



DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. _____

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING: _____

CITY ENGINEER: _____

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE)¹
- PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE)¹
- FINAL PLAT (\$300.00 + \$20.00 ACRE)¹
- REPLAT (\$300.00 + \$20.00 ACRE)¹
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

SITE PLAN APPLICATION FEES:

- SITE PLAN (\$250.00 + \$20.00 ACRE)¹
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE)¹
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE)^{1 & 2}
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE)¹

OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00)²

NOTES:

¹ IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
² A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS **CORPORATE CROSSING**

SUBDIVISION **REMAINDER OF MAK SPOT REAL ESTATE LLC** LOT _____ BLOCK _____

GENERAL LOCATION **LOT ON SPRINGER ROAD JUST EAST OF THE INTERSECTION AT CORPORATE CROSSING**

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING **PD-46**

CURRENT USE **VACANT LOT**

PROPOSED ZONING _____

PROPOSED USE **OFFICE + INDOOR VEHICLE SHOWROOM**

ACREAGE **1.99 ACRES**

LOTS [CURRENT] _____

LOTS [PROPOSED] _____

SITE PLANS AND PLATS: BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

OWNER

APPLICANT

DB CONSTRUCTORS, INC

CONTACT PERSON _____

CONTACT PERSON

MATTHEW J PETERSON, AIA

ADDRESS _____

ADDRESS

2400 GREAT SOUTHWEST PARKWAY

CITY, STATE & ZIP _____

CITY, STATE & ZIP

FORT WORTH, TX 76106

PHONE _____

PHONE

972.837.6244

E-MAIL _____

E-MAIL

MATTHEW@DBCONSTRUCTORS.COM

NOTARY VERIFICATION [REQUIRED]

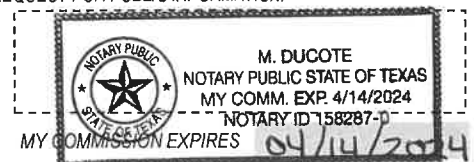
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Joel Burch [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ 290.00 TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 16th DAY OF JUNE, 2023 BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 16th DAY OF June, 2023

OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS



SP2023-021: Site Plan for Interstate Classic Cars



CORPORATE GROSSING

LI

SPRINGER RD



PD-46

276

G

SFE-1.5

PD-45

Case Location Map =



City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.





Henry Lee, AICP
Senior Planner
Planning and Zoning Department
385 S Goliad Street
Rockwall, TX 75087
HLee@rockwall.com
972.7726434

15 June 2023

RE : Interstate Classic Cars, Springer Road | Site Plan Submittal

Henry,

First, thank you for all the guidance you have provided to us during the preparation of these documents and the SUP prior to this. We are excited that the project has got to this next step and are looking forward to another great project with and in the City of Rockwall.

A few items of note as you review the documents :

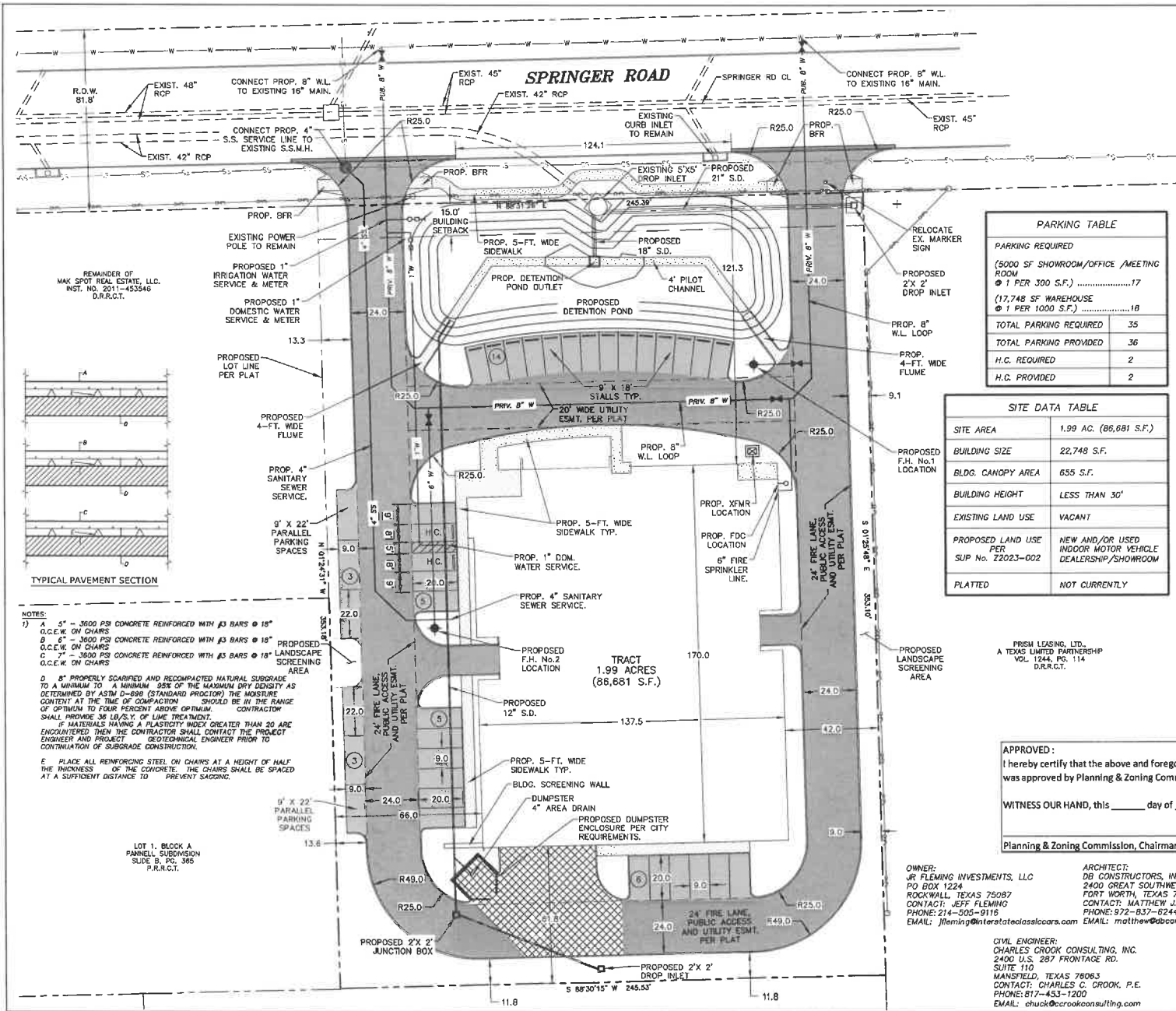
1. Photometric : We are anticipating the revised design but it was not completed in time. We will NOT have any spillover off of our site AND we will be removing the up lights from the front elevation. The up lights will be replaced with building mounted decorative downlights.
2. Building Elevations : As discussed, we will need some variances from the standard commercial development code. We have balanced the elevations aesthetically and attempted to meet the intent of the Code where we were unable to meet the letter of it. As such, we have provided additional and enhanced landscaping around the building itself that is in excess of the required landscaping. We have provided awning roofs (canopy roofs) at several locations. We have varied the height and articulated as much as was feasible for the use. The rear elevation is the one that is most out of compliance. We have added landscaping across from the overhead doors (which is required but we have added more than was necessary).
3. Parapets : The building has parapet walls all the way around. The interior of the panels will be painted to match (there will not be visible "raw" concrete. The RTU's are shown on all elevations and are correctly scaled – none of these units "breach" the parapet wall heights.

I believe that will help in your review, but we are always available to talk through any questions that come up during your review and we will respond quickly. Thank you for the time and effort it takes to review all of these documents, we appreciate it.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Matthew J Peterson', followed by a horizontal line.

Matthew J Peterson, AIA
Vice-President of Design and Development



NOTES:

1) A 5" - 3600 PSI CONCRETE REINFORCED WITH #3 BARS @ 18" O.C.E.W. ON CHAIRS
 B 6" - 3600 PSI CONCRETE REINFORCED WITH #3 BARS @ 18" O.C.E.W. ON CHAIRS
 C 7" - 3600 PSI CONCRETE REINFORCED WITH #3 BARS @ 18" O.C.E.W. ON CHAIRS
 D 8" PROPERLY SCARIFIED AND RECOMPACTED NATURAL SUBGRADE TO A MINIMUM TO A MINIMUM 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-898 (STANDARD PROCTOR) THE MOISTURE CONTENT AT THE TIME OF COMPACTION SHOULD BE IN THE RANGE OF OPTIMUM TO FOUR PERCENT ABOVE OPTIMUM. CONTRACTOR SHALL PROVIDE 36 LB/SY. OF LIME TREATMENT. IF MATERIALS HAVING A PLASTICITY INDEX GREATER THAN 20 ARE ENCOUNTERED THEN THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AND PROJECT GEOTECHNICAL ENGINEER PRIOR TO CONTINUATION OF SUBGRADE CONSTRUCTION.
 E PLACE ALL REINFORCING STEEL ON CHAIRS AT A HEIGHT OF HALF THE THICKNESS OF THE CONCRETE. THE CHAIRS SHALL BE SPACED AT A SUFFICIENT DISTANCE TO PREVENT SAGGING.

LOT 1, BLOCK A
 PANNELL SUBDIVISION
 SUBD. B, P.C. 365
 P.R.R.C.T.

PARKING TABLE	
PARKING REQUIRED	
(5000 SF SHOWROOM/OFFICE /MEETING ROOM @ 1 PER 300 S.F.)	17
(17,748 SF WAREHOUSE @ 1 PER 1000 S.F.)	18
TOTAL PARKING REQUIRED	35
TOTAL PARKING PROVIDED	36
H.C. REQUIRED	2
H.C. PROVIDED	2

SITE DATA TABLE	
SITE AREA	1.99 AC. (86,681 S.F.)
BUILDING SIZE	22,748 S.F.
BLDG. CANOPY AREA	655 S.F.
BUILDING HEIGHT	LESS THAN 30'
EXISTING LAND USE	VACANT
PROPOSED LAND USE PER SUP No. Z2023-002	NEW AND/OR USED INDOOR MOTOR VEHICLE DEALERSHIP/SHOWROOM
PLATTED	NOT CURRENTLY

PRISM LEASING, LTD.
 A TEXAS LIMITED PARTNERSHIP
 VOL. 1244, PG. 114
 D.R.R.C.T.

APPROVED:
 I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas was approved by Planning & Zoning Commission of the City of Rockwall on the ____ day of ____, 2023

WITNESS OUR HAND, this ____ day of ____, 2023

 Planning & Zoning Commission, Chairman Director of Planning and Zoning

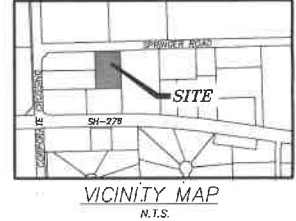
OWNER:
 JF FLEMING INVESTMENTS, LLC
 PO BOX 1224
 ROCKWALL, TEXAS 75087
 CONTACT: JEFF FLEMING
 PHONE: 214-505-9115
 EMAIL: jfleming@interstateclassiccars.com

ARCHITECT:
 DB CONSTRUCTORS, INC.
 2400 GREAT SOUTHWEST PARKWAY
 FORT WORTH, TEXAS 76106
 CONTACT: MATTHEW J. PETERSON, AIA
 PHONE: 972-832-6244
 EMAIL: matthew@dbconstructors.com

CIVIL ENGINEER:
 CHARLES CROOK CONSULTING, INC.
 2400 U.S. 287 FRONTAGE RD.
 SUITE 110
 MANFIELD, TEXAS 76063
 CONTACT: CHARLES C. CROOK, P.E.
 PHONE: 817-453-1200
 EMAIL: chuck@ccrookconsulting.com

LEGEND

- PROPOSED 4" CONCRETE SIDEWALK PAVEMENT
- PROPOSED 5" CONCRETE PAVEMENT
- PROPOSED 6" CONCRETE PAVEMENT
- PROPOSED 7" CONCRETE PAVEMENT
- PROPOSED FIRE LANE STRIPE
- PROPOSED UTILITY EASEMENT
- PROPOSED PARKING CANT
- BFR BARRIER FREE RAMP
- H.C. ADA PARKING SPACE



CAUTION!!!
 EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM RESPONSE INFORMATION SUPPLIED BY VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES EXPOSED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL INSURE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

Interstate Classic Cars
 Office + Auto Showroom
 SPRINGER ROAD
 ROCKWALL, TEXAS 76032
 PROPERTY DESCRIPTION:
 REMAINDER OF MAK SPOT REAL ESTATE, LLC
 INST. NO. 2011-453546 D.R.R.C.T.
CASE No.

