



ELECTRICAL PRE CURFEW PHOTOMETRIC PLAN

SCALE: 1" = 30'-0"



Luminaire Schedule									
QTY	Label	Symbol	Manufacturer	Description	Mtg Height	LLF	Lumens	Watts	Total Watts
9	SW	□	U.S. ARCHITECTURAL LIGHTING	R2R-WM3-PLD-IV-FT-60LED-1050mA-NW	25'	0.900	39691	192.3	1730.7
Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min		
Site Planar	Illuminance	Fc	0.99	5.0	0.0	N.A.	N.A.		

LUMINAIRE SCHEDULE

1. PROVIDE 90 MINUTE EMERGENCY BATTERY BACK-UP FOR ALL EMERGENCY FIXTURES. SEE SCHEDULE BELOW FOR SPECIFICATIONS AND LUMEN REQUIREMENTS.
2. MODULAR WRING SYSTEM FOR LIGHT FIXTURES IS AN ACCEPTABLE ALTERNATE.
3. BASE BID FOR LUMINAIRES SHALL BE BASED ON MANUFACTURERS LISTED IN CONTRACT DOCUMENTS. UPON AWARD OF PROJECT, ALTERNATES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED WITH WRITTEN OWNER APPROVAL & AN ITEMIZED DEDUCT TO BASE BID.
4. ALTERNATE FIXTURE SELECTIONS MAY REQUIRE ADDITIONAL TIME FOR SUBMITTAL REVIEW & POSSIBLE ENGINEERING DESIGN CHANGES, TO BE BILLED TO THE CONTRACTOR.
5. PROVIDE MINIMUM 10 MINUTE TIME DELAY ON EMERGENCY FIXTURES WHEN HID AREA LIGHTING IS USED.

MARK	MANUFACTURER MODEL NUMBER	VOLTS	LAMPS OR CCT INPUT WATTS	REMARKS/MOUNTING
SW	US ARCHITECTURAL R2R-WM3-PLD-IV-FT ~60LED-1050mA-NW	MVOLT	LED 195W	WALL MOUNT FIXTURE AT 25'.

EXTERIOR IECC WATT PER SQUARE FOOT COMPLIANCE

WATTS USED

DESIGNATION	QUANTITY	WATTS	SUB-TOTAL W
SW	9	x 195	= 1755 W
TOTAL WATTS USED =			1755 W

WATTS ALLOWED - TRADEABLE AREA

PARKING LOTS	99530	x 0.15W/s.f.	= 14930 W
MAIN ENTRIES	12	x 30.0W/ft.	= 360 W
TOTAL TRADEABLE WATTS ALLOWED =			15290 W

COMPLIANCE

TOTAL WATTS ALLOWED	=	15290 W
TOTAL WATTS USED	=	1755 W
TOTAL COMPLIANCE BY	=	13535 W

TABLE PROVIDED AS COMPLIANCE MATERIAL TO MEET IECC
POWER ALLOWANCE. METHOD IS ACCEPTABLE PER IECC C101.6.1

NOTE:
PRE-CURFEW DESIGN HOURS SHALL BE DESIGNED AS DUSK TO 10:00PM
AND POST-CURFEW DESIGN HOURS SHALL BE DEFINED AS 10:00PM UNTIL
DAWN. ALL EXTERIOR LIGHTS SHALL BE DIMMED BY 35% DURING
POST-CURFEW TO COMPLY WITH IECC 2018 C405.2.6. EXTERIOR LIGHTING
CONTROLS.

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VIP PRODUCTS
GOODYEAR, AZ.
ELECTRICAL PRE CURFEW PHOTOMETRIC PLAN
Approved 07/01/21 21-2119 - VIP PRODUCTS

ES-200
40012.010
24FEB21



DESIGN CODES
IECC. 2018 NEC. 2017

ELECTRICAL CONTRACTOR SHALL NOTIFY
DESIGNER/ENGINEER PRIOR TO ANY DEVIATION
FROM THIS SET OF ELECTRICAL DESIGN PLANS.
ANY CHANGES TO THE DESIGN, IF APPROVED
BY ENGINEER, WILL REQUIRE REVISIONS TO
PLANS AND POSSIBLE ADDITIONAL SERVICE
FEE.

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IF DRAWING IS NOT PLOTTED AT 24 X 36 THEY ARE NOT FULL SIZE