions	
Product Dimensions (H x W x D) in	4.125 x 1.75 x 1.25 in

Material Specifications

Color	White
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Load Ratings

Resistive Heater	20 A, 2500 W, 125 VAC; 10 A, 2500 W, 250 VAC; 10 A, 2770 W, 277 VAC
Tungsten (Incandescent) Range(s)	7 A, 125 VAC, 50/60 Hz, 875 W
Motor Load Ratings Ranges	1 HP, 125 VAC; 2 HP, 250 VAC

Electrical Specifications

Input Voltage Range(s)	125-277 VAC, 50/60 Hz
Wiring Configurations	Single
Switch Type	SPST
Neutral Connection Required	No

Environmental Specifications

Temperature (operation)	40 - 120 °F / 4 - 49 °C
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Packaging

Shipping Weight (lbs)	0.299
Unit Carton Dimensions (H x W x D) in	7 x 4 x 2.5 in

Standards and Certifications

CSA Certification	cCSAus
Other Certifications and Compatibilities	RU
California Proposition 65	DEHP

ACCESSORIES



FD60MPW  
Plate for 60-Min without HOLD, White  
(FD460MW, FD60MWC)



146--00045  
Knob-Wall Switch FD Series - Ivory



146--00046  
Knob-Wall Switch FD Series - White



146--00047  
Knob-Wall Switch FD Series - Almond



Electronic Timer Control - Astronomic 7-Day/365 Day 2-Circuit Electronic Control, 120-277 VAC, 2-SPST/DPST, Indoor Metal Enclosure

Item ET2825C



PRODUCT DESCRIPTION

The ET2000 Series offers an easy-to-use interface, while still allowing to-the-minute scheduling capabilities for nearly any application. This series provides 50 holiday blocks with independent scheduling to ensure the loads are always in the proper ON/OFF state. This series also includes 96 ON/OFF events for even the most demanding schedules. The scheduling capabilities, configurable outputs, and a 100-hour backup without the need of batteries, make this series ideal for nearly any application.

FEATURES

- ▶ 100-hour supercapacitor eliminates the need for batteries
- ▶ Up to 96 set points or events
- ▶ Up to 50 holiday blocks with schedule capabilities
- ▶ Automatic input voltage selection from 120 to 277 VAC, 60 Hz
- ▶ Additional mode of operation turns the ON/OFF buttons into 2-hour overrides
- ▶ Configurable outputs allow the control of various voltages and applications
- ▶ Relays incorporate zero-crossing technology to extend the life of the control
- ▶ Non-volatile EEPROM memory protects programming indefinitely
- ▶ LED compatible
- ▶ USB port makes transferring and saving of schedules easy

APPLICATIONS

- ▶ Outdoor Lighting Control
- ▶ Timing/Scheduling ON/OFF
- ▶ Machinery & Pump Controls

TECHNICAL DATA

General	
Model Number	ET2825C
Description	Astronomic 7-Day/365 Day 2-Circuit Electronic Control, 120-277 VAC, 2-SPST/DPST, Indoor Metal Enclosure
UPC Code	078275147690
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	2-Year limited
Control Specifications	
Minimum ON/OFF Times	1 min
Minimum Pulse Time	2 sec
Maximum Pulse Time	2 sec
Maximum ON/OFF Times	Indefinite
Maximum ON/OFF Operations	96
Setpoint Program Count	96
ON/OFF Operations	96
Operation Features	Astronomic; Holiday
Operation Mode	7 day
Daylight Savings Adjustment	Automatic
Backup Restoration Time	30 Minutes
Backup Type	Supercapacitor

Backup Protection Time	100 Hour
Application Compatibilities	LED

Mechanical Specifications

Enclosure Type	Indoor type 1 metal
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Dimensions

Product Dimensions (H x W x D) in	7.875 x 5.125 x 3.4375 in
Wire Size Min	#14 AWG
Wire Size Max	#8 AWG
Knockout Dimensions Bottom	(2) combination 1/2" - 3/4"
Knockout Dimensions Back	(1) combination 1/2" - 3/4"

Load Ratings

Magnetic Ballast (NO) Range(s)	20 A, 120-277 VAC
Resistive (NO) Range(s)	20 A, 28 VDC; 30 A, 120-240 VAC
Inductive Load Ratings NO Ranges	30 A, 120-240 VAC
Electronic Ballast Load Ratings NO Ranges	10 A, 120/277 VAC
Tungsten (NO) Range(s)	5 A, 120-277 VAC
Motor Load Ratings NO Ranges	1 HP, 120 VAC; 2 HP, 240 VAC

Electrical Specifications

Voltage Selection Type	Auto Voltage
Wiring Option	Terminals
Input Voltage Range(s)	120-277 VAC, 60 Hz
Number of Circuits	2
Switch Type	2xSPST, 1xDPST or Pulse
Maximum Power Consumption (W)	5 W
Electronic Series	ET2000 Series

Packaging

Shipping Weight (lbs)	2.75
Unit Carton Dimensions (H x W x L) in	8.063 x 3.188 x 5.313 in

Environmental Specifications

Temperature (operation)	-40 °F to 104 °F / (-40 °C to 40 °C)
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Standards and Certifications

UL Certification	cULus
Other Certifications and Compatibilities	LED; Title 20
California Proposition 65	Lead

DRAWINGS AND DIAGRAMS