CHARLES CROOK CONSULTING, INC.
 P.M. REGISTRATION NO. F-19812
 STATE OF TEXAS
 MANFIELD, TEXAS 76063
 P.O. BOX 1200 OFFICE
 P.O. BOX 1200 HOME
 817-453-1200 OFFICE
 817-453-1200 HOME
 www.CCrookConsulting.com

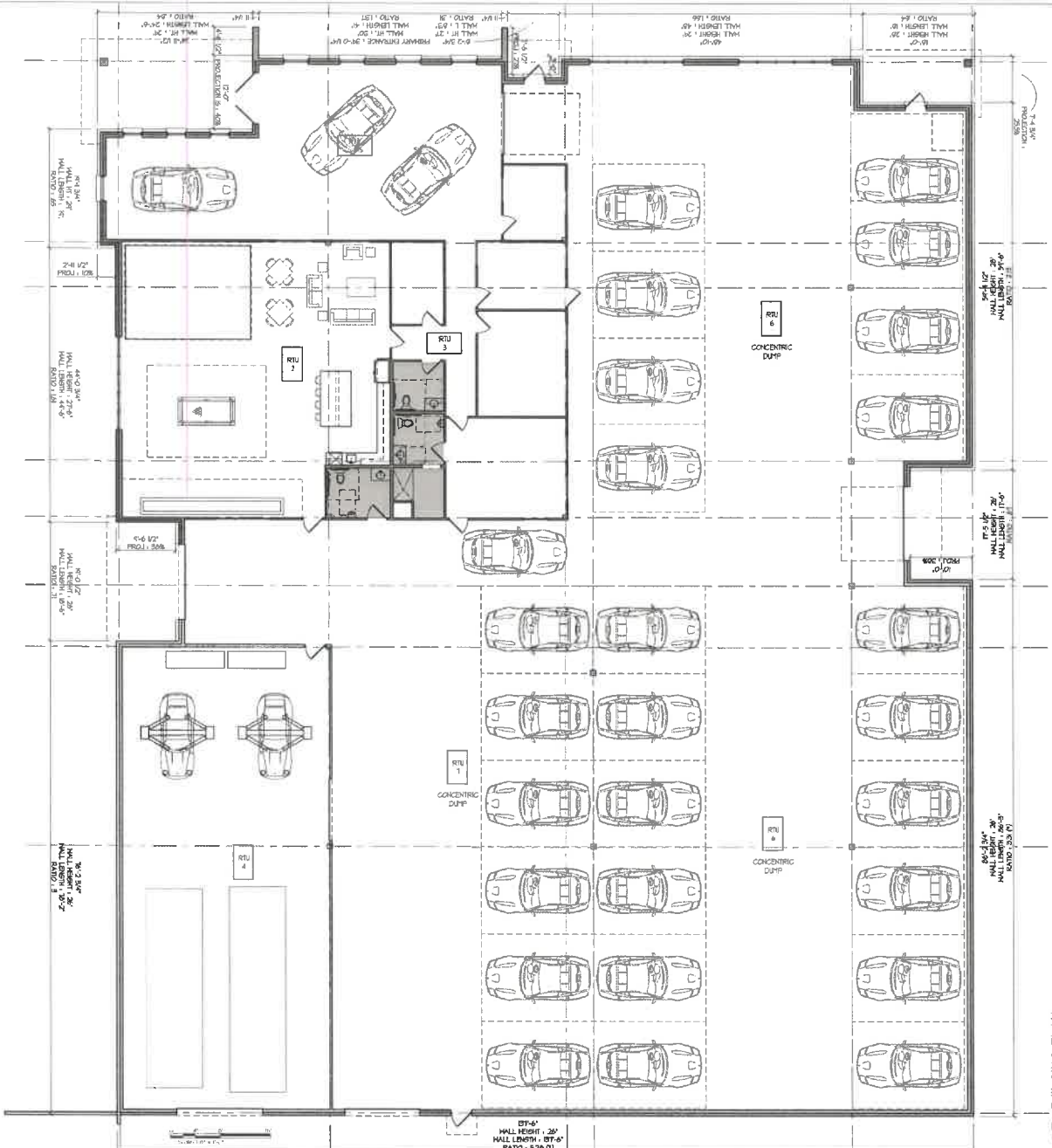
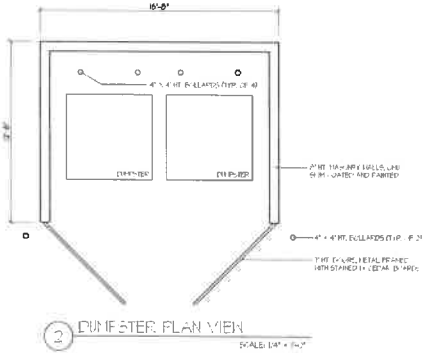
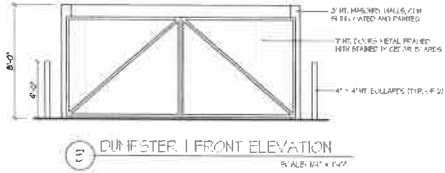
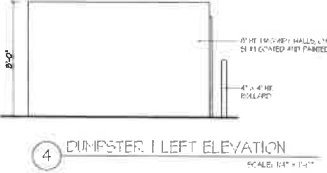
INTERSTATE CLASSIC CARS
 ROCKWALL, TEXAS

SITE PLAN



DATE: JUN 15, 2023
 CDD JOB# 22-125
 COPYRIGHT ©
 CHARLES CROOK CONSULTING, INC.

SHEET No.
 1



Interstate Classic Cars
 Office + Auto Showroom
 SPRINGER ROAD
 ROCKWALL, TEXAS 75082

db constructors, inc.
 2400 Great Southwest Pkwy
 Fort Worth, TX 76105
 817-538-3330
 DBA Architecture Firm DB-0402

DATE	DESCRIPTION	BY
23 MAY 20	SITE PLAN SUBMITTAL	MP

OWNER:
 JR FLEMING INVESTMENTS
 2635 OBSERVATION TRAIL
 ROCKWALL, TX 75082

APPLICANT:
 DB CONSTRUCTORS, INC
 MATTHEW J PETERSON
 972.637.6244
 MATTHEW@DBCONSTRUCTORS.COM

PROJ NO	DATE	DESIGN	CHKD	SHEET NO
		MP		A-101





VIEW FROM SPRINGER
SHOWING DUMPSTER
SCREEN WALL



SOUTH ELEVATION



NORTH ELEVATION



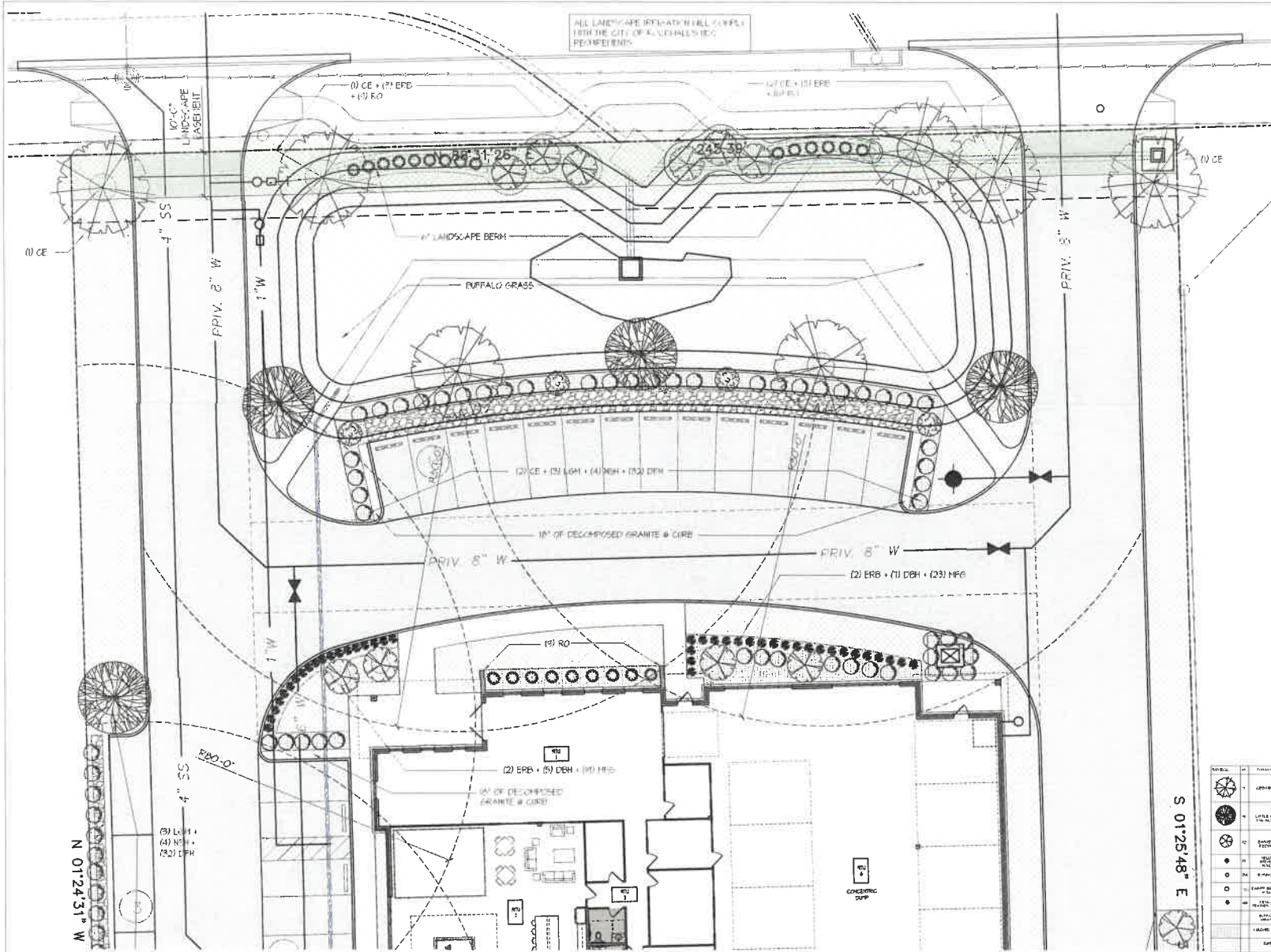
EAST ELEVATION



WEST ELEVATION



PREPARED BY: JR FLEMING INVESTMENTS, 2635 OBSERVATION TRAIL, ROCKWALL, TX 75082
 DRAWN BY: MATHIEW J. PETERSON, JR FLEMING INVESTMENTS, 2635 OBSERVATION TRAIL, ROCKWALL, TX 75082
 DATE: 05/23/2023



ENLARGED LANDSCAPE PLAN | NORTH

NO.	SYMBOL	DESCRIPTION	DATE	BY
1	(Symbol)	CEILING LIGHT	05/23/2023	JR
2	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
3	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
4	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
5	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
6	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
7	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
8	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
9	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
10	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
11	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
12	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
13	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
14	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
15	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
16	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
17	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
18	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
19	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
20	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
21	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
22	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
23	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
24	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
25	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
26	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
27	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
28	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
29	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
30	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
31	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
32	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
33	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
34	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
35	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
36	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
37	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
38	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
39	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
40	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
41	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
42	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
43	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
44	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
45	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
46	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
47	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
48	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
49	(Symbol)	CONCRETE DRIVE	05/23/2023	JR
50	(Symbol)	CONCRETE DRIVE	05/23/2023	JR

S 01'25"48" E

APPROVED: I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas was approved by Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, 2023.

WITNESS OUR HAND, this _____ day of _____, 2023.

 Planning & Zoning Commission, Chairman

 Director of Planning and Zoning

Interstate Classic Cars
 Office + Auto Showroom
 SPRINGER ROAD
 ROCKWALL, TEXAS 75082

db constructors, inc.
 2400 Great Southwest Pkwy
 Suite 100
 Rockwall, TX 75087
 TBAE Architecture Firm BR-4042



