

CHAMPAIGN COUNTY ZONING BOARD OF APPEALS NOTICE OF REGULAR MEETING

Date: **August 29, 2013**
Time: **7:00 P.M.**
Place: **Lyle Shields Meeting Room
Brookens Administrative Center
1776 E. Washington Street
Urbana, IL 61802**

**Note: NO ENTRANCE TO BUILDING
FROM WASHINGTON STREET PARKING
LOT AFTER 4:30 PM.
Use Northeast parking lot via Lierman Ave.
and enter building through Northeast
door.**

*If you require special accommodations please notify the Department of Planning & Zoning at
(217) 384-3708*

EVERYONE MUST SIGN THE ATTENDANCE SHEET – ANYONE GIVING TESTIMONY MUST SIGN THE WITNESS FORM

AGENDA

1. Call to Order
2. Roll Call and Declaration of Quorum
3. Correspondence
4. Approval of Minutes
5. Continued Public Hearings

*Note: The full ZBA packet is now available
on-line at: www.co.champaign.il.us.*

Case 758-AM-13 and Case 759-S-13

Petitioner: **Charles Jesse**

Case 758-AM-13 Request: **Amend the Zoning Map to change the zoning district designation from the AG-1 Agriculture Zoning District to the B-1 Rural Trade Center Zoning District in order to authorize the proposed Special Use in related zoning Case 759-S-13, on the subject property below.**

*Case 759-S-13 Request: **Authorize the following as a Special Use in the B-1 Rural Trade Center Zoning District on the subject property below:**

Part A. Authorize multiple principal uses and buildings on the same lot consisting of (1) a heating and cooling contractors facility with accessory outdoor storage that was originally authorized by Case 970-S-95; and (2) Self-Storage Warehouses, providing heat and utilities to individual units as a special use.

Part B. Authorize the construction and use of Self-Storage Warehouses, providing heat and utilities to individual units as a special use.

Location: **A 11.28-acre tract that is all that portion of the South Half of the Southwest Quarter lying East of the centerline of the Kaskaskia Special Drainage Ditch in Section 33 of Champaign Township and commonly known as Jesse Heating and Air Conditioning at 3702 West Old Church Road, Champaign.**

6. New Public Hearings
7. Staff Report
8. Other Business
 - A. Review of Docket
 - B. Reminder: September 12, 2013, meeting cancellation
9. Audience Participation with respect to matters other than cases pending before the Board
10. Adjournment

*** Administrative Hearing. Cross Examination allowed.**

**CHAMPAIGN COUNTY ZONING BOARD OF APPEALS
NOTICE OF CANCELLATION OF REGULAR MEETING**

Date: September 12, 2013
Time: 7:00 P.M.
Place: Lyle Shields Meeting Room
Brookens Administrative Center
1776 E. Washington Street
Urbana, IL 61802

*Note: NO ENTRANCE TO BUILDING
FROM WASHINGTON STREET PARKING
LOT AFTER 4:30 PM.
Use Northeast parking lot via Lierman Ave.
and enter building through Northeast
door.*

*If you require special accommodations please notify the Department of Planning & Zoning at
(217) 384-3708*

EVERYONE MUST SIGN THE ATTENDANCE SHEET – ANYONE GIVING TESTIMONY MUST SIGN THE WITNESS FORM

AGENDA

**The Thursday, September 12, 2013
Meeting of the
Champaign County
ZONING BOARD OF APPEALS
HAS BEEN
CANCELLED**

**The next regularly scheduled meeting of the Zoning Board of Appeals is
Thursday, September 26, 2013
7:00 p.m.
Lyle Shields Meeting Room**

The Department of Planning and Zoning regrets any inconvenience.
Please call 384-3708 with any questions.

CASE NO. 758-AM-13

SUPPLEMENTAL MEMORANDUM

August 23, 2013

Petitioners: **Charles Jesse**

Champaign
County
Department of

**PLANNING &
ZONING**

Brookens
Administrative Center
1776 E. Washington Street
Urbana, Illinois 61802

(217) 384-3708

Site Area: **11.28 acres**

Time Schedule for Development: **As Soon
As Approval Is Given**

Prepared by: **Andy Kass**
Associate Planner

John Hall
Zoning Administrator

Request: **Amend the Zoning Map to change the zoning district designation from the AG-1 Agriculture Zoning District to the B-1 Rural Trade Center Zoning District in order to authorize the proposed Special Use in related zoning Case 759-S-13.**

Location: **An 11.28 acre tract that is all that portion of the South Half of the Southwest Quarter lying East of the centerline of the Kaskaskia Special Drainage Ditch in Section 33 of Champaign Township and commonly known as Jesse Heating and Air Conditioning at 3702 West Old Church Road Champaign.**

STATUS

This case is continued from the July 25, 2013, public hearing.

An email from Jeff Marino, Planner II, City of Champaign is attached. The email indicates that the City of Champaign voted to formally protest the proposed rezoning.

FINDING OF FACT

Because of the level of coordination required for Cases 758-AM-13 and 759-S-13 Staff has chosen not to send out an incomplete Finding of Fact at this time. A Draft Finding of Fact will be available at the August 29, 2013, public hearing.

ATTACHMENTS

- A Email from Jeff Marino, Planner II, City of Champaign, to Andy Kass, Associate Planner, Champaign County, dated August 21, 2013

Andrew Kass

From: Marino, Jeff [jeff.marino@ci.champaign.il.us]
Sent: Wednesday, August 21, 2013 11:15 AM
To: John Hall; Andrew Kass
Cc: Bruce Knight
Subject: City of Champaign Protest for the Jesse Heating and Cooling Rezoning

Andy and John,

The City of Champaign approved the protest last night at the City Council meeting for the rezoning of the Jesse Heating and Air Conditioning property. I wanted to give you guys a heads up, but we'll be sending a formal letter signed by the Mayor within the next couple of days.

