ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER OF RECORD. THEY ARE ONLY TO BE USED FOR THIS PROJECT AND ARE NOT TO BE USED ON ANY OTHER PROJECT WITHOUT WRITTEN AGREEMENT AND APPROPRIATE COMPENSATION TO THE ENGINEER OF RECORD.

Luminaire Schedule

Symbol	Qty	Label	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	3	W4F	RWL2-160L-95-4K-4F	0.900	12179	95	285
	5	P4F-HSS	VP-1-160L-100-4K7-4F-HSS-90-B	0.900	12072	97.15	485.75
	3	P4W	VP-1-160L-100-4K7-4W	0.900	13006	97.153	291.459
	1	P3	VP-1-160L-100-4K7-3	0.900	13227	97.153	97.153

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	2.54	7.0	0.1	25.40	70.00
TRESSPASS	Illuminance	Fc	0.04	0.7	0.0	N.A.	N.A.

KEYNOTES

1. LIGHTING FOR THE WALKWAYS WILL BE PROVIDED BY WALL-MOUNTED DOWN CASTING FIXTURES LOCATED ON PROPOSED BUILDING. FINAL LOCATION TO BE DETERMINED DURING BUILDING DESIGN.
2. EXTERIOR LIGHTING, EXCEPT SECURITY LIGHTING, WILL BE CONTROLLED BY A TIME CLOCK TO BE TURNED OFF DURING NON-OPERATING HOURS.