DATE	PLAN ISSUE	DESCRIPTION	BY
23 MAY 23	1	SITE PLAN SUBMITTAL	JP

OWNER:
 JR FLEMING INVESTMENTS
 2635 OBSERVATION TRAIL
 ROCKWALL, TX 75082

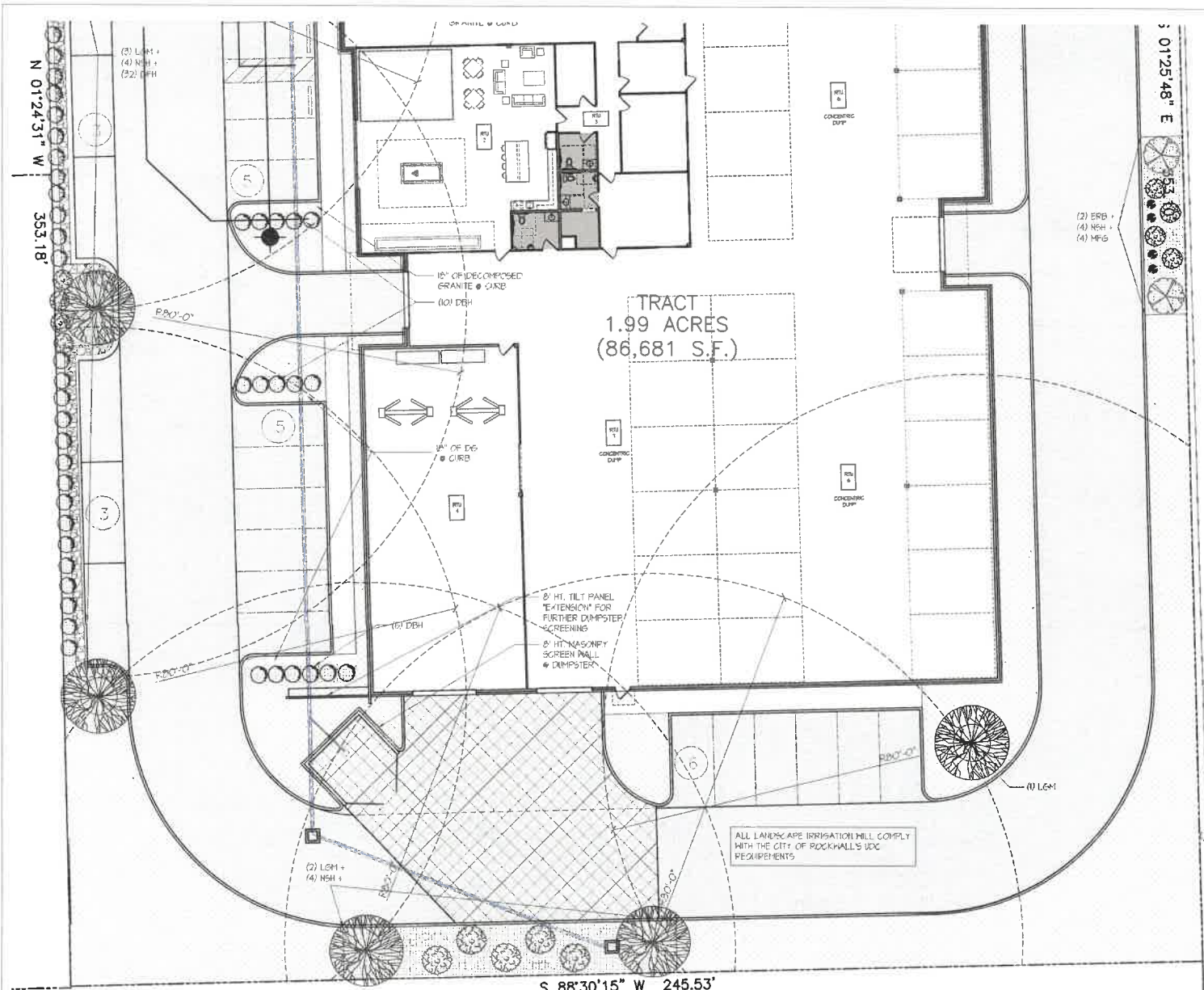
APPLICANT:
 DB CONSTRUCTORS, INC
 MATTHEW J PETERSON
 972.837.6244
 MATHIEW@DBCONSTRUCTORS.COM

PROPERTY DESCRIPTION:
 REMAINDER OF MAX SPOT
 REAL ESTATE, LLC
 INST. NO. 2013-483546
 D.R.C.T.

PROJECT NO. _____
 DATE _____
 SHEET NO. _____
 CHAIRMAN _____
 DATE _____
 BY _____

LD-2

THIS PLAN IS THE PROPERTY OF DB CONSTRUCTORS, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE DESCRIBED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DB CONSTRUCTORS, INC.



TRACT
1.99 ACRES
(86,681 S.F.)

ALL LANDSCAPE IRRIGATION WILL COMPLY WITH THE CITY OF ROCKHALL'S UDC REQUIREMENTS

1 ENLARGED LANDSCAPE PLAN | SOUTH

SCALE: 1/8\"/>

SYMBOL	NO.	DESCRIPTION	DATE	BY	REVISIONS
(Tree symbol)	1	LEAFY TREE	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	2	SMALL TREE	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	3	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	4	GROUND COVER	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	5	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	6	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	7	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	8	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	9	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'
(Tree symbol)	10	SHRUB	05/23/23	MP	1" CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10' AT 15' CALIPER PRUNED TO 10'

APPROVED: _____
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas was approved by Planning & Zoning Commission of the City of Rockwall on the _____ day of _____ 2023.
WITNESS OUR HAND, this _____ day of _____ 2023.

Planning & Zoning Commission, Chairman

Director of Planning and Zoning

Interstate Classic Cars
Office + Auto Showroom
SPRINGER ROAD
ROCKWALL, TEXAS 75082

db constructors, inc.
2400 Great Southwest Freeway
Suite 1000
Rockwall, TX 75086
TBAE Architecture Firm BR-4042

JR FLEMING INVESTMENTS
2635 OBSERVATION TRAIL
ROCKWALL, TX 75082

APPLICANT:
DB CONSTRUCTORS, INC
MATTHEW J PETERSON
972.837.8244
MATTHEW@DBCONSTRUCTORS.COM

PROPERTY DESCRIPTION:
REMAINDER OF MAX SPOT
REAL ESTATE, LLC
INST. NO. 2015-453546
D.R.R.C.T.

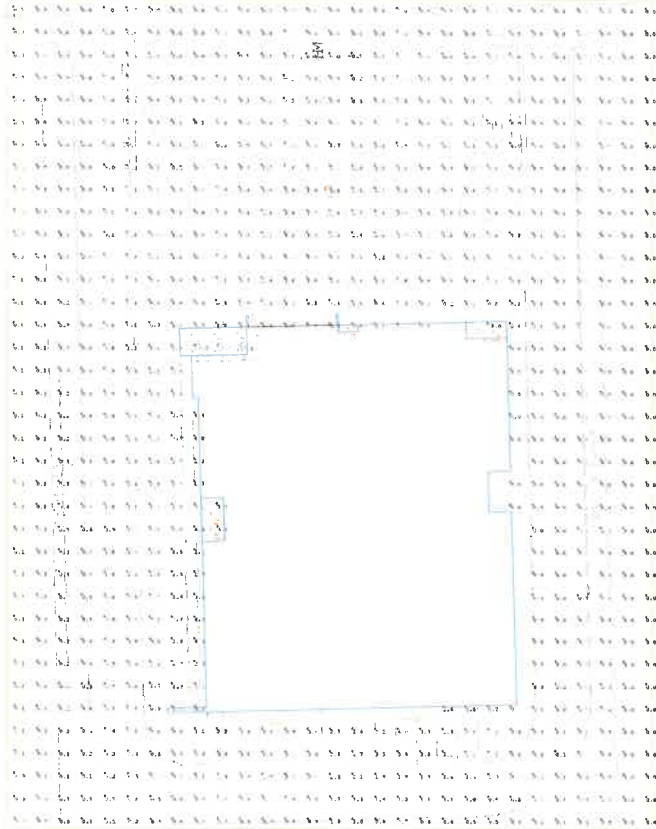
DATE: 05/23/23
BY: MP
CHECKED: MP
SCALE: MP

SHEET NO.
LD-3

- GENERAL NOTES:
 1. NOT FOR CONSTRUCTION PURPOSES.
 2. ALL CALCULATIONS CONTAIN AN ERROR FACTOR OF +/- 10%.
 3. CALCULATION POINT SPACING IS 10' x 10'.
 4. ALL CALCULATIONS ARE IN FOOT/CANDELA MEASUREMENTS.
 5. UNLESS OTHERWISE NOTED - ALL REFLECTANCE VALUES ARE CALCULATED USING THE DEFAULT VALUES OF: SURFACE = 2, WALLS = 5, CEILING = 8



Bell & McCoy
 Lighting and Controls
 4830 Neil Road
 Farmers Branch, TX 75244



NO.	DESCRIPTION	DATE	BY	CHKD.	APP.
1	ISSUED FOR PERMIT	04/19/2023	J. FENTON		
2	REVISION				
3	REVISION				
4	REVISION				
5	REVISION				
6	REVISION				
7	REVISION				
8	REVISION				
9	REVISION				
10	REVISION				

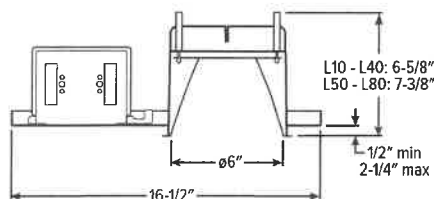
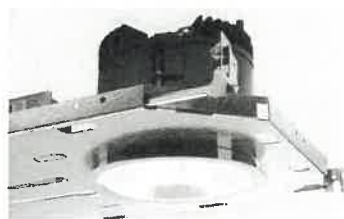
INTERSTATE CLASSIC CARS

Revisions:
 X XXXXXXXX

Drawn By:
 J. FENTON
 Date:
 4/19/2023
 Scale:
 N.T.S.
 Sheet Title:
 Site Photometrics
 Sheet No.
 1

6DR LED

6" Downlight – Round



CATALOG #: 6DR-TL-L10/840-DIM-UNV-OW-OF-CS-WET-CC

TYPE: DL

PROJECT: Interstate Classic Cars

NEW CONSTRUCTION AND REMODEL

ORDERING EXAMPLE: 6DR - TL - L20/835 - OPTIONS - CONTROL/DIM - UNV - OW - OF - CS - TRIM OPTIONS - N - F1

HOUSING

SERIES	LUMENS ^[1]	CRI	CCT	OPTIONS	CONTROL	DRIVER ^[2]	VOLTAGE
6DR - TL TrimLock	L10 1,000lm ^[3] L15 1,500lm L20 2,000lm L30 3,000lm L40 4,000lm L50 5,000lm L60 6,000lm L70 7,000lm L80 8,000lm	8 80 9 90 ^[4]	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	SCA__ Sloped ceiling adapter ^[5] ATH Airtight construction F Fuse EM/7W 7-watt emergency battery ^[6] EM/10W 10-watt emergency battery ^[7] EM/10W/RTS 10-watt emergency battery with regressed test switch ^[8] CP Chicago plenum (CCEA) ^[9] SDT Stepdown transformer ^[10]	- None AVI-LVFA Avi-on wireless fixture control ^[11]	DIM Dimming driver, 0-10V DIM1 1% Dimming driver, 0-10V DA Driver with 12V auxiliary power, without external dimming wires ^[12]	UNV 120-277V 347 347V ^[13]

TRIM^[14]

TRIM TYPE	DISTRIBUTION ^[15]	FLANGE TYPE	REFLECTOR FINISH	TRIM OPTIONS
O Open reflector L Flush lens R Regressed lens A Angled lens ^[16] S Non-conductive flush lens for shower applications ^[17]	W Wide 65° Open 55° Flush 55° Regressed M Medium ^[18] 35° Open 35° Flush 35° Regressed N Narrow ^[19] 10° Open 25° Flush 25° Regressed WW Wall wash ^[20]	OF 1/2" standard flange SF 1/4" mud-in flange ^[21]	Open trim types CS Clear semi-specular anodize SG Satin-glow anodize GD Gold anodize CG Champagne gold anodize PW Pewter anodize SPC Clear specular anodize RG Rose gold anodize WH White texture powder coat BL Black texture powder coat Lens trim types CS Clear semi-specular powder coat WH White texture powder coat BL Black texture powder coat MB Black texture splay with white flange ^[22]	MWT Textured white trim flange ^[23] IP IP65 rated trim ^[24] AD Diffuse acrylic lens ^[25] PD Diffuse 1/8" polycarbonate lens ^[26] TD Diffuse polycarbonate lens media at top of open reflector ^[27] WET/CC Wet location, covered ceiling listed ^[28] AM Anti-microbial ^[29]

MOUNTING

MOUNTING TYPE ^[30]	MOUNTING HARDWARE ^[31]
N Open pan for new construction I IC-rated enclosure for new construction ^[32] R Remodel kit ^[33]	F1 Integral 2-position fixed pan bracket, universal bar hanger included ^[34] BA1 Adjustable butterfly pan bracket, bar hanger not included ^[35] CA1 Adjustable caterpillar pan bracket, universal bar hanger included ^[36]

NOTES

- Lumen output based on O trim type, W distribution and CS finish, 3500K/80CRI. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- See page 7 for ADDITIONAL DRIVER OPTIONS.
- Not available with EM/10W emergency batteries.
- Extended lead times may apply. Consult factory for availability.
- 11-1/2" aperture, specify degrees of slope in 5° increments, 05°-30°. Not available with I Mounting Type, ATH or WET/CC options. Painted white. Other colors available, consult factory. See page 3 for SLOPED CEILING ADAPTOR DETAILS.
- N and R Mounting Types only. Not available with ATH or IP options.
- N and R Mounting Types only. Not available with ATH or IP options.
- Not available with WET/CC, ATH or IP options. N and R Mounting Types only. See page 5 for EM/10W/RTS DETAILS.
- I Mounting Type required.
- May be required for 347V, see product builder at hew.com/product-builder.
- DA Driver only. See page 7 for AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS.
- Avi-on Controls only.
- Not available with EM batteries, DMX Driver, or Avi-on Controls.
- Trim ships separately.
- Beam angle based on CS or WH reflector finish. See page 2 for FIXTURE PERFORMANCE DATA.
- Available with WW Distribution only.
- W Distribution, OF Flange Type and WH Reflector Finish only. Standard with AD diffuse acrylic lens. IP and WET/CC options standard.
- Not available with lumen stops L50 and higher when specified with flush or regressed trim types.
- Not available with lumen stops L50 and higher when specified with flush or regressed trim types.
- O and A Trim Types only.
- For use with mud-in plaster construction only, supplied with mud flange installation kit. See page 4 for FLANGE TYPE DETAILS. Not available with ATH or IP options.
- R Trim Type only. Not available with MWT.
- Not available with WH Reflector Finish, L or S Trim Types.
- L and R trim types only.
- Not available with O trim type. W and WW distributions only.
- Not available with O trim type. W and WW distributions only.
- O Trim Type only. WET/CC standard unless ordered with EM/RTS. L50 lumen package max.
- L50 lumen package max with O Trim Type. Not available with PD trim option.
- WH and BL Reflector Finishes only. Not available with S Trim Type.
- Mounting hardware required (N and I only), ordered separately, see MOUNTING HARDWARE ordering info. See page 4 for MOUNTING TYPE DETAILS.
- Additional mounting hardware options available. See page 6 for MOUNTING HARDWARE DETAILS.
- L30 lumen package max.
- Also used in new construction sheetrock ceilings. Pan-less installation.
- N and I Mounting Types only. I Mounting requires external brackets.
- N Mounting Type only.
- N Mounting Type only.