Let me know if you have any questions,
Jeff Marino
Planner II
Planning Department
City of Champaign

--
Jeff Marino, AICP
Planner II
Planning and Development Department
City of Champaign
217-403-8800

CASE NO. 759-S-13

SUPPLEMENTAL MEMORANDUM

August 23, 2013

Champaign
County
Department of



Brookens
Administrative Center
1776 E. Washington Street
Urbana, Illinois 61802

(217) 384-3708

Petitioners: Charles Jesse

Request: Authorize the following as a Special Use in the B-1 Rural Trade Center Zoning District on the subject property below:

Part A. Authorize multiple principal uses and buildings on the same lot consisting of (1) a heating and cooling contractors facility with accessory outdoor storage that was originally authorized by Case 970-S-95 and (2) Self-Storage Warehouses, providing heat and utilities to individual units as a special use.

Part B. Authorize the construction and use of Self-Storage Warehouses, providing heat and utilities to individual units as a special use.

Location: An 11.28 acre tract that is all that portion of the South Half of the Southwest Quarter lying East of the centerline of the Kaskaskia Special Drainage Ditch in Section 33 of Champaign Township and commonly known as Jesse Heating and Air Conditioning at 3702 West Old Church Road Champaign.

Site Area: 11.28 acres

Time Schedule for Development: Existing and As Soon As Approval Is Given

Prepared by: **Andy Kass**
Associate Planner

John Hall
Zoning Administrator

STATUS

This case is continued from the July 25, 2013, public hearing.

REVISED SITE PLAN

The petitioner has revised the site plan to accommodate the drainage district easement which has been reported to be 30 feet by Jeff Tock, Attorney for the Kaskaskia Special Drainage District. No significant changes have been proposed. The fencing along the ditch will not be installed because the petitioner believes the drainage ditch is sufficient for security purposes. The proposed screening has been moved to the east so that it is out of the drainage district easement. The detention basin has also been moved further to the east so that it will not encroach into the easement.

TRAFFIC IMPACT ASSESSMENT (TIA)

Staff from the Champaign-Urbana Urbanized Area Transportation Study (CUUATS) have reviewed the proposed Special Use and have determined that a Traffic Impact Analysis (TIA) is not warranted

based on the minimal amount of trips generated during the week and the estimated 83 trips generated on a weekend day (see Attachment D).

EXTERIOR LIGHTING

On August 12, 2013, the petitioner submitted information documenting that the proposed exterior lighting will comply with the requirement that exterior lighting be full-cutoff lighting (Section 6.1.2). The diagrams submitted only review the exterior lighting for the proposed first phase of the project. For subsequent phases the petitioner will have to provide similar information (see Attachment B).

TOLONO TOWNSHIP ROAD COMMISSIONER

The Tolono Township Road Commissioner was sent notice of this Case and related Case 758-AM-13 on July 31, 2013. On August 22, 2013, Andy Kass, Associate Planner, Champaign County, spoke with Bradley Clemmons, Tolono Township Road Commissioner, regarding these cases. Mr. Clemmons expressed no concerns about traffic resulting from the proposed use or any visibility issues in regards to the entrance of the subject property and the I-57 overpass to the east.

STORMWATER MANAGEMENT

The Preliminary Memorandum dated July 19, 2013, incorrectly stated that stormwater management would not need to be provided until the construction of Phase II of the proposed development. Staff has determined that the amount of impervious surface proposed in Phase I will require stormwater management because it exceeds more than 1-acre within a 90,000 square feet rectangular area.