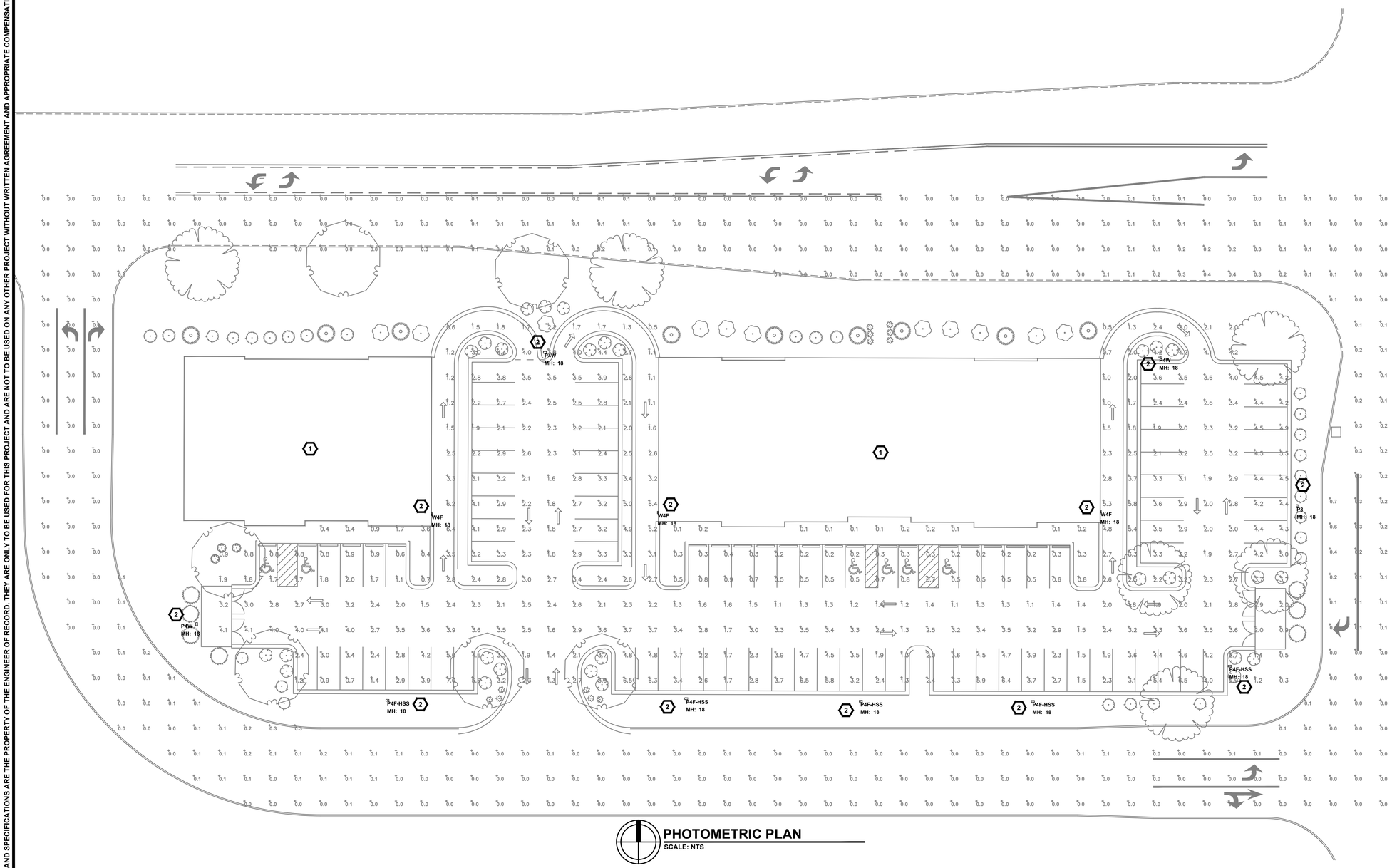
GENERAL NOTES

A. DRAWINGS ARE BASED ON RECORD DRAWINGS (NOT GUARANTEED TO BE CURRENT AT TIME OF CONSTRUCTION) AND FIELD INVESTIGATION WITH DEMOLITION. EXAMINE PLANS AND VISIT THE SITE TO FIELD VERIFY ACTUAL CONDITIONS AND COORDINATE SAME WITH OTHER TRADES PRIOR TO STARTING WORK.

B. A LICENSED AND BONDED CONTRACTOR SHALL BE USED FOR INSTALLATION. ALL LOCAL CODES SHALL BE FOLLOWED DURING INSTALLATION.

C. ALL LIGHTING FIXTURES SHALL BE FULL CUT-OFF OR HAVE SHIELDING TO REDUCE OFF-SITE LIGHTING IMPACTS ONTO ADJACENT PROPERTIES AND ROADWAYS. ALL EXTERIOR LIGHTING SHALL BE ARRANGED TO MITIGATE LIGHT DIRECTED AWAY FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY. AN AMENDMENT TO THIS PLAN MAY BE REQUIRED IF THE LIGHTING TYPE IS CHANGED.

D. A FINAL COMMISSIONING REPORT SHALL BE DELIVERED TO THE BUILDING OWNER PER SECTION C408.2.5 OF THE 2021 IECC.



PHOTOMETRIC PLAN
SCALE: NTS

ENGINEER SEAL:

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BENT GRASS CORE AND SHELL
11716 BENT GRASS MARKET VW
PEYTON, CO 80831

NO.	REVISION	DATE
A	ISSUED FOR DP REVIEW	10/06/2023

PROJECT NO: 23-0451
DRAWN BY: MPC
CHECKED BY: MPC
DATE: 10/06/2023

SHEET CONTENTS:

PHOTOMETRIC PLAN

SHEET NUMBER:

E100A

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DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE | STRIKE OPTICS

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls®, wiSCAPE and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

10 DAY QUICK SHIP PROGRAM QS

c UL us IP65 DLC LISTED DLC LISTED PREMIUM

CONTROL TECHNOLOGY

NX LIGHTING CONTROLS wiSCAPE

SPECIFICATIONS

CONSTRUCTION
- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS
- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications such as parking lots and roadways, which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined within the application. Catalog logic found on page 2
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION
- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)
- Knuckle arm filter option available for 2-3/8" OD tenon

ELECTRICAL
- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3. Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

CONTROLS
- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41.2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- NX Distributed Intelligence™ available with Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ®, and Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ®
- Not all product variations listed in this document are DLC® (DesignLights Consortium Qualified). Refer to designlights.org for most up-to-date list.