6DR LED 6" Downlight – Round

FEATURES

TrimLock®

- Innovative TrimLock reflector retention system ensures trim remains flush with ceiling plane
- Wide range of lumen options for general illumination
- Beam angles ranging from 10° narrow to 65° wide for tailored performance
- Industry-leading efficacies as high as 116 lm/W
- New construction mounting pan, IC-rated, or pan-less remodel kit available
- Available on QuickShip
- Available with Avi-on wireless fixture controls



Available with BIOS® consult factory

SPECIFICATIONS

- HOUSING – Die-cast aluminum trim housing with forged aluminum heat sink. Galvanized steel splice compartment with driver mounting plate/enclosure. Swing-out mounting arms field adjust for ceiling thickness from 1/2" – 2-1/4".
- TRIMLOCK – Innovative TrimLock reflector retention system ensures the trim remains flush with the ceiling plane.
- OPEN REFLECTOR – Low-iridescent anodized aluminum. Clear semi-specular finish standard.
- LENSED TRIM – Die-cast aluminum frame with micro-prismatic, acrylic lens.
- ELECTRICAL – High-performance Class 2 C.O.B. LED array. Modular quick-connect plug for easy field-connection of LED light assembly to driver. Reported L70>55,000 hours. Reported L90>55,000 hours. Estimated L70 = 200,000 hours.
- MOUNTING – Recessed. 20 ga. galvanized steel mounting pan for new construction or IC-rated enclosure. Remodel kit option includes receiver bracket hardware. Minimum 24" O.C. marked spacing required for L60 - L80 lumen packages.
- LISTINGS –
 - cCSAus conforms to UL STD 1598; Certified to CAN/CSA STD C22.2 No. 250.0 for dry and damp locations. LED light assembly conforms to UL 2108 for remote installation.
 - Suitable for wet location under covered ceiling when specified with WET/CC or TD options.
 - ENERGY STAR® certified in select configurations, see www.energystar.gov
 - IC-rated for direct contact with insulation when specified with I Mounting Type.
 - City of Chicago Environmental Air approved when specified with CP option.
 - Complies with ASTM-E283 when specified with ATH option.
 - RoHS compliant.
 - Title 24 (JAB) compliant in select configurations, see www.cacertappliances.energy.ca.gov.
 - WARRANTY – 5-year limited warranty, see hew.com/warranty.

FIXTURE PERFORMANCE DATA

OPEN REFLECTOR TRIM TYPE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	1014	8.7	116.9
	M	982	8.7	113.2
	N	1003	8.7	115.7
L15	W	1497	13.8	108.6
	M	1495	13.8	108.4
	N	1528	13.8	110.8
L20	W	1988	19.0	104.6
	M	1983	19.1	103.8
	N	2026	19.1	106.1
L30	W	3062	26.9	114.0
	M	3003	26.9	111.8
	N	3000	26.9	111.7
L40	W	4094	36.5	112.2
	M	4016	36.4	110.3
	N	4011	36.4	110.2
L50	W	5014	43.9	114.1
	M	4935	43.9	112.3
	N	5047	43.9	114.9
L60	W	6043	54.0	111.9
	M	5948	54.0	110.1
	N	6083	54.0	112.6
L70	W	7008	67.8	103.3
	M	6898	67.8	101.7
	N	7055	67.8	104.0
L80	W	8018	79.8	100.5
	M	7891	79.8	98.9
	N	8071	79.8	101.2

FLUSH LENS TRIM TYPE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	774	8.7	89.2
	M	910	8.7	104.9
	N	909	8.7	104.8
L15	W	1178	13.8	85.4
	M	1385	13.8	100.4
	N	1384	13.8	100.4
L20	W	1562	19.5	80.1
	M	1837	19.1	96.1
	N	1836	19.5	94.2
L30	W	2335	26.9	86.9
	M	2782	26.9	103.6
	N	2718	26.9	101.2
L40	W	3122	36.5	85.5
	M	3720	36.4	102.2
	N	3635	36.4	99.9
L50	W	3824	43.9	87.0
	M	-	-	-
	N	-	-	-
L60	W	4609	54.0	85.4
	M	-	-	-
	N	-	-	-
L70	W	5345	67.8	78.8
	M	-	-	-
	N	-	-	-
L80	W	6115	79.8	76.7
	M	-	-	-
	N	-	-	-

REGRESSED LENS TRIM TYPE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	716	8.7	82.5
	M	883	8.7	101.7
	N	897	8.7	103.4
L15	W	1090	13.8	79.0
	M	1344	13.8	97.4
	N	1366	13.8	99.1
L20	W	1445	19.5	74.1
	M	1782	19.1	93.3
	N	1812	19.5	92.9
L30	W	2160	26.9	80.4
	M	2699	26.9	100.5
	N	2683	26.9	99.9
L40	W	2889	36.5	79.1
	M	3609	36.4	99.1
	N	3587	36.4	98.6
L50	W	3537	43.9	80.5
	M	-	-	-
	N	-	-	-
L60	W	4264	54.0	79.0
	M	-	-	-
	N	-	-	-
L70	W	4945	67.8	72.9
	M	-	-	-
	N	-	-	-
L80	W	5657	79.8	70.9
	M	-	-	-
	N	-	-	-

MULTIPLIER TABLES

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.92
	3000K	0.98
	3500K	1.00
	4000K	1.01
	5000K	1.02
90 CRI	2700K	0.76
	3000K	0.79
	3500K	0.82
	4000K	0.84
	5000K	0.88

	REFLECTOR FINISH	
	CATALOG NUMBER	CONVERSION FACTOR
O TRIM	CS	1.00
	SG ¹	0.92
	GD	0.93
	CG	0.96
	PW	0.86
	SPC	1.02
	RG	0.88
	WH ¹	0.89
	BL ¹	0.47
	R TRIM	WH
CS		0.98
BL		0.79

TRIM	
CATALOG NUMBER	CONVERSION FACTOR
S	0.85
AD	0.85
PD	0.85
TD	0.75
WET/CC ²	0.85

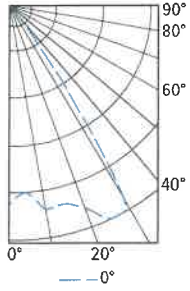
- 1 Distribution will also be affected, consult factory.
 - 2 Use multiplier when specified with O Trim Type.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
 - Wattage shown is based on 120V input.
 - Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
 - Use multiplier tables to calculate additional options.



6DR LED 6" Downlight – Round

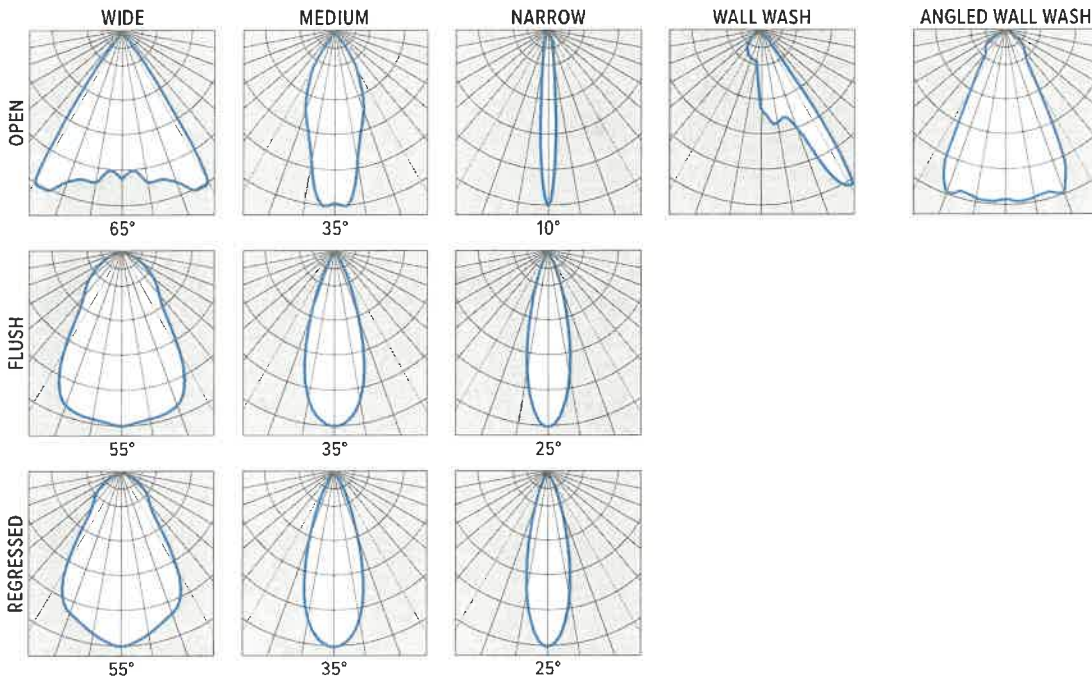
PHOTOMETRY

6DR-TL-L20/835-DIM-UNV-OW-OF-CS Report #: 20687; 12/12/18 | Total Luminaire Output: 1988 lumens; 19.0 Watts | Efficacy: 104.6 lm/W | 82.9 CRI; 3457K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1672	
	5	1579	151
	15	1735	492
	25	1982	917
	35	604	380
	45	46	36
	55	13	12
	65	2	2
	75	0	0
	85	0	0
	90	0	0

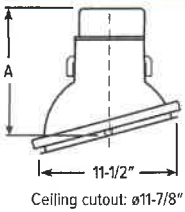
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1939	98
	0 - 60	1987	100
	0 - 90	1988	100
	0 - 180	1988	100



TRIMLOCK DETAILS



SLOPED CEILING ADAPTOR DETAILS



LUMENS	A (HEIGHT)					PLENUM HEIGHT	
	5°	10°	15°	20°	25°		30°
L10 - L40	10-11/16"	10-7/8"	10-15/16"	10-7/8"	10-13/16"	10-5/8"	11-1/4"
L50 - L80	11-7/16"	11-9/16"	11-5/8"	11-5/8"	11-1/2"	11-1/4"	12"

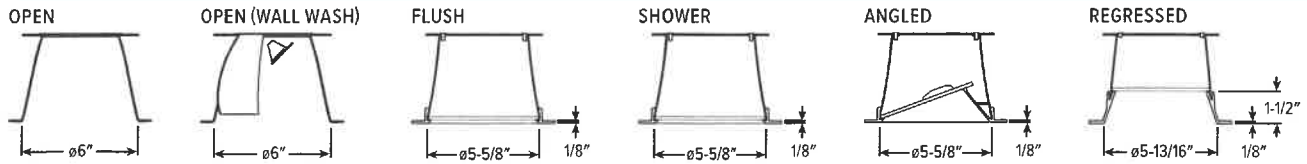
15° Shown



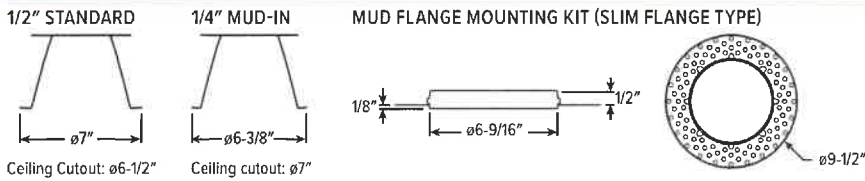
6DR LED

6" Downlight – Round

TRIM TYPE DETAILS



FLANGE TYPE DETAILS

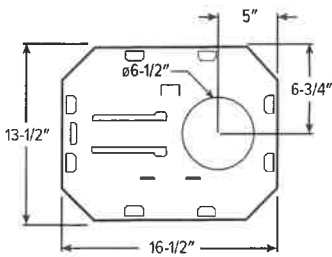


REFLECTOR FINISH DETAILS

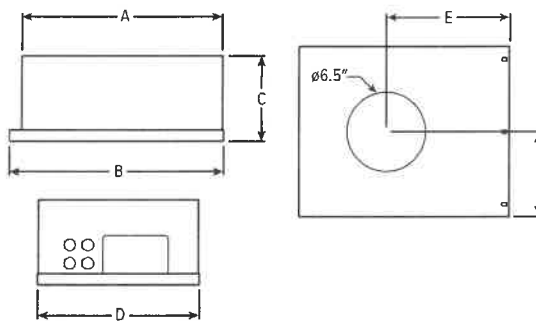


MOUNTING TYPE DETAILS

NEW CONSTRUCTION

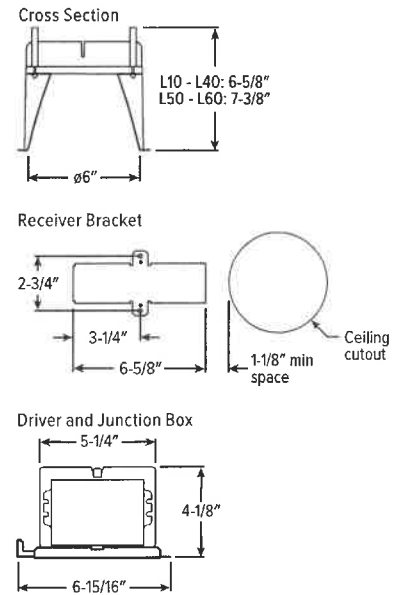


IC-RATED



LUMENS	LENGTH					
	A	B	C	D	E	F
L10 - L20	15-3/16"	16"	6-3/8"	12-1/8"	9-1/2"	6-1/16"
L30	16-5/8"	17-1/2"	7-7/8"	14"	10-1/4"	7"