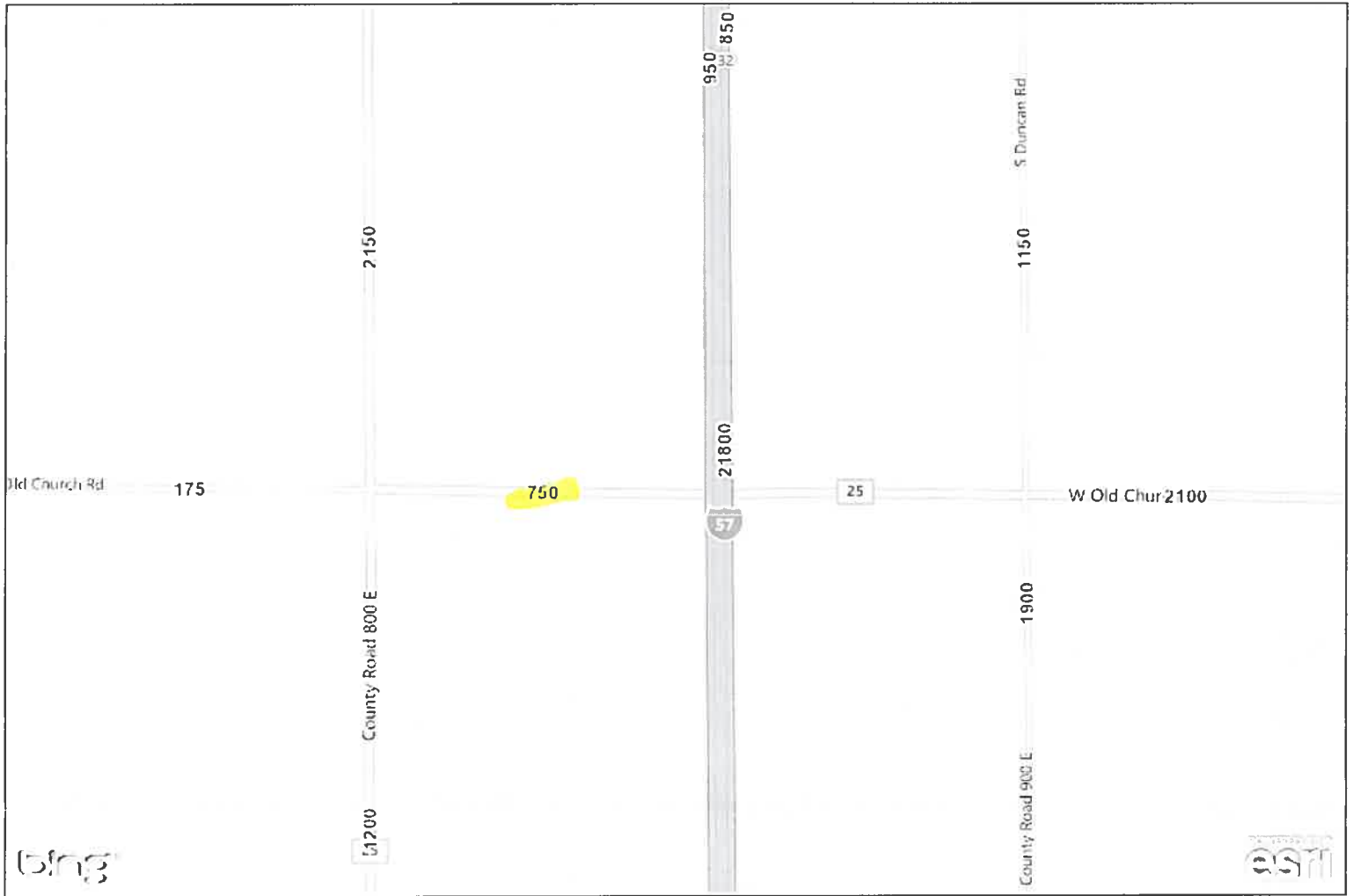
SUMMARY OF EVIDENCE

Because of the level of coordination required for Cases 758-AM-13 and 759-S-13 Staff has chosen not to send out an incomplete Summary of Evidence at this time. A Draft Summary of Evidence will be available at the August 29, 2013, public hearing.

ATTACHMENTS

- A Revised Site Plan received August 8, 2013 (included separately)
- B Exterior Lighting Layout received August 14, 2013 (included separately)
- C AADT Information from Keith Padgett. Champaign Township Road Commissioner, received July 28, 2013
- D Email from Rita Black, Planning and Community Development Director, CCRPC, dated August 14, 2013

Traffic Count



Created by Illinois DOT, 7/26/2013

AKASS@CO.CHAMPAIGN.IL.US

384-3708

1776 E. WASHINGTON STREET

URBANA, IL 61802

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CHAMPAIGN CO. P & Z DEPARTMENT

Andrew Kass

From: Rita Morocoima-Black
Sent: Wednesday, August 14, 2013 3:50 PM
To: Andrew Kass
Subject: RE: Requested Rezoning and Special Use Permit

Hi Andy,

Sharif did a general review of the memo that you sent me and he found out that for Self Storage facilities, the number of weekday peak hour trips generated would be minimal. A TIA will not be warranted. He estimated that 392 units would produce approximately 83 trips on a weekend day (Saturday). If you want, we can put together a short technical memo explaining all this.

Please, let me know.

Thanks,
Rita



Rita Morocoima-Black
Planning and Community Development Director
1776 E. Washington Street | Urbana, Illinois 61802
P: 217.819.4056 | www.ccrpc.org

 Think before you print.

From: Andrew Kass
Sent: Wednesday, August 07, 2013 2:37 PM
To: Rita Morocoima-Black
Subject: RE: Requested Rezoning and Special Use Permit

Sounds good. These cases aren't back to the ZBA until August 29th.

Andy Kass
Associate Planner
Champaign County Dept. of Planning & Zoning
1776 E. Washington St.
Urbana, IL 61802
(217) 384-3708
akass@co.champaign.il.us

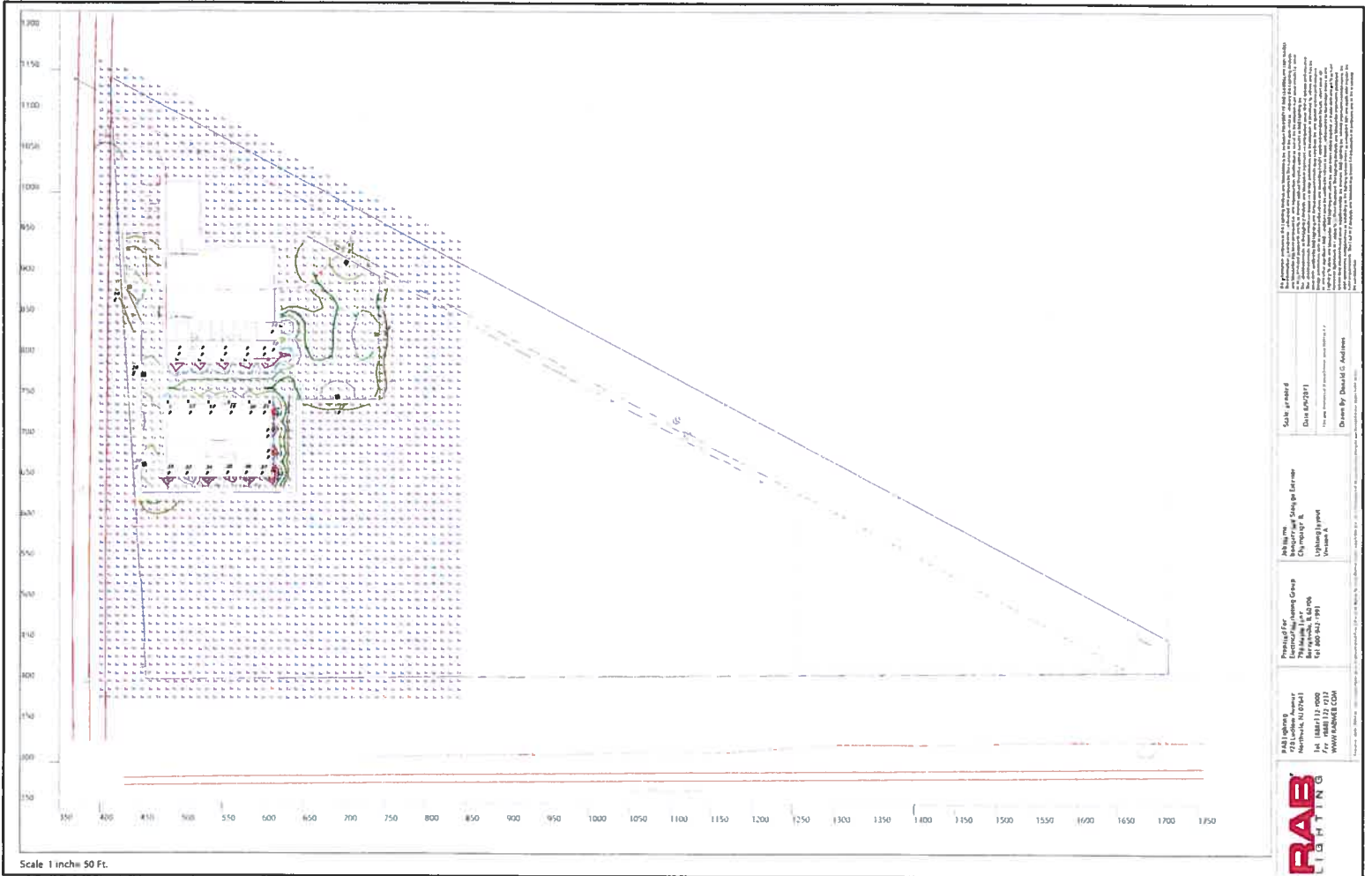
From: Rita Morocoima-Black
Sent: Wednesday, August 07, 2013 2:28 PM
To: Andrew Kass
Subject: RE: Requested Rezoning and Special Use Permit

Hi Andy,
I was on vacation the last two weeks. I'll get back to you on this item by Friday, August 9th.