CONTROLS (CONTINUED)
- 0- 10V Dimming Drivers are standard and dimming leads are extended out of the luminaire for easy installation and simple connection to the dimming leads. Must specify if wiring leads are to be greater than the 6" standard
- NX Lighting Controls® available with in fixture wireless control module, features dimming and occupancy sensor
- wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor
- wiSCAPE® Mesh available with in fixture wireless control module, features dimming and occupancy sensor

CERTIFICATIONS
- DLC® (DesignLights Consortium® Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to designlights.org for the most up-to-date list
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See Buy American Solutions

WARRANTY
- 5 year warranty

KEY DATA	
Lumen Range	5,000–80,000
Wattage Range	36–600
Efficacy Range (LPW)	92–155
Weight lbs. (kg)	13.7-30.9 (6.2-13.9)

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TYPE "P3"/"P4W"/"P4F-HSS" FIRTUE

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DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Service Program Limit of 15 luminaires QS

Example: VP–2–320L-145–3K7–2–R–UNV–A3–BLT

CATALOG #

VP											
Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP: Viper	Micro Strike	1: Size 1 2: Size 2 3: Size 3 4: Size 4	160L-35 [8] 5500 Lumens 160L-50 [8] 7500 Lumens 160L-75 10000 Lumens 160L-100 12500 Lumens 160L-115 15000 Lumens 160L-135 18000 Lumens 160L-160 [1] 21000 Lumens 320L-145 21000 Lumens 320L-170 24000 Lumens 320L-185 27000 Lumens 320L-210 30000 Lumens 320L-235 33000 Lumens 320L-255 36000 Lumens 320L-315 [1] 40000 Lumens 480L-265 40000 Lumens 480L-320 44000 Lumens 480L-340 48000 Lumens 480L-390 52000 Lumens 480L-425 55000 Lumens 480L-470 [1] 60000 Lumens 720L-435 60000 Lumens 720L-475 65000 Lumens 720L-515 70000 Lumens 720L-565 [1] 75000 Lumens 720L-600 [1] 80000 Lumens CLO Custom Lumen Output [1]	AP: AP-Amber Phosphor Converted 27K8: 2700K, 80 CRI 3K7: 3000K, 70 CRI 3K8: 3000K, 80 CRI 35K8: 3500K, 80 CRI 4K7: 4000K, 70 CRI 4K8: 4000K, 80 CRI 5K7: 5000K, 70 CRI 5K8: 5000K, 80 CRI	2: Type 2 3: Type 3 4F: Type 4 Forward 4W: Type 4 Wide 5QW: Type 5 Square Wide	BLANK: No Rotation L: Optic rotation left R: Optic rotation right	UNV: 120-277V 120: 120V 208: 208V 240: 240V 277: 277V 347: 347V 480: 480V

Mounting	
A	Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole [4]
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole [4]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [4]
ADU	Decorative upsweept Arm (universal drill pattern)
AD_U	Decorative upsweept arm mount for round pole [4]
MAF	Mast arm filter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upsweept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured
Color Option	
CC	Custom Color

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control [4]
TB	Terminal Block

Network Control Options	
NXW16F	NX Networked Wireless Enabled Integral NX0MF0-LMO PR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [5,6]
NXW14F	NX Networked Wireless Enabled Integral NX0MF0-HMO PR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [5,6]
NXW	NX Networked Wireless Radio Module NX0RM2 and Bluetooth Programming, without Sensor [6]
WIR	wiSCAPE® In-Fixture Module [6,4]
WIRSC	wiSCAPE® Module and Occupancy Sensor [6,4]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMF-LMO PR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [6]
BTS-40F	Bluetooth® Programmable, BTSMF-HMO PR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [6]
BTSO-12F	Bluetooth® Programmable, BTSMF-OMNI-O PR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [6]
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-7	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP_F	Senior Control Programmable, BF or 40F [6,4]
AOD	AutoOn Timer Based Dimming [4]
AOT	AutoOn Time of Day Dimming [4]
Photocontrols	
PC	Button Photocontrol [4,7]

1 – Items with a gray background can be done as a custom order. Contact brand representative for more information
2 – Replace "_" with "2" for 2.3"-3.4" OD poles, "3" for 3.5"-4.0" OD poles, "5" for 4.1"-4.9" OD poles, "7" for 5.0"-6.0" OD pole
3 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 40F
8 – BC not available on 4F and type 5 distributions
9 – BTS and BTSO are only available on Size 3 and Size 4
10 – At least one SCPREMOTE required to program SCP motion sensor. Must select BF or 40F.