REMODEL



6DR LED

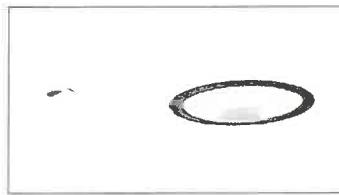
6" Downlight – Round

APERTURE ADAPTOR ORDERING INFO

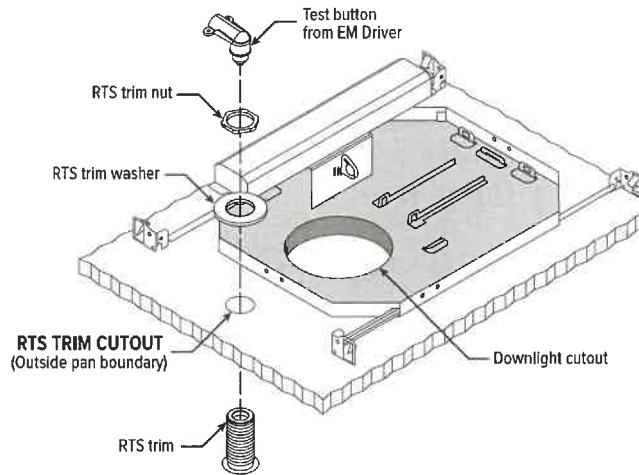
ORDERING EXAMPLE: 4DR - GR - 0575 - WH			
SERIES	CATALOG NUMBER	CEILING CUTOUT	FINISH
4AR	6AR	Specify ceiling cutout in 1/8" increments. Example: 5.75" = 0575 See Kit Components for application limits.	CS Clear semi-specular powder coat
4DR	6DR		WH White texture powder coat
4DS	6DS		BL Black texture powder coat
4PR	6PR		
4PS	6PS		
	8DR		

Additional finishes available, consult factory. For use with remodel downlights. For limitations and instructions, see hew.com/aperture-adaptor.pdf

EM/10W/RTS DETAILS



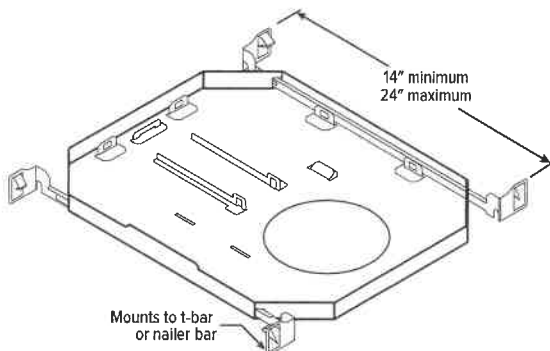
Shown Installed



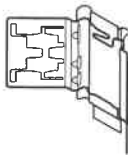
6DR^{LED} 6" Downlight – Round

MOUNTING HARDWARE DETAILS

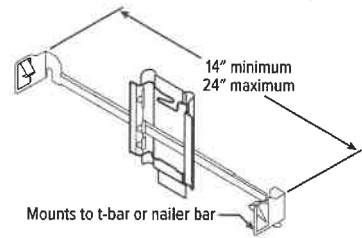
F1 Integral 2-position fixed pan bracket, universal bar hanger included



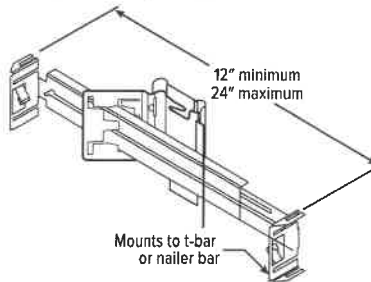
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



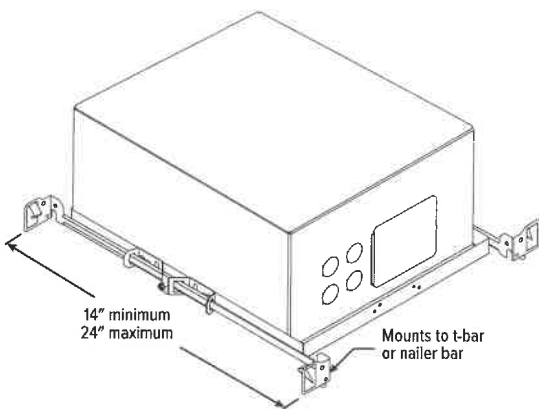
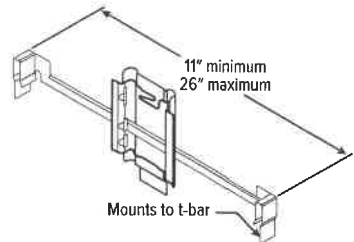
CA1 Adjustable caterpillar pan bracket, universal bar hanger included (N Mounting Type only)



BA2 Adjustable butterfly pan bracket, heavy-duty universal bar hanger included (N Mounting Type only)



CA2 Adjustable caterpillar pan bracket, t-bar hanger included (N Mounting Type only)



F1 with I Mounting Type

SEE NEXT PAGE FOR CONTROL DETAILS.



6DR LED 6" Downlight – Round

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

AVI-ON NETWORK FEATURES

Simple

- Gateway-free distributed control
- Factory pre-commissioning
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small areas to large warehouses
- Flexible control strategies

Secure

- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

DIGITAL INSTALLATION TOOLS

Avi-On mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers.



Commissioning Mobile App

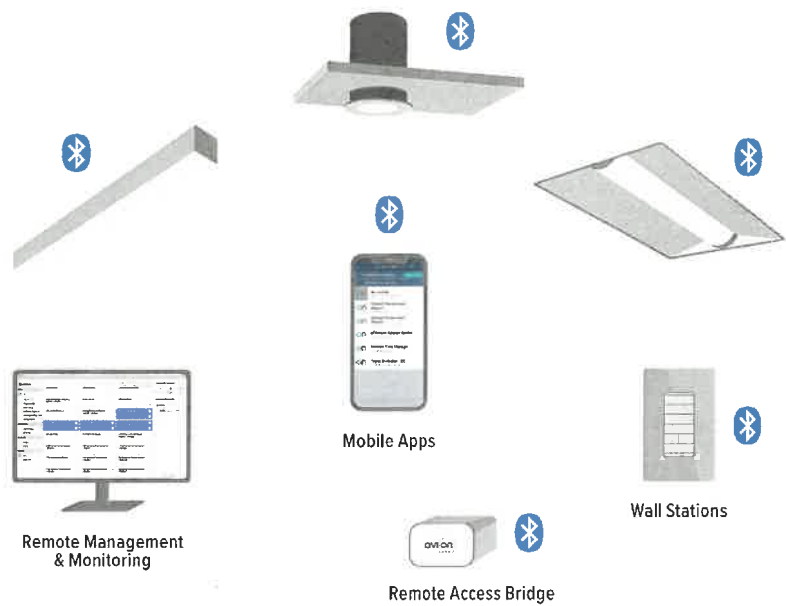


Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Avi-On is under license. Other trademarks and trade names are those of their respective owners.

ACCESSORIES

WALL STATIONS	
AVI-2401AC	Scene controller - numbered 1-4, 120-277VAC
AVI-2402BAT	Scene controller - numbered 1-4, battery powered
AVI-2401AC-2	Dimmer with presets - percentages, 120-277VAC
AVI-2402BAT-2	Dimmer with presets - percentages, battery powered
AVI-SWITCH	AC paddle wall switch
AVI-DIMMER	Circuit dimmer switch
CONNECTIVITY	
AVI-2001RAB-01-P	Remote access bridge for projects 100 or greater
AVI-2001RAB-01-C	Remote access bridge for projects less than 100
AVI-KIT-NTM	Network time manager with Battery Backup
CEILING MOUNT SENSORS	
AVI-KIT-SEN-DUCM	PIR motion and ultrasonic sensor kit
AVI-KIT-SEN-ICM	PIR motion and photocell sensor kit

For load controllers and additional accessory info, see hew.com/avi-on

ADDITIONAL DRIVER OPTIONS

Lumen restrictions apply: L40 max for DMX driver, L40 max for Lutron drivers, L50 max for ELDO drivers, L15 minimum for DIM LINE driver, L60 max for DIM LINE driver. R Mounting Type not available with DMX controls. R Mounting Type requires 12" minimum plenum depth when specified with VRF/DBI controls. 347V may require stepdown transformer, see product builder at hew.com/product-builder. I Mounting Type not available with Lutron controls.

CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible at 120V only)
DA	Dimming driver with 12V auxiliary
DMX	0.1% dimming driver for DMX controls
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
VRF/DBI/LDE1	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver
FCJS/DIM	Lutron Vive PowPak wireless fixture control with dimming driver
FCJS/DIM1	Lutron Vive PowPak wireless fixture control with 1% dimming driver





MODEL #: ORSB500L4K

UPC #: 765364027109

Small Bullet Flood



Specifications

Electrical Specifications

- Input Wattage: 5W
- Efficacy: 111 LpW
- AC Input: 120/208/240 V
- Driver: Constant current, Class 2, 120-240VAC 50/60Hz

Lighting Specifications

- Total Lumens: 553
- Color Temperature: 4000K
- Color Rendering Index: 70

Housing Specifications

- Die-cast aluminum housing
- UV stabilized power coated finish
- Color: Bronze
- Lifespan: 50,000 hours

Lens Specifications

- Integral glare shield and tempered glass lens

Listings

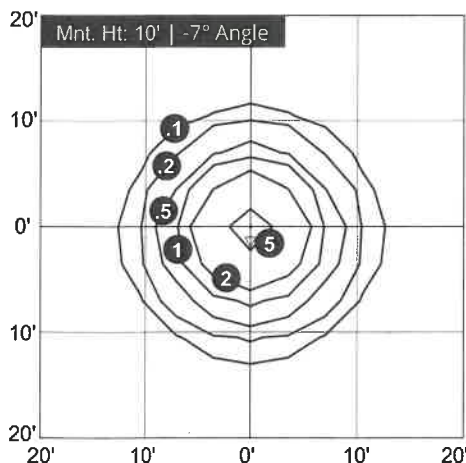
- UL/cUL standards for wet locations

Warranty

- 5-Year limited warranty

Model	Watts	Lumens	Volts	Color Temp.
ORSB500L4K	5 LED	553	120-240	4000K

Photometrics



Light Loss Factor	1.00
Total Lumens	552.91
Mounting Height	10'
Tilt	-7°
Max. Calculated Value	6.45 Fc



PROJECT INFORMATION

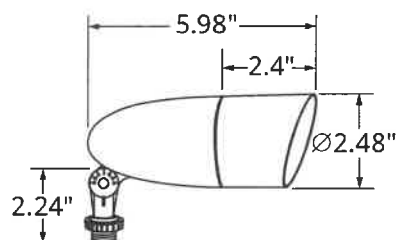
MODEL #: ORSB500L4K

UPC #: 765364027109

Small Bullet Flood

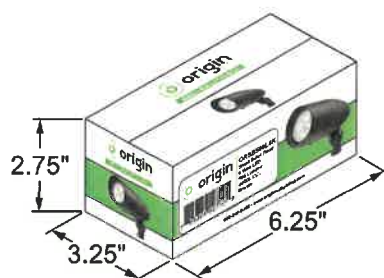
Dimensions

Product Dimensions



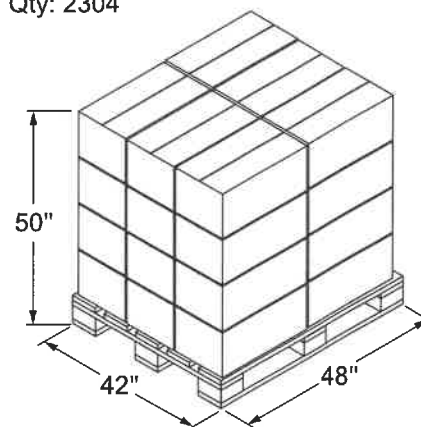
Carton Dimensions

Weight: 2.65 lbs.