Thanks,
Rita



Rita Morocoima-Black
Planning and Community Development Director
1776 E. Washington Street | Urbana, Illinois 61802
P: 217.819.4056 | www.ccrpc.org



The Engineer, architect or lighting designer shall be responsible for obtaining all necessary permits and approvals from the local, state and federal agencies. The Engineer, architect or lighting designer shall be responsible for obtaining all necessary permits and approvals from the local, state and federal agencies. The Engineer, architect or lighting designer shall be responsible for obtaining all necessary permits and approvals from the local, state and federal agencies.

Scale provided
 Date 02/21/11
 Drawn By Donald G. Anderson

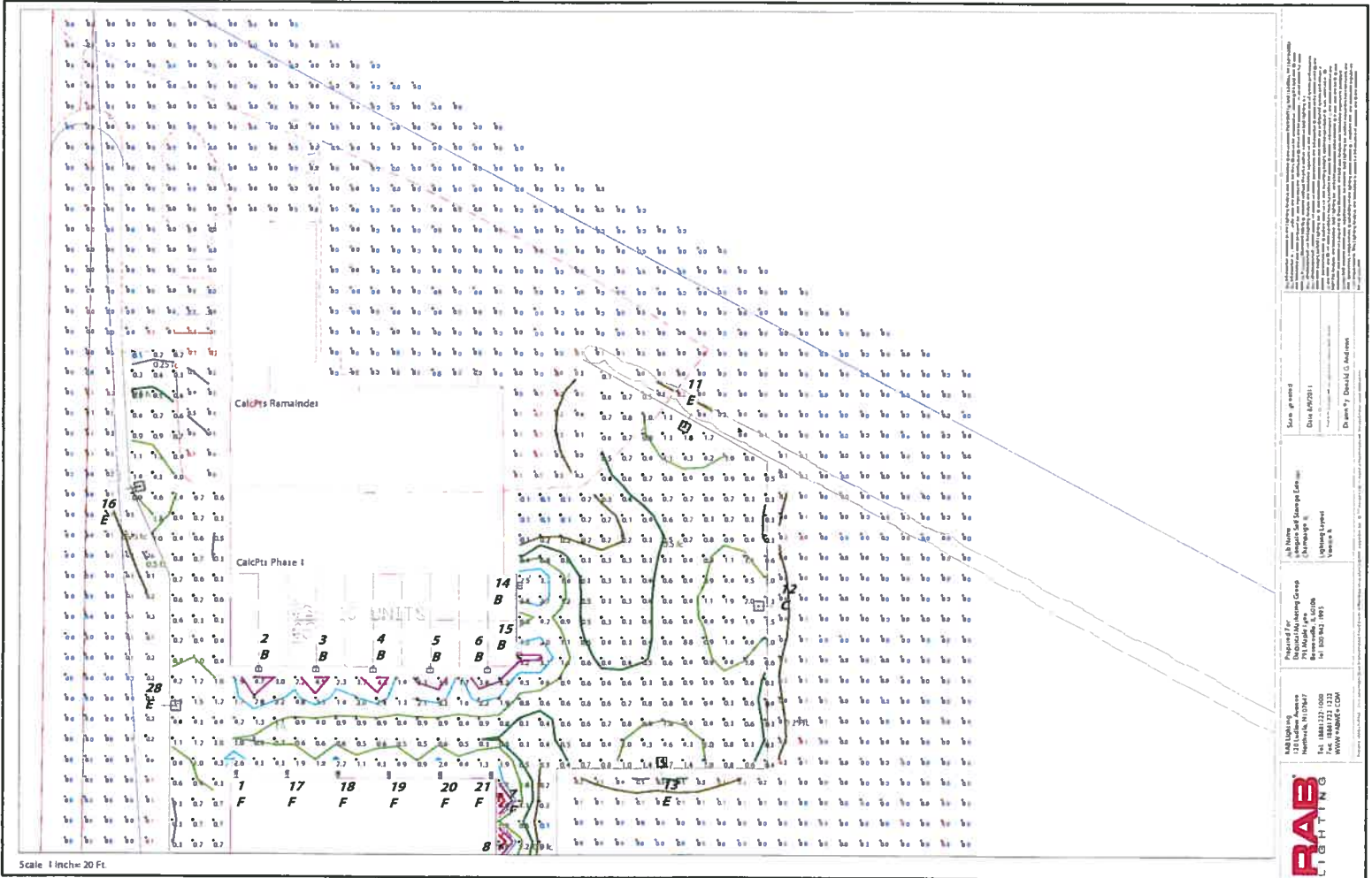
Job Title: Lighting Designer
 Company: Lighthouse Lighting
 Location: Vermont, VT

Project of Record
 The Mountain Inn
 100 Mountain Inn Rd
 North Ferrisburgh, VT 05761

RAB Lighting Inc.
 14400 W. 26th Ave.
 Aurora, CO 80011
 Tel: (303) 741-0000
 Fax: (303) 741-0117
 WWW.RABLIGHTING.COM



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Prepared For:
 Planning Group
 771 S. Main Street
 Champaign, IL 61820
 Tel: (847) 232-1000
 Fax: (847) 232-1132
 WWW.RABLIGHTING.COM