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TYPE "P3"/"P4W"/"P4F-HSS" FIRTUE

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DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

RATIO Wall

RWL1/RWL2 LED WALLPACK

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual comfort standard
- Control options including photo control, occupancy sensing, NX Distributed Intelligence®, Wiscape and 7-Pin with networked controls
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada

10-DAY QUICK SHIP PROGRAM QS

c UL us DLC LISTED DLC LISTED PREMIUM

CONTROL TECHNOLOGY

NX LIGHTING CONTROLS wiSCAPE

SPECIFICATIONS

CONSTRUCTION
- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS
- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 48 or 160 midpower LEDs
- 3000K, 4000K or 5000K (70 CRI/80 CRI) CCT
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions. Type II only available in RWL2 configurations

INSTALLATION
- Quick-mount adapter provides easy installation for wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.
- Integral back box contains 1/2" conduit hubs
- Integral back box standard with Dual Driver, Dual Power Feed, NX, Wiscape and battery versions (battery versions for RWL1 only)

ELECTRICAL
- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V and 480V dimmable driver option for all wattages above 35W
- Ambient operating temperature -40°C to 40°C
- Driver RoHS and IP66

ELECTRICAL (CONTINUED)
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than 6" standard.

CONTROLS
- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor, wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor
- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -25°C to 40°C. RWL1 battery is 12.5W RWL2 battery is 18W

CONTROLS (CONTINUED)
- Dual Driver and Dual Power Feed options creates product configuration with 2 internal drivers for code compliance
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.

CERTIFICATIONS
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- IP65 rated housing
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See Buy American Solutions
- Not all product variations listed in this document are DLC® (DesignLights Consortium Qualified). Refer to designlights.org for most up-to-date list.

WARRANTY
- 5 year limited warranty

KEY DATA	
Lumen Range	1,300–18,800
Wattage Range	10–155
Efficacy Range (LPW)	119–148
Weights lbs. (kg)	6.5/16.5 (2.9/7.5)

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TYPE "W4F" FIXTURE

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DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

RATIO Wall

RWL1/RWL2 LED WALLPACK

ORDERING GUIDE

Service Program Limit of 15 luminaires QS

Example: RWL1–48L-10–3K7–2–UNV–BLS–E

CATALOG #

Series	FLEDs / Wattage	CCT/CRI	Distribution	Voltage	Color
RWL1: Ratio Wall 1 RWL2: Ratio Wall 2	48L-10: 1,000 Lumens [4] 48L-15: 2,000 Lumens [4] 48L-20: 2,500 Lumens [4] 48L-25: 3,500 Lumens 48L-35: 4,500 Lumens 48L-45: 5,500 Lumens [4] 160L-45: 6,500 Lumens 160L-50: 7,500 Lumens 160L-65: 9,500 Lumens 160L-80: 11,000 Lumens 160L-95: 13,000 Lumens 160L-115: 15,000 Lumens 160L-135: 17,500 Lumens 160L-155: 19,500 Lumens	3K7: 3000K, 70 CRI 4K7: 4000K, 70 CRI 5K7: 5000K, 70 CRI	2: IES TYPE II 3: IES TYPE III< 4F: IES TYPE IV Forward [1] 4W: IES TYPE IV	UNV: 120-277V 120: 120V 208: 208V 240: 240V 277: 277V 347: 347V 480: 480V	BLT: Black Matte Textured BLS: Black Gloss Smooth DBT: Dark Bronze Matte Textured DBS: Dark Bronze Gloss Smooth GTT: Graphite Matte Textured LGS: Light Grey Gloss Smooth LGT: Light Grey Matte Textured PSS: Platinum Silver Smooth WHT: White Matte Textured WHS: White Gloss Smooth VGT: Verde Green Textured **Color Option** CC: Custom Color