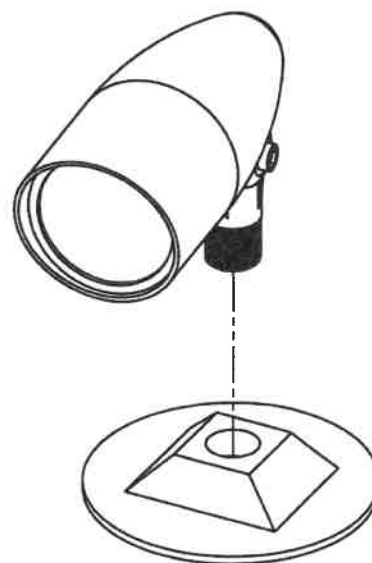
Pallet Dimensions

Qty: 2304



Installation

- Before starting ensure that the power is disconnected.
- Unpack fixture and ensure that there are no damaged parts.
- This fixture is supplied with a knuckle bracket for surface mounting.
- The knuckle is a ½" NPS thread with a locking nut.
- Seal thread with Teflon tape or silicone sealant prior to installation.
- Secure fixture to conduit thread.
- When the fixture is secured loosen the knuckle bolt to aim fixture to a desired angle.
- Tighten knuckle screw when desired angle is achieved.





Catalog #: MRS-LED-15L-SIL-2-40-70CRI

Project: Interstate Classic Cars

Prepared By: _____

Date: _____

Mirada Small Area (MRS)

Outdoor LED Area Light



IP66 IK08



OVERVIEW

Lumen Package	6,000 - 24,000
Wattage Range	39-196
Efficacy Range (LPW)	112-158
Fixture Weight lbs (kg)	20 (9.1)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip[®] polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 27 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 5W, and FT.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377
- Minimum CRI of 70.
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60K Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10KV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth[™] motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink[™] wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK08 rated luminaire per IEC 66262 mechanical impact code
- DesignLights Consortium[®] (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.



Mirada Small Area Light (MRS)

Type: _____

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ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: MRS LED 18L SIL FT UNV DIM 40 70CRI ALBCS1 BLK IH

Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation ²	Voltage	Driver
MRS - Mirada Small Area Light	LED	6L - 6,000 lms 9L - 9,000 lms 12L - 12,000 lms 15L - 15,000 lms 18L - 18,000 lms 21L - 21,000 lms 24L - 24,000 lms Custom Lumen Packages ³	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw	(blank) - standard L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)
Color Temp	Color Rendering	Controls (Choose One)			Finish	Options	
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT	70CRI - 70 CRI	(Blank) - None Wireless Controls System ALS - AirLink Synapse Control System ALSCS2 - AirLink Synapse Control System with 12-20' MH Motion Sensor ALSCS4 - AirLink Synapse Control System with 20-40' MH Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH) Stand-Alone Controls EXT - 0-10v Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 ³ IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) ⁴ IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) ⁴			BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	(Blank) - None IH - Integral Half Louver (Moderate Spill Light Cutoff) ² IL - Integral Louver (Sharp Spill Light Cutoff) ²	



Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800



Accessory Ordering Information⁵

CONTROLS ACCESSORIES	
Description	Order Number
Twist Lock Photocell (120V) for use with CR7P	122514
Twist Lock Photocell (208-277) for use with CR7P	122515
Twist Lock Photocell (347V) for use with CR7P	122516
Twist Lock Photocell (480V) for use with CR7P	1225180
AirLink 5 Pin Twist Lock Controller	661409
AirLink 7 Pin Twist Lock Controller	661410
Shorting Cap for use with CR7P	149328

FUSING OPTIONS ⁷	
Description	Order Number
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

SHIELDING OPTIONS	
Description	Order Number
Mirada Small	See Shielding Guide
Mirada Medium	
Mirada Large	
Zone Medium	
Zone Large	
Slice Medium	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on "Type 5W" distribution.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.

Mirada Small Area Light (MRS)

Type: _____

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ACCESSORIES

[Back to Quick Links](#)

MOUNTING ACCESSORIES		SHIELDING, POLES & MISC. ACCESSORIES			
Side Arm	Universal Mounting Bracket Mounts to $\geq 3"$ square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5" to 5" Part Number: BKA UMB CLR		Integral Louver Field Install Integral Louver provides maximum backlight control by shielding each individual row of LEDs Part Number: 686485		
	Quick Mount Plate True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6" Part Number: BKS PQM B385 XX CLR			Integral Half Louver Field Install Integral Half Louver provides great backlight control without impacting front side distribution. Part Number: 743416	
	15° Tilt Quick Mount Plate True one person installation to existing/new construction poles with hole spaces between 2.4 to 4.6" Part Number: BKS PQ15 B385 XX CLR				External Shield External shield blocks view of light source from any side of luminaire, additional shielding configurations available Part Number: 783607BLK (3") / 776538BLK (6")
Tenon / Slipfitter	Adjustable Slipfitter Mounts onto a 2" (51mm) I.D., 2.375" (60mm) O.D. tenon and provides 180° of tilt (max 45° above horizontal) Part Number: BKA ASF CLR		Square Poles 14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction Part Number: 45Q/55Q/65Q		
	Square Tenon Top Mounts onto a 2" (51mm) I.D., 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires Part Number: BKA XNM *			Round Poles 10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction Part Number: 4RP/5RP	
	Square Internal Slipfitter Mounts inside 4" or 5" square pole and allows for mounting up to 4 luminaires Part Number: BKA X_ISF * CLR				Tapered Poles 20' - 39' steel and aluminum poles for retrofit and new construction Part Number: RTP
Wall Mount/ Wood Pole	Wall Mount Bracket Mounts onto vertical wall surface (hardware/anchors not included) Part Number: BKS XBO WM CLR		Bird Spikes 10' Linear Bird Spike Kit, 4' recommended per luminaire, includes silicone adhesive and application tool Part Number: 736795		
	Wood Pole Bracket Mounts onto wooden poles (6" minimum OD, hardware/anchors not included) Part Number: BKS XBO WP CLR				

Replace CLR with paint finish description

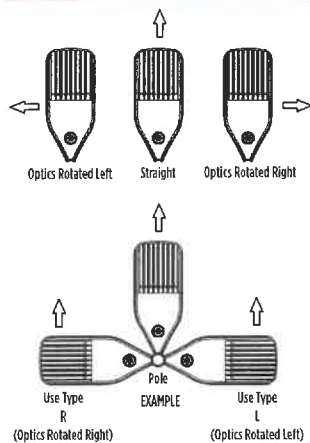
Replace XX with SQ for square pole or RD for round pole (as 3" OD)

Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)

Replace _ with 4 (4" square pole) or 5 (5" square pole)

OPTICS ROTATION

Top View



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Integral Louver (IL) and half louver (IH) accessory shields available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (IL) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

Luminaire Shown with Integral Louver (IL)



Luminaire Shown with IMSBT Option



7 Pin Photoelectric Control


7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



Mirada Small Area Light (MRS)

Type: _____

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PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
6L	2	70	5918	149	B2-U0-G1	6136	155	B2-U0-G1	6122	155	B2-U0-G1	39
	3		6016	152	B1-U0-G2	6238	158	B1-U0-G2	6224	157	B1-U0-G2	
	5W		5690	144	B3-U0-G1	5899	149	B3-U0-G1	5886	149	B3-U0-G1	
	FT		5822	147	B1-U0-G1	6037	152	B1-U0-G1	6023	152	B1-U0-G1	
9L	2	70	9091	145	B2-U0-G2	9484	152	B2-U0-G2	9462	151	B2-U0-G2	63
	3		9241	148	B2-U0-G2	9641	154	B2-U0-G2	9619	154	B2-U0-G2	
	5W		8740	140	B3-U0-G2	9,118	146	B3-U0-G2	9097	144	B3-U0-G2	
	FT		8943	143	B2-U0-G2	9330	149	B2-U0-G2	9308	149	B2-U0-G2	
12L	2	70	12132	141	B3-U0-G2	12685	148	B3-U0-G2	12514	146	B3-U0-G2	86
	3		12333	143	B2-U0-G2	12894	150	B2-U0-G2	12721	148	B2-U0-G2	
	5W		11664	136	B4-U0-G2	12195	142	B4-U0-G2	12031	140	B4-U0-G2	
	FT		11935	139	B2-U0-G2	12479	145	B2-U0-G2	12311	143	B2-U0-G2	
15L	2	70	14220	128	B3-U0-G2	15167	137	B3-U0-G2	14488	131	B3-U0-G2	111
	3		14938	135	B2-U0-G2	15933	144	B2-U0-G2	15219	137	B2-U0-G2	
	5W		14304	129	B4-U0-G2	15257	137	B4-U0-G2	14574	131	B4-U0-G2	
	FT		14342	129	B2-U0-G2	15297	138	B2-U0-G2	14612	132	B2-U0-G2	
18L	2	70	16438	122	B3-U0-G3	17532	130	B3-U0-G3	16747	124	B3-U0-G3	135
	3		17267	128	B3-U0-G3	18417	137	B3-U0-G3	17592	131	B3-U0-G3	
	5W		16535	123	B4-U0-G2	17636	133	B5-U0-G3	16846	125	B4-U0-G2	
	FT		16578	123	B3-U0-G3	17682	131	B3-U0-G3	16890	125	B3-U0-G3	
21L	2	70	19488	118	B3-U0-G3	20786	126	B3-U0-G3	19885	120	B3-U0-G3	165
	3		20472	124	B3-U0-G3	21835	132	B3-U0-G3	20857	126	B3-U0-G3	
	5W		19604	119	B5-U0-G3	20,909	126	B5-U0-G3	19973	121	B5-U0-G3	
	FT		19655	119	B3-U0-G3	20964	127	B3-U0-G3	20025	121	B3-U0-G3	
24L	2	70	21976	112	B3-U0-G3	23439	120	B3-U0-G3	22390	114	B3-U0-G3	196
	3		23085	118	B3-U0-G3	24622	126	B3-U0-G3	23519	120	B3-U0-G3	
	5W		22105	113	B5-U0-G3	23578	120	B5-U0-G3	22522	115	B5-U0-G3	
	FT		22164	113	B3-U0-G3	23640	121	B3-U0-G3	22581	115	B3-U0-G3	

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
6L	0.34	0.20	0.17	0.15	0.12	0.09
9L	0.52	0.30	0.26	0.23	0.18	0.13
12L	0.72	0.41	0.36	0.31	0.25	0.18
15L	0.93	0.53	0.46	0.40	0.32	0.23
18L	1.12	0.65	0.56	0.49	0.39	0.28
21L	1.38	0.80	0.69	0.60	0.48	0.34
24L	1.63	0.94	0.82	0.71	0.56	0.41

*Electrical data at 25°C (77°F). Actual wattage may differ by +/-10%

RECOMMENDED LUMEN MAINTENANCE ¹					
Ambient Temp	Lumen Multiplier				
	0 hrs. ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C - 25 C	100%	95%	89%	84%	79%
40 C	100%	94%	87%	80%	74%

- Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

Mirada Small Area Light (MRS)

Type: _____

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PHOTOMETRICS

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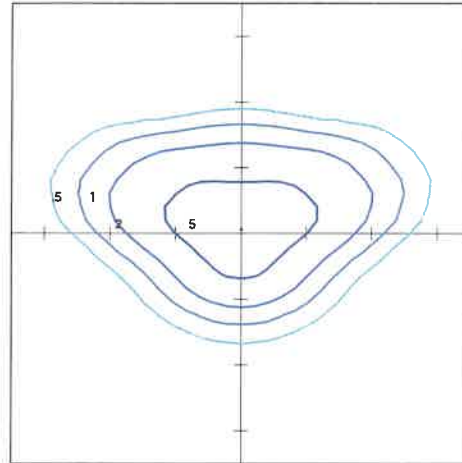
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

MRS-LED-18L-SIL-2-40-70CRI

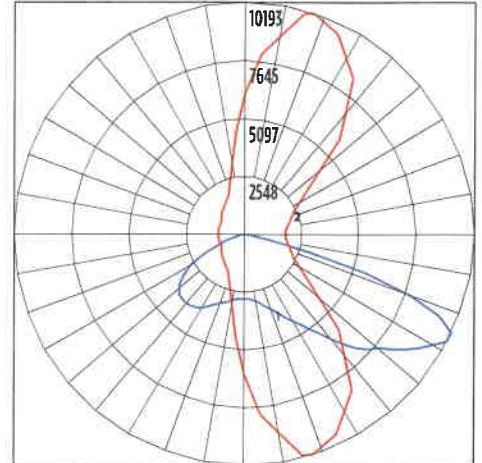
Luminaire Data	
Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,532
Watts	135
Efficacy	130
IES Type	Type II - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2831	16%
Medium (30-60)°	10310	59%
High (60-80)°	4208	24%
Very High (80-90)°	184	1%
Uplight (90-180)°	0	0%
Total Flux	17532	100%