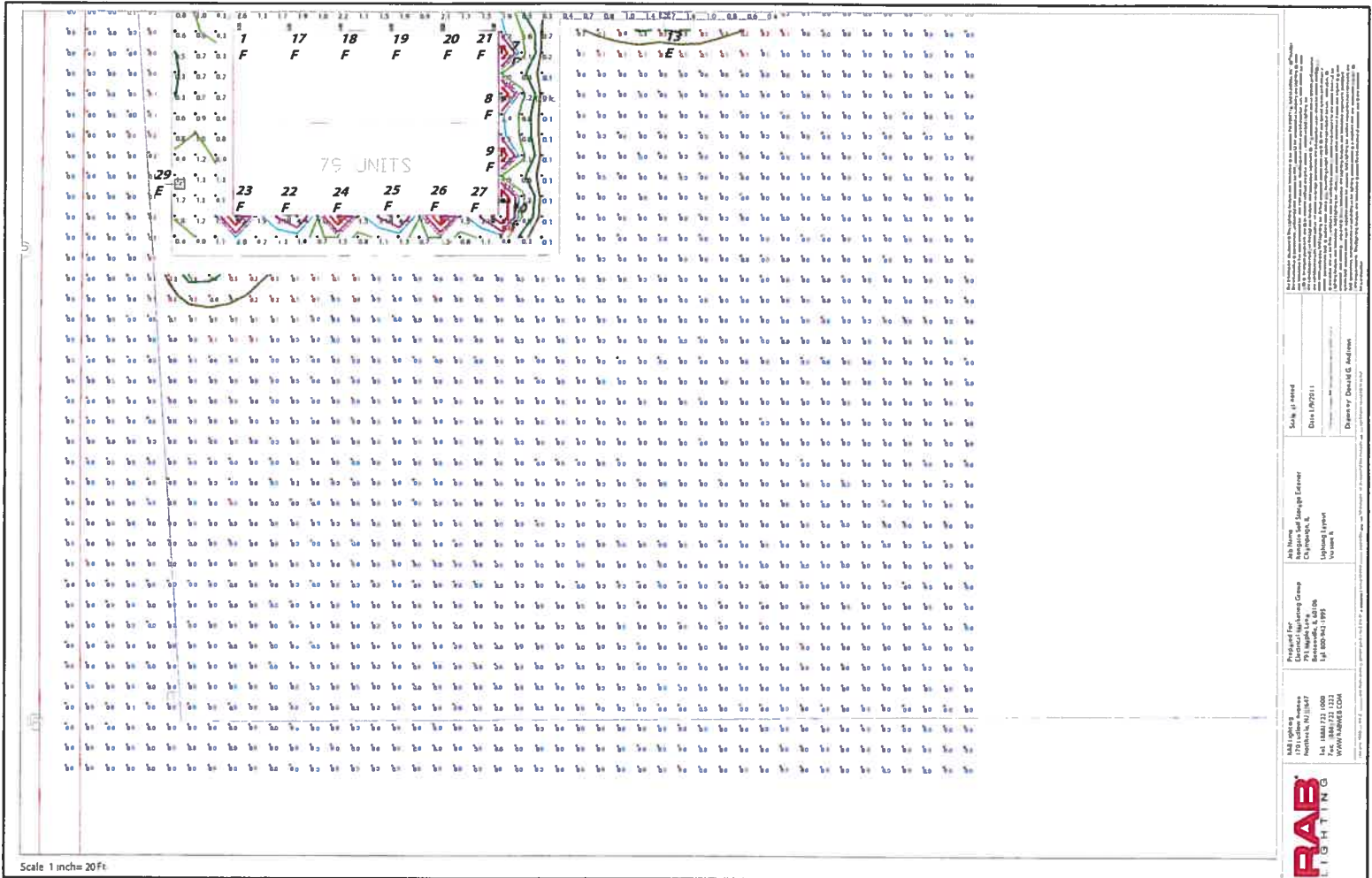
Prepared By:
 RAB Lighting, Inc.
 1000 W. 14th Street
 Northbrook, IL 60062
 Tel: (847) 232-1000
 Fax: (847) 232-1132
 WWW.RABLIGHTING.COM

Date: 8/20/11
 Drawn By: David G. Anderson

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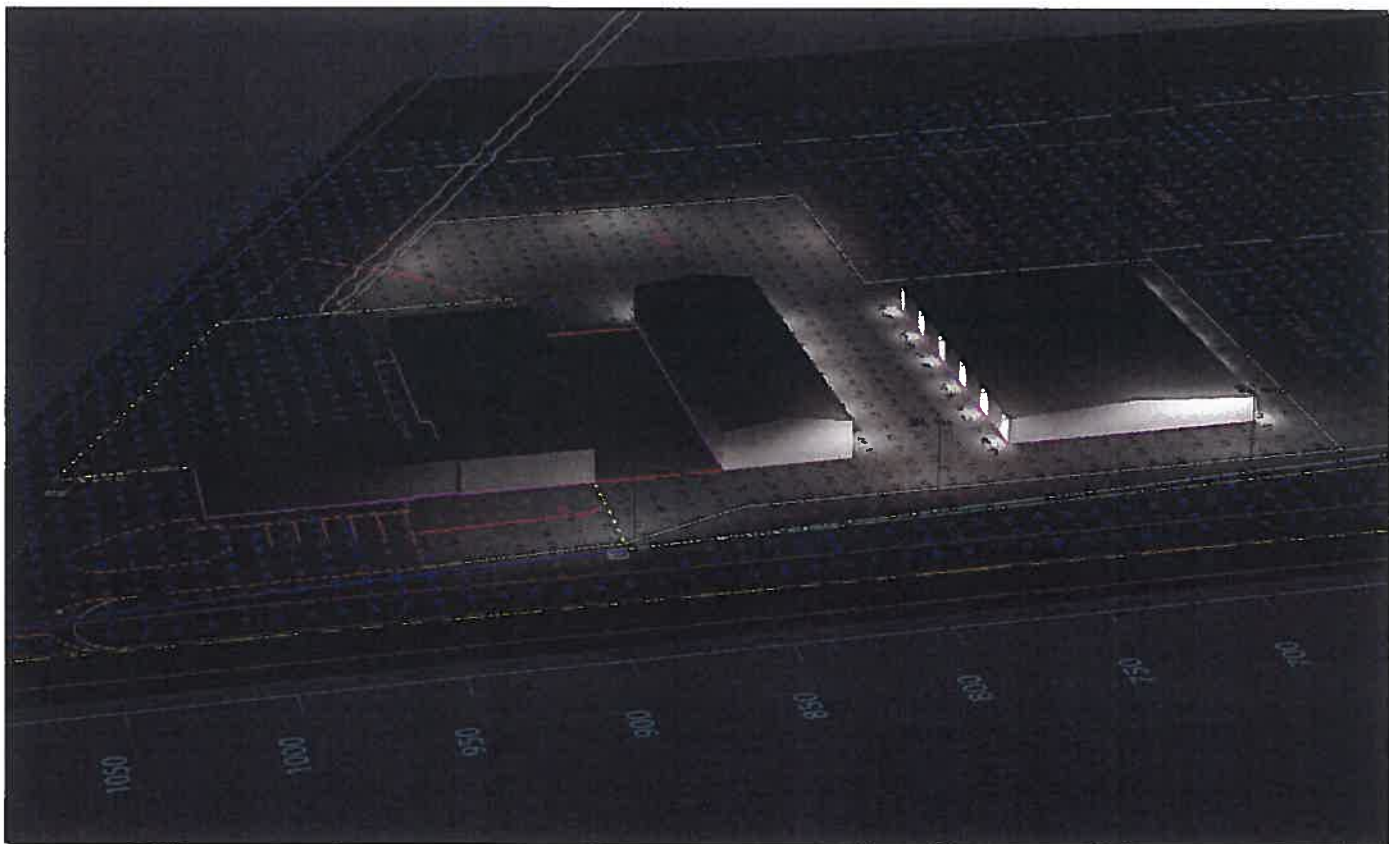
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Perspective View

