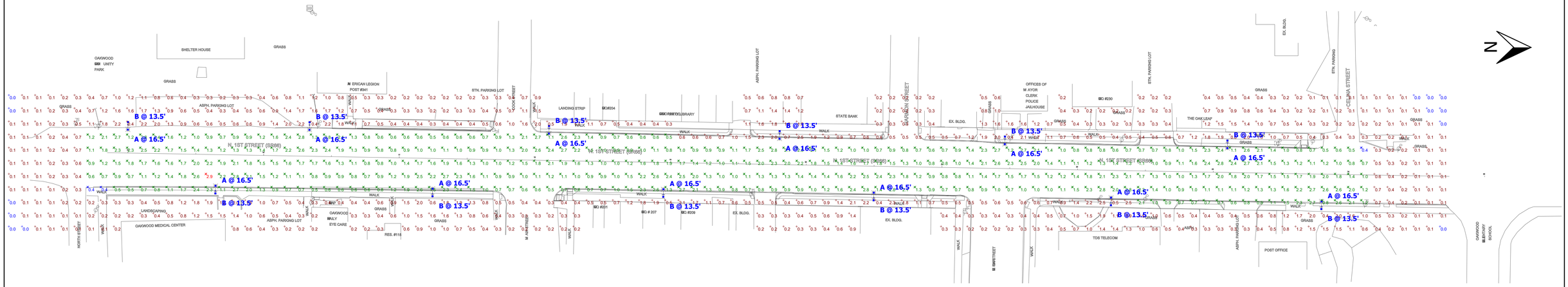


Plan View
Scale - 1" = 35ft

Mounting Height Note
MOUNTING HEIGHT IS MEASURED FROM GRADE TO FACE OF FIXTURE. POLE HEIGHT SHOULD BE CALCULATED AS THE MOUNTING HEIGHT LESS BASE HEIGHT.

Drawing Note
THIS DRAWING WAS GENERATED FROM AN ELECTRONIC IMAGE FOR ESTIMATION PURPOSE ONLY. LAYOUT TO BE VERIFIED IN FIELD BY OTHERS.

General Note
1. SEE SCHEDULE FOR LUMINAIRE MOUNTING HEIGHT.
2. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: 0' - 0"

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

UNLESS EXEMPT, PROJECT MUST COMPLY WITH LIGHTING CONTROLS REQUIRMENTS DEFINED IN ASHRAE 90.1 2013. FOR SPECIFIC INFORMATION CONTACT GBA CONTROLS GROUP AT ASG@GASSERBUSH.COM OR 734-266-6705.

Ordering Note
FOR INQUIRIES CONTACT GASSER BUSH AT QUOTES@GASSERBUSH.COM OR 734-266-6705.

Schedule

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage	Mounting Height
	A	12	LCLS-APA-CP-III-80LED-NW	PENDANT, 10 LED MODULES - EXTRUDED FINNED DIFFUSE METAL HOUSING WITH 8 LEDS. PRISMATIC GLASS TEARDROP DIFFUSER. SCALED FROM 60LED	LED	80	87	0.9	88.2	16'-6"
	B	12	LCLS-APA-CP-V-80LED-WW	PENDANT, 10 LED MODULES - EXTRUDED FINNED DIFFUSE METAL HOUSING WITH 8 LEDS. PRISMATIC GLASS TEARDROP DIFFUSER. SCALED FROM 60LED	LED	80	94	0.9	88	13'-6"

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
NORTH 1ST STREET		1.4 fc	2.9 fc	0.4 fc	7.3:1	3.5:1	0.5:1

SOLID STATE AREA LIGHTING

PROJECT NAME:

FIXTURE TYPE:

LCLS SERIES-LED

S P E C I F I C A T I O N S

LUMINAIRE
Prismatic borosilicate glass diffusing lens provided with durable corrosion resistant cast aluminum housing. Top and bottom are hinged for access with separate driver and led compartments. Pendant Mount using Tru-Level™ ball aligner coupling mount. All hardware is stainless steel.

LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube's internal components.

ANGLED POWER ARRAY™: Micro-Reflectors mounted around each LED control the raw light output. LED Tubes are uniquely aimed horizontally and vertically and combined to produce highly efficient IES Distribution Types II, III, IV and V.

LED EMITTERS
High Output LED's are driven at 350mA for nominal 1 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

LCLS-D
PATENT PENDING

LCLS-S
SHOWN WITH -RSD OPTION
PATENT PENDING

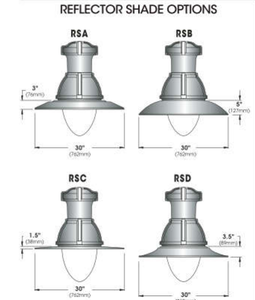
c UL us LISTED
MADE IN THE USA
2018332

Sun Valley Lighting
6460 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usvlig.com

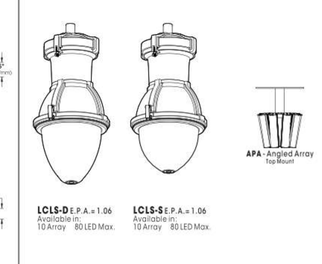
LCLS SERIES - LED

S P E C I F I C A T I O N S

REFLECTOR SHADE OPTIONS



LED POWER ARRAY™ MODULES



LCLS-D E.P.A.=1.06
Available in:
10 Array 80 LED Max.

LCLS-S E.P.A.=1.06
Available in:
10 Array 80 LED Max.

O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS
LUMINAIRE	**OPTICS**	**LED**			**MOUNTING**	**FINISH**	**OPTIONS**
LUMINAIRE ☐ LCLS-D ☐ LCLS-S	ANGLED POWER ARRAY (CLEAR PRISMATIC LENS) ☐ APA - II ☐ APA - III ☐ APA - IV ☐ APA - V	No. LEDs ☐ 80LED ☐ 60LED ☐ 40LED	COLOR ☐ NW (4000K)* *STANDARD ☐ CW (5000K) ☐ WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	VOLTAGE ☐ 120 ☐ 208 ☐ 240 ☐ 277 ☐ 347 ☐ 480	ARM MOUNT ☐ 1 ☐ 2-180 ☐ 2-90 ☐ 3-90 ☐ 3-120 ☐ 4-90 WALL MOUNT ☐ WM	STANDARD TEXTURED FINISH ☐ BLACK RAL-9005-T ☐ WHITE RAL-9003-T ☐ GREY RAL-7004-T ☐ DARK BRONZE RAL-8019-T ☐ GREEN RAL-6005-T FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S) * SEE USVLTD COMPOSITE FINISH CHART FOR ADDITIONAL COLORS	LENS OPTIONS: ☐ PRISMATIC GLASS ... GR (STANDARD LENS) ☐ PRISMATIC POLYCARBONATE ... PR ☐ PRISMATIC ACRYLIC ... AR ☐ REFLECTOR SHADE ☐ RSA ☐ RSB ☐ RSC ☐ RSD ☐ HOUSE SIDE SHIELD ... HS ☐ DIMMABLE DRIVER(S) (0-10V) ... DIM ☐ HIGH/LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR ... HLSW ☐ PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ... PC+V ☐ 10KV SURGE PROTECTOR ... 10SP ☐ 20KV SURGE PROTECTOR (277V & 480V ONLY) ... 20SP ☐ STEM MOUNT + LENGTH(IN) (EXAMPLE: SM48) ... SM+L ☐ CHAIN MOUNT + LENGTH(IN) (EXAMPLE: CM48) ... CM+L

Sun Valley Lighting
6460 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usvlig.com

VILLAGE OF OAKWOOD
PHOTOMETRIC SITE PLAN
PREPARED FOR: POGGEMEYER DESIGN GROUP
GASSER BUSH ASSOCIATES
WWW.GASSERBUSH.COM

Designer
JC/KB
Date
2/15/2021
Scale
Not to Scale
Drawing No.
#21-58968-V1
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