ISO FOOTCANDLE



POLAR CURVE



20' Mounting Height/20' Grid Spacing

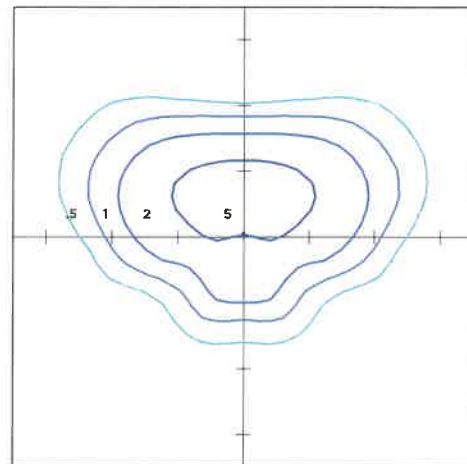
■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

MRS-LED-18L-SIL-3-40-70CRI

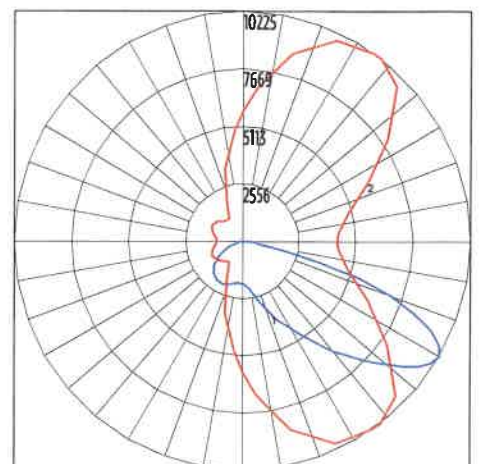
Luminaire Data	
Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,417
Watts	135
Efficacy	137
IES Type	Type III - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2329	13%
Medium (30-60)°	10634	61%
High (60-80)°	5246	30%
Very High (80-90)°	208	1%
Uplight (90-180)°	0	0%
Total Flux	18417	100%

ISO FOOTCANDLE



POLAR CURVE



20' Mounting Height/20' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC



Mirada Small Area Light (MRS)

Type: _____

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PHOTOMETRICS (CONT)

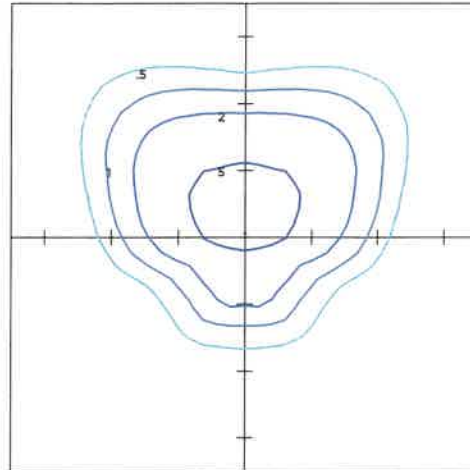
[Back to Quick Links](#)

MRS-LED-18L-SIL-FT-40-70CRI

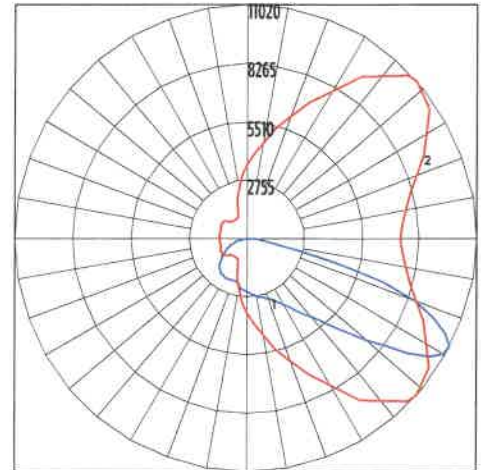
Luminaire Data	
Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,682
Watts	135
Efficacy	131
IES Type	Type III - Short
BUG Rating	B3-U0-G2

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	2255	13%
Medium (30-60)°	9463	54%
High (60-80)°	5696	32%
Very High (80-90)°	268	2%
Uplight (90-180)°	0	0%
Total Flux	17682	100%

ISO FOOTCANDLE



POLAR CURVE



20' Mounting Height/20' Grid Spacing

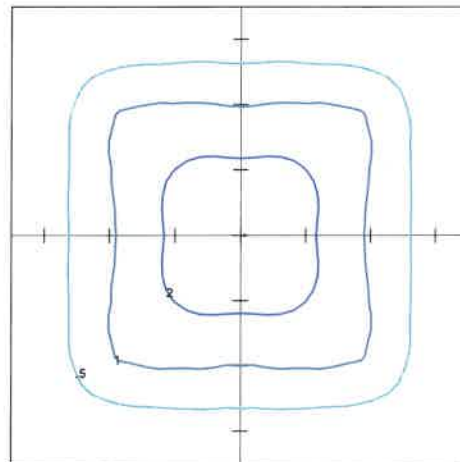
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MRM-LED-30L-SIL-5W-40-70CRI

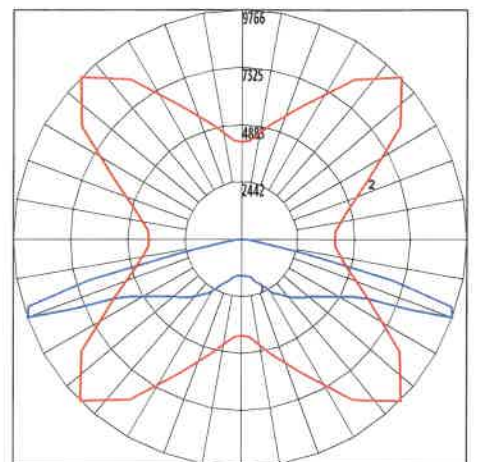
Luminaire Data	
Type SW Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,636
Watts	135
Efficacy	131
IES Type	Type VS - Short
BUG Rating	B4-U0-G2

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30)°	1646	9%
Medium (30-60)°	7453	43%
High (60-80)°	8405	48%
Very High (80-90)°	132	1%
Uplight (90-180)°	0	0%
Total Flux	17636	100%

ISO FOOTCANDLE



POLAR CURVE



20' Mounting Height/20' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC



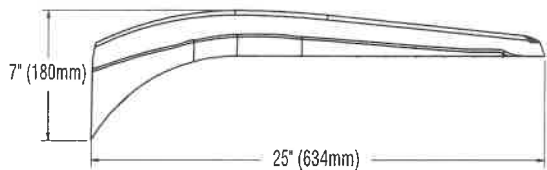
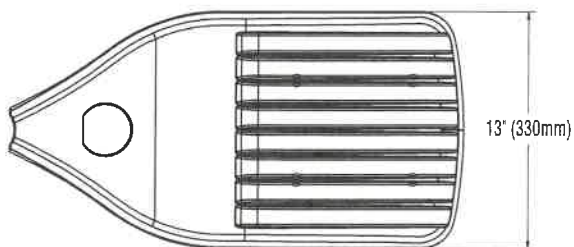
Mirada Small Area Light (MRS)







Type: _____

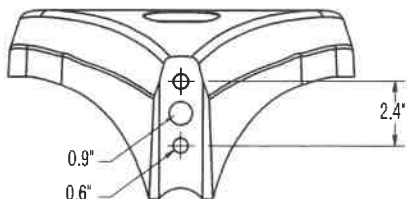
 **Have questions?** Call us at (800) 436-7800

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PRODUCT DIMENSIONS



LUMINAIRE EPA CHART - MRS									
Tilt Degree				Tilt Degree					
	Single	0°	30°	45°		0°	30°	45°	
	Single	0.5	1.3	1.8		T90°	1.4	2.3	2.6
	D180°	0.9	1.3	1.8		TN120°	1.4	1.9	2.3
	D90°	0.9	1.8	2.2		Q90°	1.4	2.3	2.6



B3 Drill Pattern

CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more about AirLink.](#)

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more about IMSBT.](#)

AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more about AirLink Blue.](#)



Mirada Medium Wall Sconce (XWM)

Outdoor Wall Sconce



IK08



OVERVIEW

Lumen Range	3,000 - 21,000
Wattage Range	23 - 175
Efficacy Range (LPW)	125 - 158
Weight lbs(kg)	30 (13.6)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Hinged die-cast aluminum wiring access door located underneath.
- Galvanized-steel universal wall mount bracket comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire.
- Optional pole-mounting bracket (XPMa) permits mounting to standard poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP65 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, and Forward Throw (FT) distributions.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-

circuit and over temperature protection.

Custom lumen and wattage packages available.

- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours
- Total harmonic distortion: <20%
- 3L to 12L operating temperature: -40°C to +50°C (-40°F to +122°F)
- 15L operating temperature: -40°C to +45°C (-40°F to +113°F).
- 18L operating temperature: -40°C to +40°C (-40°F to +104°F).
- 21L operating temperature: -40°C to +35°C (-40°F to + 95°F).
- Power factor: >.90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed via hinged door.
- Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode.

Controls

- Integral passive infrared Bluetooth™ motion and photocell sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are

easily implemented via an intuitive app.

- LSI's AirLink™ Blue lighting control system is a simple feature rich wireless Bluetooth mesh network. The integrated fixture sensor module provides wireless control of grouped fixtures based on motion sensors, daylight or a fully customizable schedule.

Installation

- Universal wall mounting plate easily mounts directly to 4" octagonal or square junction box.
- 2 fasteners secure the hinged door underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing.
- Optional terminal block accepts up to 12 ga wire.

Warranty

- LSI LED Fixtures carry a 5-year warranty.
- 1 Year warranty on Battery Back-up option.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K or lower color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP65 rated luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications when pole mounted (using optional XPMa bracket) or wall mounted.
- IK08 rated luminaire per IEC 66262 mechanical impact code
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.





Mirada Wall Sconce (XWM)

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **XWM 2 LED 03L 30 UE BRZ ALSC**

Family	Distribution	LED Technology	Lumen Package	Color Temperature	Voltage
XWM - Mirada Medium Wall Sconce	2 - Type 2 3 - Type 3 FT - Type 4 Forward Throw	LED	3L - 3,000 lms 4L - 4,000 lms 6L - 6,000 lms 8L - 8,000 lms 12L - 12,000 lms 15L - 15,000 lms 18L - 18,000 lms 21L - 21,000 lms Custom Lumen Packages ⁶	30 - 3000K 40 - 4000K 50 - 5000K AMB - Phosphor Converted Amber ¹	UE - Universal Voltage (120-277V) HV - High Voltage (347-480V)

Finish	Controls (Choose One)	Options
BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	<p>Wireless Controls</p> <p>ALSC - AirLink Synapse Control System ALSCS01 - AirLink Synapse Control System with 8-12' Motion Sensor ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor ALBSC1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ALBSC2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height)</p> <p>Standalone Controls</p> <p>DIM - 0-10v Dimming leads extended to housing exterior IMSBT1 - Integral Bluetooth[®] Motion and Photocell Sensor max 8-24' mounting height⁴ IMSBT2 - Integral Bluetooth Motion and Photocell Sensor max 25-40' mounting height⁴</p> <p>Button Type Photocells</p> <p>PC120 - 120V PC208-277 - 208-277V PC347 - 347V</p>	<p>BB - Battery Back-up (0°C)² CWBB - Cold Weather Battery Backup (-20°C)² XPMA - Pole Mounting Bracket SPI - 10kV Surge Protection TB - Terminal Block</p>

ACCESSORY ORDERING INFORMATION⁷

Description	Order Number	Description	Order Number
XWM Surface Wiring Box	356915CLR	FK347 - Single Fusing	FK347 ⁵
10' Linear Bird Spike Kit (2' Recommended per Luminaire)	75163Z	DFK - Double Fusing	DFK208 ⁵
FK120 - Single Fusing	FK120 ⁵	DFK - Double Fusing (240V)	DFK240 ⁵
FK277 - Single Fusing	FK277 ⁵	DFK - Double Fusing (480V)	DFK480 ⁵

1. Only available in 6L Lumen Package. Consult factory for lead time and availability.
2. Not available in HV.
3. Consult Factory for Site Layout.
4. IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Fusing must be located in a hand hole for pole or in the junction box.
6. Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.
7. Accessories are shipped separately and field installed.