As shown in this rendering, the proposed building is a three-story structure with a total area of approximately 100,000 square feet. The building is designed to be a modern, multi-use facility that will serve the community. The rendering shows the building from a perspective view, highlighting its unique architectural features and the way it will be illuminated at night. The building is located on a site that is currently undeveloped, and the rendering shows how it will fit into the surrounding area. The rendering is a key part of the project's marketing and public relations efforts, and it is intended to provide a clear and accurate representation of the proposed building. The rendering is a high-quality, professional-quality image that is suitable for use in a variety of contexts, including print and digital media. The rendering is a valuable asset for the project, and it is an important part of the overall design and construction process. The rendering is a key part of the project's marketing and public relations efforts, and it is intended to provide a clear and accurate representation of the proposed building. The rendering is a high-quality, professional-quality image that is suitable for use in a variety of contexts, including print and digital media. The rendering is a valuable asset for the project, and it is an important part of the overall design and construction process.

Scale as noted
 Date: 07/2013
 Drawn by: Daniel G. Anderson

Job Name: **Champaign, IL**
 Client: **Champaign, IL**
 10/10/13 Legend
 Version: 8

Prepared For: **Champaign, IL**
 700 Main Street
 Champaign, IL 61810
 Tel: 847.241.1000
 Fax: 847.241.1001
 WWW.RABELECTRA.COM



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Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description	P15pct	P15pctb	Meter Type
CalcPts Phase 1	Illuminance	Fc	1.11	7.3	0.1	11.10	73.00	Readings taken @ 0'-0" AFG	10	10	Horizontal
CalcPts Remainder	Illuminance	Fc	0.02	0.7	0.0	N.A.	N.A.	Readings taken @ 0'-0" AFG	10	10	Horizontal

Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	Description	Lum. Watts	Total Watts	Filename
B	7	B	SINGLE	1816	1.000	WPLED26 / ALED26	30	210	WPLED26-Cool-ITL66653 IES
I	1	I	SINGLE	5456	1.000	ALED4T78	90.9	90.9	ALED4T78-Cool-ITL69952 IES
E	5	E	SINGLE	9939	1.000	ALED3T78	90.6	453	ALED3T78-Cool-ITL69950 IES
F	16	F	SINGLE	1066	1.000	WPLED13	14.9	238.4	WPLED13-Cool-LSI26948 IES

LumNo	Label	X	Y	MTG HT	Orient	Tilt	
1	F	483.368	740.755	0	90	0	
2	B	494.416	795.721	14	170	0	
3	B	522.416	795.721	14	170	0	
4	B	550.416	795.722	14	270	0	
5	B	578.416	795.722	14	270	0	
6	B	606.416	795.722	14	270	0	
7	F	610.803	732.864	0	360	0	
8	F	610.803	707.864	0	360	0	
9	F	610.803	682.864	0	360	0	
10	F	610.803	657.864	0	360	0	
11	E	706.628	919.938	27.5	240	945	0
12	C	746.78	825.567	27.5	180	0	
13	E	691.964	741.951	27.5	90	0	
14	B	620.501	835.46	14	360	0	
15	B	620.501	801.46	14	360	0	
16	E	428.661	882.008	27.5	11	31	0
17	F	508.368	740.755	0	90	0	
18	F	533.368	740.755	0	90	0	
19	F	558.368	740.755	0	90	0	
20	F	583.368	740.755	0	90	0	
21	F	608.368	740.755	0	90	0	
22	F	508.368	650.762	0	270	0	
23	F	483.368	650.762	0	270	0	
24	F	533.368	650.762	0	270	0	
25	F	558.368	650.761	0	270	0	
26	F	583.368	650.761	0	270	0	
27	F	608.368	650.761	0	270	0	
28	E	446.218	775.97	27.5	0	0	
29	E	446.986	665.85	27.5	0	0	

Total Quantity 29



B: WPLED26



F: WPLED13



C: ALED4T78



E: ALED3T78



PS4-07-2SD2

NOTE: PROPOSED POLES TO BE MOUNTED ON 30" TALL CONCRETE BASE. BASE TO BE DESIGNED BY OTHERS.

NOTES

* The Lightfoot (LLF) is a product of many variables, only luminaire data tables (LDT) files were applied to the calculation. Verify all luminaire data tables (LDT) files used in the calculation.

* Information values shown in this report reflect the product data sheets for the luminaire. Actual results may vary from the reported values due to field conditions and installation.

* The calculated results of the lighting simulation represent an anticipated prediction of system performance. Actual results may vary from the reported values due to field conditions and installation.