Control Options Network	
NXW	NX Networked Wireless Radio Module NX0RM2 and Bluetooth Programming, without Sensor
NXW16F	NX Networked Wireless Enabled Integral NX0MF0-LMO PR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [2]
NXW14F	NX Networked Wireless Enabled Integral NX0MF0-HMO PR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [2]
WIR	Wireless Controls, wiSCAPE® [3]
Stand Alone Sensors	
SCP-8F	Remote control programmable line voltage sensor [2,4]
SCP-20F	Remote control programmable line voltage sensor [2,4]
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor [6]
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor [6]
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height [6]
Control Options	
7PR_	7-Pin Receptacle [4]

Options [1]	
F	Fusing [2]
E	Emergency Battery Backup [2,4]
EH	Emergency Battery w/ Heater Option [2,4]
2DR	Dual Driver [4,5]
2PF	Dual Power Feed [4,5]
PC	Button Photocontrol [4,6]
SP	10kA Surge Protector [4]

Notes:
1 Only available with RWL2
2 wiSCAPE Gateway required for system programming
3 Must specify voltage, 120V or 277V only
4 Not available with SP14W16
5 Dual Driver is not ideal for 14' mounting height, "40" for up to 40' mounting height
6 This item is located in the integral junction which will be mounted to the building wall. Plan accordingly
7 For E and EH, an integral backbox is added to the RWL1 and RWL2
8 Option only available at 120 or 277V
9 2DR and 2PF can't be combined with E and EH due to space constraints
10 Not available in RWL2 or 2-4F
11 Available only in UNV (120-277V) and 480 (Not available in RWL1 T2 and 2S Wall)
12 UNV and 480 cannot be in the same fixture due to space constraints
13 Based on space limitations, some options may not be able to be combined

CONTROLS

Control Options
Standalone
SCPREMOTE — Order at least one per project location to program and control

ACCESSORIES AND REPLACEMENT PATS - MADE TO ORDER

	Catalog Number	Description
☐	WP-EB-XXX	Accessory for conduit entry[1]

Notes:
1 replace "xxx" with color option

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TYPE "W4F" FIXTURE

GENERAL NOTES

A. DRAWINGS ARE BASED ON RECORD DRAWINGS (NOT GUARANTEED TO BE CURRENT AT TIME OF CONSTRUCTION) AND FIELD INVESTIGATION WITH DEMOLITION. EXAMINE PLANS AND VISIT THE SITE TO FIELD VERIFY ACTUAL CONDITIONS AND COORDINATE SAME WITH OTHER TRADES PRIOR TO STARTING WORK.

B. A LICENSED AND BONDED CONTRACTOR SHALL BE USED FOR INSTALLATION. ALL LOCAL CODES SHALL BE FOLLOWED DURING INSTALLATION.

C. ALL LIGHTING FIXTURES SHALL BE FULL CUT-OFF OR HAVE SHIELDING TO REDUCE OFF-SITE LIGHTING IMPACTS ONTO ADJACENT PROPERTIES AND ROADWAYS. ALL EXTERIOR LIGHTING SHALL BE ARRANGED TO MITIGATE LIGHT DIRECTED AWAY FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY. AN AMENDMENT TO THIS PLAN MAY BE REQUIRED IF THE LIGHTING TYPE IS CHANGED.

D. A FINAL COMMISSIONING REPORT SHALL BE DELIVERED TO THE BUILDING OWNER PER SECTION C408.2.5 OF THE 2021 IECC.

ENGINEER SEAL:

Chiartano Engineering Group

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BENT GRASS CORE AND SHELL
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NO.	REVISION	DATE
1	ISSUED FOR DP REVIEW	10/06/2023

PROJECT NO: 23-0451
DRAWN BY: MPC
CHECKED BY: MPC
DATE: 10/06/2023

SHEET CONTENTS:

PHOTOMETRIC PLAN

SHEET NUMBER:

E100B