Mirada Wall Sconce (XWM)

PERFORMANCE

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DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000K			4000K			5000K			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
03L	2	70	3178	138	B1-U0-G1	3368	146	B1-U0-G1	3313	143	B1-U0-G1	23
	3	70	3224	140	B1-U0-G1	3416	148	B1-U0-G1	3361	145	B1-U0-G1	
	FT	70	3160	137	B1-U0-G1	3349	145	B1-U0-G1	3294	143	B1-U0-G1	
04L	2	70	4230	139	B1-U0-G1	4483	147	B1-U0-G1	4410	145	B1-U0-G1	30
	3	70	4291	141	B1-U0-G1	4547	150	B1-U0-G1	4473	147	B1-U0-G1	
	FT	70	4206	138	B1-U0-G1	4458	147	B1-U0-G1	4385	144	B1-U0-G1	
06L	2	70	6326	134	B2-U0-G1	6704	142	B2-U0-G2	6595	140	B2-U0-G2	47
	3	70	6417	136	B1-U0-G2	6800	144	B1-U0-G2	6689	142	B1-U0-G2	
	FT	70	6290	134	B2-U0-G2	6666	142	B2-U0-G2	6557	139	B2-U0-G2	
08L	2	70	8166	128	B2-U0-G2	8654	135	B2-U0-G2	8513	133	B2-U0-G2	64
	3	70	8283	129	B2-U0-G2	8778	137	B2-U0-G2	8635	134	B2-U0-G2	
	FT	70	8120	126	B2-U0-G2	8605	134	B2-U0-G2	8465	132	B2-U0-G2	
12L	2	70	11902	146	B3-U0-G2	12358	151	B3-U0-G2	12927	158	B3-U0-G2	82
	3	70	11834	145	B2-U0-G2	12287	150	B2-U0-G2	12853	157	B2-U0-G2	
	FT	70	11737	143	B2-U0-G2	12186	149	B2-U0-G2	12747	156	B2-U0-G2	
15L	2	70	14662	140	B3-U0-G3	15223	145	B3-U0-G3	15924	152	B3-U0-G3	105
	3	70	14603	139	B2-U0-G2	15162	145	B2-U0-G3	15860	151	B2-U0-G3	
	FT	70	14502	139	B2-U0-G3	15057	144	B2-U0-G3	15750	150	B2-U0-G3	
18L	2	70	17403	134	B3-U0-G3	18069	139	B3-U0-G3	18901	145	B3-U0-G3	130
	3	70	17438	134	B3-U0-G3	18106	139	B3-U0-G3	18940	146	B3-U0-G3	
	FT	70	17259	133	B3-U0-G3	17920	138	B3-U0-G3	18745	144	B3-U0-G3	
21L	2	70	20380	127	B3-U0-G3	21160	132	B3-U0-G3	22134	138	B4-U0-G3	161
	3	70	20375	125	B3-U0-G3	21155	131	B3-U0-G3	22129	131	B3-U0-G3	
	FT	70	20215	126	B3-U0-G3	20989	130	B3-U0-G3	21955	136	B3-U0-G3	

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*						
Lumen Package	120V	208V	240V	277V	347V	480V
03L	0.19	0.11	0.10	0.08	0.07	0.05
04L	0.25	0.15	0.13	0.11	0.09	0.06
06L	0.39	0.23	0.20	0.17	0.14	0.10
08L	0.54	0.31	0.27	0.23	0.19	0.13
12L	0.68	0.39	0.34	0.30	0.24	0.17
15L	0.87	0.50	0.44	0.38	0.30	0.22
18L	1.08	0.63	0.54	0.47	0.37	0.27
21L	1.34	0.77	0.67	0.58	0.46	0.34

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

DELIVERED LUMENS*					
Lumen Package	Distribution	Amber			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
6L	2	3325	76	B1-U0-G1	43.5
	3	3385	78	B1-U0-G1	
	FT	3343	77	B1-U0-G1	

RECOMMENDED LUMEN MAINTENANCE (3L-8L) ¹					
Ambient Temperature C	Initial ²	25K hrs. ²	50K hrs. ³	75K hrs. ³	100K hrs. ³
0 C - 50 C	100%	98%	95%	93%	90%

RECOMMENDED LUMEN MAINTENANCE (12L-21L) ¹					
Ambient Temperature C	Initial ²	25K hrs. ²	50K hrs. ³	75K hrs. ³	100K hrs. ³
0 - 35 C	99%	97%	95%	93%	91%

- 1 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
- 2 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
- 3 - Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing times the IESNA LM-80-08 total test duration for the device under testing



Mirada Wall Sconce (XWM)

PHOTOMETRICS

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All published luminaire photometric testing performed to IESNA LM-79 standards. ISO footcandle plots below demonstrate the Mirada Wall Sconce (XWM) light patterns only. Not for total fixture output. For complete specifications and IES files, see website.

XWM-2-LED-6L-40

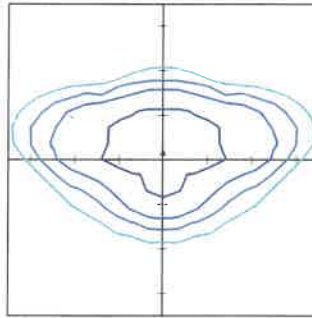
LUMINAIRE DATA

Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	6,025
Watts	44.7
Efficacy	135
IES Type	Type III - Medium
BUG Rating	B2-U0-G2

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	807.1	13.4%
Medium (30-60)°	3301.0	54.8%
High (60-90)°	1847.4	30.7%
Very High (90-90)°	69.2	1.1%
Uplight (90-180)°	0.0	0.0%
Total Flux	6024.7	100%

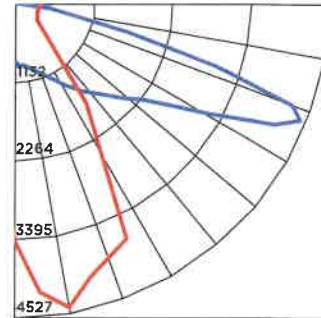
ISO FOOTCANDLE PLOT



15' Mounting Height / 10' Grid Spacing



POLAR CURVE



XWM-3-LED-6L-40

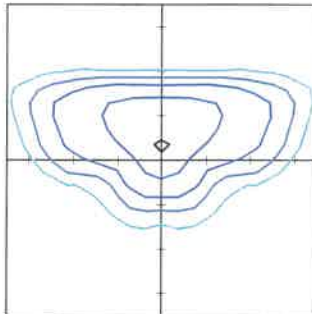
LUMINAIRE DATA

Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	6,133
Watts	44.7
Efficacy	137
IES Type	Type III - Medium
BUG Rating	B1-U0-G2

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	567.4	9.3%
Medium (30-60)°	3106.3	50.6%
High (60-90)°	2368.8	38.6%
Very High (90-90)°	90.7	1.5%
Uplight (90-180)°	0.0	0.0%
Total Flux	6133.2	100%

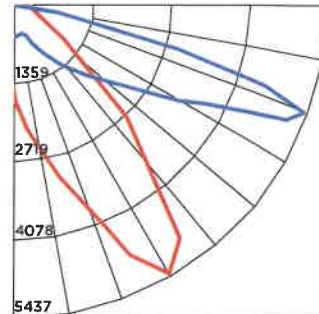
ISO FOOTCANDLE PLOT



10' Mounting Height / 10' Grid Spacing



POLAR CURVE



XWM-FT-LED-6L-40

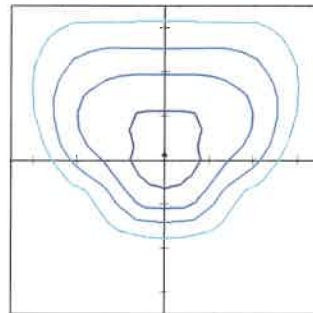
LUMINAIRE DATA

Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	6,058
Watts	44.7
Efficacy	136
IES Type	Type IV - Short
BUG Rating	B1-U0-G2

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	779.0	12.9%
Medium (30-60)°	2584.4	42.7%
High (60-90)°	2573.2	41.7%
Very High (90-90)°	170.8	2.8%
Uplight (90-180)°	0.0	0.0%
Total Flux	6057.4	100.0%

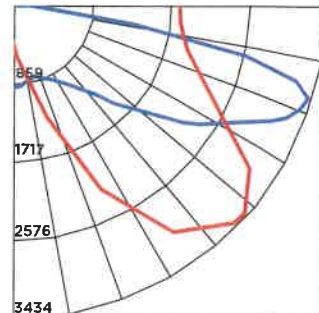
ISO FOOTCANDLE PLOT



10' Mounting Height / 10' Grid Spacing



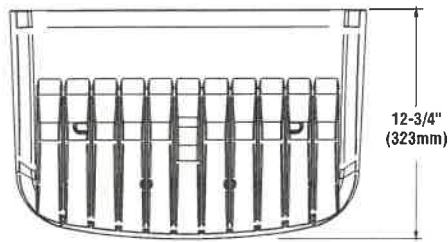
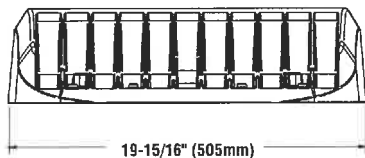
POLAR CURVE



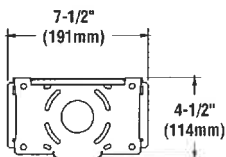


Mirada Wall Sconce (XWM)

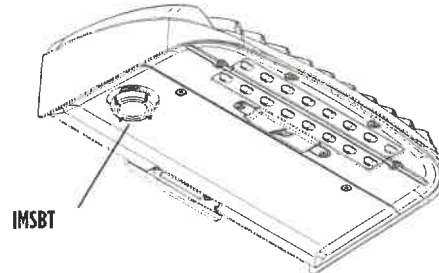
PRODUCT DIMENSIONS

[Back to Quick Links](#)12-3/4"
(323mm)

19-15/16" (505mm)

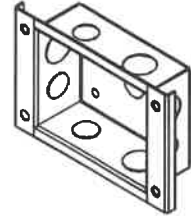
7-1/2"
(191mm)4-1/2"
(114mm)5-5/16"
(134mm)

Luminaire Shown with IMSBT



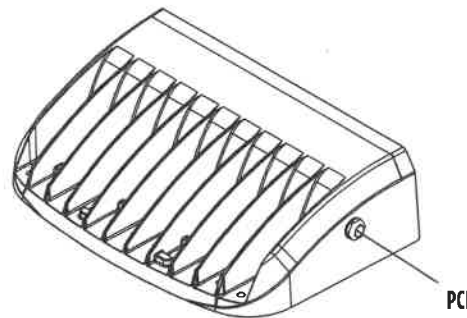
IMSBT

Surface Wiring Box



Wet location rated surface wiring box features 1/2" and 3/4" knockouts for surface conduit

Luminaire Shown with PCI



PCI

CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more about AirLink.](#)

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more about IMSBT.](#)

AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more about AirLink Blue.](#)



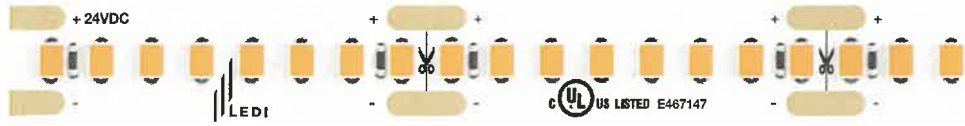


Inspire V5 Spec 2.8

LED Tape Light

Performance Data

TYPE FC2



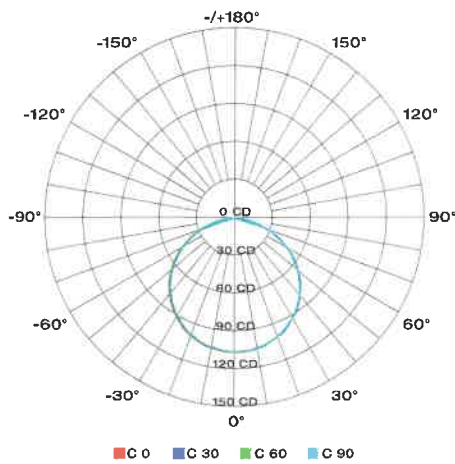
4000K Performance Summary

TM-30-15	
Rf	Rg
88	98

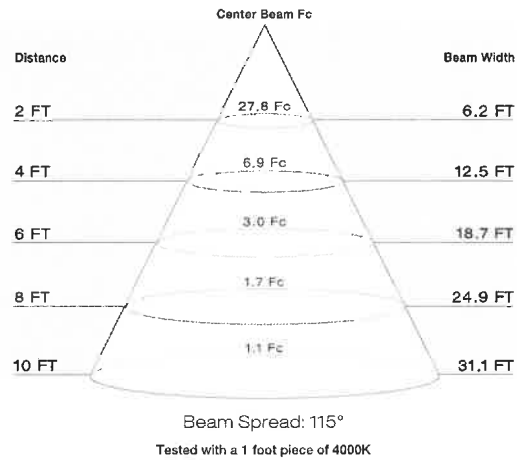
Color Temperature	Lumens/FT	Efficacy (LM/W)	CRI	R9
4000K	303	108	94+	90

4000K Photometrics

Polar Candela Distribution

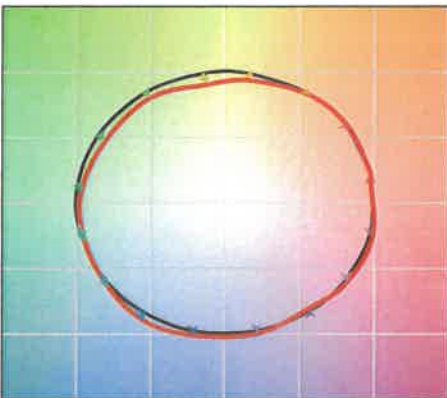


Illumination at a Distance



4000K TM-30-15

Color Vector Graphic



Hue Bin	Fidelity Index	Chroma Change
1	91	0%
2	94	1%
3	94	0%
4	88	-5%
5	86	-9%
6	92	-5%
7	87	-6%
8	86	-3%
9	82	-1%
10	80	1%
11	83	6%
12	93	3%
13	92	2%
14	93	-1%
15	87	2%
16	87	2%