* Mounting height of luminaire is job site specific. The lighting simulation assumes a mounting height of 30 feet. Verify the mounting height of the luminaire at the time of the simulation. Verify the mounting height of the luminaire at the time of the simulation.

* RAB Lighting, Inc. reserves all product designs, are protected under U.S. and International Intellectual Property Law. Reproduction is prohibited without written permission.

Job Name: ...
 Job Number: ...
 Date: 8/1/2013
 Drawn By: David J. G. Anderson

Scale: N.T.S.
 Date: 8/1/2013
 Drawn By: David J. G. Anderson

Job Name: ...
 Job Number: ...
 Date: 8/1/2013
 Drawn By: David J. G. Anderson

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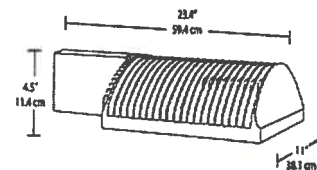
CHAMPAIGN CO. P & Z DEPARTMENT

ALED3T78

Specification Grade Area lights available in IES Type II, III and IV distributions. For use in parking lots, roadways, pathways and general area lighting. Mounts to 4" square steel poles at 15-25'. Designed to replace 250W Metal Halide Area Lights. Patent Pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 30.4 lbs



LED Info

Watts: 78W
 Color Temp: 5100K (Cool)
 Color Accuracy: 68
 L70 Lifespan: 100000
 LM79 Lumens: 4,959
 Efficacy: 55 LPW

Driver Info

Type: Constant Current
 120V: 0.78 A
 208V: 0.50 A
 240V: 0.44 A
 277V: 0.38 A
 Input Watts: 91W
 Efficiency: 86%

Technical Specifications

Lumen Maintenance:

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

IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

IP Rating:

Ingress Protection rating of IP66 for dust and water.

LEDs:

Six (6) multi-chip, 13W, high-output, long-life LEDs.

Drivers:

Three drivers, constant current, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .04 Amps.

Fixture Efficacy:

55 Lumens per Watt.

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Surge Protection:

6 KV.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Superior heat sinking with external Air-Flow fins.

Effective Projected Area:

EPA = 0.75.

Housing:

Die cast aluminum housing, lens frame and mounting arm.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Accuracy:

68 CRI.

Color Temperature (Nominal CCT):

5100K.

Color Uniformity:

RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Reflector:

Specular aluminum.

Gaskets:

High temperature silicone gaskets.

Finish:

Chip and fade resistant polyester powder coat finish.

Green Technology:

Mercury and UV free.

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CHAMPAIGN CO. P & Z DEPARTMENT

RAB
LIGHTING

Tech Help Line: 888 RAB-1000

Email: sales@rabweb.com

On the web at: www.rabweb.com

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Note: Specifications are subject to change without notice

Page 1 of 2

ALED3T78 - continued

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Replacement:

The ALED78 replaces 250W Metal Halide Area Lights.

California Title 24:

ALED78 complies with California Title 24 building and electrical codes.

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. See our full warranty .

Patents:

The ALED design is protected by patents in the U.S., Canada, China, and Mexico. Pending patents in Taiwan.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

UL Listing:

Suitable for wet locations as a downlight.

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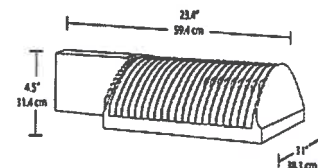


ALED4T78

Specification Grade Area lights available in IES Type II, III and IV distributions. For use in parking lots, roadways, pathways and general area lighting. Mounts to 4" square steel poles at 15-25'. Designed to replace 250W Metal Halide Area Lights. Patent Pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 31.0 lbs



LED Info

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 Color Temp: 5100K (Cool)
 Color Accuracy: 68
 L70 Lifespan: 100000
 LM79 Lumens: 5,456
 Efficacy: 60 LPW

Driver Info

Type: Constant Current
 120V: 0.78 A
 208V: 0.50 A
 240V: 0.44 A
 277V: 0.38 A
 Input Watts: 91W
 Efficiency: 86%

Technical Specifications

UL Listing:

Suitable for wet locations as a downlight.

Lumen Maintenance:

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

IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Effective Projected Area:

EPA = 0.75.

LEDs:

Six (6) multi-chip, 13W, high-output, long-life LEDs.

Drivers:

Three drivers, constant current, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .04 Amps.

Fixture Efficacy:

60 Lumens per Watt.

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Surge Protection:

6 KV.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Superior heat sinking with external Air-Flow fins.

Housing:

Die cast aluminum housing, lens frame and mounting arm.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Accuracy:

68 CRI.

Color Temperature (Nominal CCT):

5100K.

Color Uniformity:

RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Reflector:

Specular aluminum.

Gaskets:

High temperature silicone gaskets.

Finish:

Chip and fade resistant polyester powder coat finish.

Green Technology:

Mercury and UV free.

RECEIVED

AUG 12 2013

CHAMPAIGN CO. P & Z DEPARTMENT

RAB
LIGHTING

Tech Help Line: 888 RAB-1000

Email: sales@rabweb.com

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Page 1 of 2

ALED4T78 - continued

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Replacement:

The ALED78 replaces 250W Metal Halide Area Lights.

California Title 24:

ALED78 complies with California Title 24 building and electrical codes.

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. See our full warranty .

Patents:

The ALED design is protected by patents in the U.S., Canada, China, and Mexico. Pending patents in Taiwan.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

DLC Listed:

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

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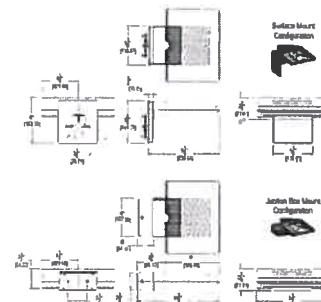
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WPLED26

26 Watt LED Wallpack. Equivalent to 175W MH wallpack. Includes both junction box and surface mount for recessed box. IESNA Full Cutoff, Fully Shielded optics. 5 Year warranty.

Color: Bronze

Weight: 7.5 lbs



LED Info

Watts: 26W
 Color Temp: 5000K (Cool)
 Color Accuracy: 66
 L70 Lifespan: 100000
 LM79 Lumens: 1,816
 Efficacy: 61 LPW

Driver Info

Type: Constant Current
 120V: 0.26 A
 208V: 0.16 A
 240V: 0.14 A
 277V: 0.12 A
 Input Watts: 30W
 Efficiency: 87%

Technical Specifications

UL Listing:

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

Lumen Maintenance:

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

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Finish:

Chip and fade resistant polyester powder coat finish.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Fixture Efficacy:

61 Lumens per Watt.

Color Accuracy:

66 CRI.

Color Temperature (Nominal CCT):

5000K.

Driver:

Multi-chip 26W high output long life LED Driver
 Constant Current, 720mA, Class 2, 6 KV Surge Protection, 100V-277V, 50-60 Hz, 100-240V .4 Amps.

Cold Weather Starting:

The minimum starting temperature is -40°C.

Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The LPACK is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

California Title 24:

WPLED complies with California Title 24 building and electrical codes.

Equivalency:

The WPLED26 is Equivalent in delivered lumens to a 175W Metal Halide Wallpack.

HID Replacement Range:

The WPLED26 can be used to replace 150 - 200W Metal Halide Wallpacks based on delivered lumens.

Green Technology:

RAB LEDs are Mercury, Arsenic and UV free.

Patents:

The WPLED design is protected by U.S. PATENT D608,040 and patents pending in the U.S., Canada, China, Taiwan and Mexico.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

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WPLED26 - continued

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

DLC Listed:

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

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WPLED13

13 Watt high performance LED Wallpack with 5 conduit entry points. Equivalent to 150W MH. Includes both junction box and surface mount for recessed box. IESNA Full Cutoff, Fully shielded optics. Mount at 11-20'. 5 year warranty.

Color: Bronze

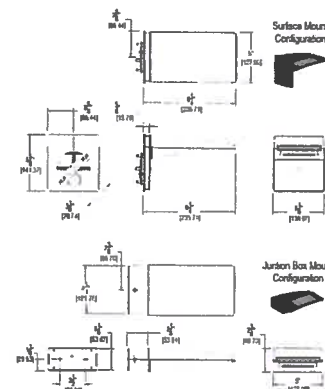
Weight: 3.3 lbs

LED Info

Watts: 13W
 Color Temp: 5000K (Cool)
 Color Accuracy: 66
 L70 Lifespan: 100000
 LM79 Lumens: 1,064
 Efficacy: 71 LPW

Driver Info

Type: Constant Current
 120V: 0.13 A
 208V: 0.08 A
 240V: 0.07 A
 277V: 0.06 A
 Input Watts: 15W
 Efficiency: 87%



Technical Specifications

UL Listing:

Suitable for Wet Locations as a Downlight. Suitable for Damp Locations as an Uplight. Wall Mount only. Suitable for Mounting within 4ft. of ground.

Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Ambient Temperature:

Suitable for use in 50°C (122°F) ambient temperatures.

Driver:

Multi-chip 13W high output long life LED Driver
 Constant Current, Class 2 100V - 277V, 50/60 Hz.

Surge Protection:

4kv.

Color Temperature (Nominal CCT):

5000K.

Fixture Efficacy:

71 Lumens per Watt.

Color Accuracy:

66 CRI.

Finish:

Chip and fade resistant polyester powder coat finish.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2008.

Green Technology:

RAB LEDs are Mercury and UV free.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Patents:

The design of the LPACK is protected by U.S. Pat. D604,004 and patents pending in Canada, China and Taiwan.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Gaskets:

High Temperature Silicone.

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Page 1 of 2

WPLED13 - continued

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. See our full warranty .

Equivalency:

The WPLED13 is Equivalent in delivered lumens to a 100W Metal Halide Wallpack.

HID Replacement Range:

The WPLED13 can be used to replace 70-150W Metal Halide Wallpacks based on delivered lumens.

DLC Listed:

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

Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

GSA Schedule:

This product is suitable for listing on the GSA Schedule of the US General Services in accordance with FAR Subpart 25.4.

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PS4-07-25D2

Square steel poles drilled for 2 Area Lights at 180°. Designed for ground mounting. Poles are stocked nationwide for quick shipment. Protective packaging ensures poles arrive at the job site good as new.

Color: Bronze

Weight: 240.0 lbs

Lamp Info

Type: N/A
Watts: 0W
Shape/Size: N/A
Base: N/A
ANSI: N/A
Hours: 0
Lamp Lumens: 0
Efficacy: N/A

Ballast Info

Type: N/A
120V: N/A
208V: N/A
240V: N/A
277V: N/A
Input Watts: 0W
Efficiency: N/A

Technical Specifications

CSA Listed:

Suitable for wet locations.

Shaft:

46,000 p.s.i. minimum yield.

Hand Holes:

Reinforced with grounding lug and removable cover.

Base Plates:

36,000 p.s.i. minimum yield.

Shipping Protection:

All poles are shipped in individual corrugated cartons to prevent finish damage.

Color:

Bronze powder coating.

Terms of Sale:

Pole Terms of Sale is available .

Height:

25 FT.

Weight:

240 lbs.

Gauge:

7.

Wall Thickness:

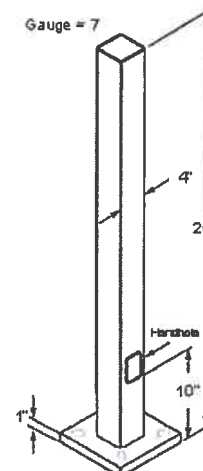
3/16".

Shaft Size:

4".

Hand Hole Dimensions:

3" x 6".



Bolt Circle:

9".

Base Dimension:

10".

Anchor Bolt:

Galvanized anchor bolts and galvanized hardware and anchor bolt template. All bolts have a 3" hook.

Anchor Bolt Templates:

WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available .

Pre-Shipped Anchor Bolts:

Bolts can be pre-shipped upon request for additional freight charge.

MaxEPA's/Max Weights:

70MPH 10.7 ft_/245 lb
80MPH 7.2 ft_/165 lb
90MPH 4.7 ft_/110 lb
100MPH 2.9 ft_/65 lb
110MPH 1.4 ft_/35 lb
120MPH 0.3 ft_/10 lb.

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