Description:

Light up your outdoor area with RZ's LED Full Cut-Off Wall Pack. It is a high efficient lighting solution that provides a long-lasting and energy-saving. The rugged housing offers advanced thermal management and protection against outdoor environments without compromising aesthetics.



Optional:

- ETL/cETL/DLC premium certificate.
- Easy installation.
- Wet location rated IP65. Durable die-cast aluminum housing.
- Photocell and motion sensor options.
- UV-resistant polycarbonate refractor lens. Emergency power 4W & operating time 1.5 hours.
- Typell / Typell / TypelV distribution optics standard

Applications:

Outdoor wall-mount applications: building facade, commercial, industrial, retail, hospitality buildings that demand long service life and low maintenance.





Parameters:

Model No.	WP10-30W	WP10-40W	WP10-50W	WP10-60W	WP10-80W	WP10-100W	WP10-120W					
Input Power	30W	40W	50W	60W	80W	100W	120W					
Lumen	3900lm	5200lm	6500lm	7800lm	10400lm	13000lm	15600lm					
Efficacy			1	30LM/W (±1	0%)							
Input voltage	120-277VAC/120-347VAC											
Color Temperature	4000K/5000K/5700K											
THD	<20%											
Surge Protection			L-N	: 2KV L/N-P	E: 4KV							
LED Brand				Lumileds								
LED Type	3030											
LED QTY	48pcs	48pcs	64pcs	72pcs	96pcs	112pcs	140pcs					
Viewing Angle			Туре	II / Type III /	Type IV							
Operating Temperature	-22°F to 113°F (-30°C to +45°C)											
Operating Humidity	RH<90%											
Storage Temperature	-40°F to 158°F (-40°C to +70°C)											
Storage Humidity				RH<95%								
Color Rendering Index				Ra>70								
IP Rating				IP65								
Power Factor				≥0.90								
Frequency				50/60Hz								
Certification			cETL	/ETL/DLC Pr	emium							
Housing			D	ie-cast Alum	inum							
Finish			Black/Bron	ze/Customiz	ed (Optional))						
Driver Brand				Weipeng								
Additional function	0-10V / 1-10	V / Photoce	ll/Microwave	Motion Sens	sor /Power Ad	djustable / CC	Γ Adjustable					
Life Time			L	70 @ 50,000	Hrs							
Warranty				5 Years								

Web: www.rzledlighting.com | Tel: +86-755-27803791 | Add: 3rd Floor, Building 2, High-tech Zone, Fuyuan 1st Road, Fuyong Sub-district, Bao'an District, Shenzhen, China.

Web: www.rzledlighting.com | Tel: +86-755-27803791 | Add: 3rd Floor, Building 2, High-tech Zone, Fuyuan 1st Road, Fuyong Sub-district, Bao'an District, Shenzhen, China.



Project	Catalog #	Туре	
Prepared by	Notes	Date	



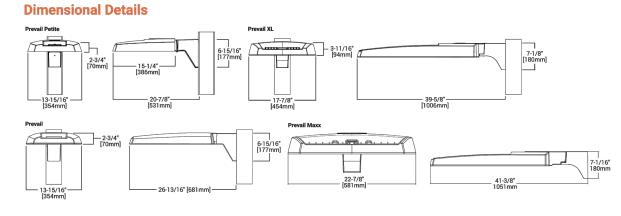
Prevail LED Area / Site Luminaire **Product Features** menSale Technology

BAA

Light ARchitect™

Ordering Information page 2 Mounting Details page 3, 4 Optical Configurations page 5 Product Specifications page 5

- Energy and Performance Data page 6, 7 Control Options page 8
- **Quick Facts** Lumen packages range from 4,800 - 84,000 lumens
- (35W 588W) Replaces 70W up to 1,000W HID equivalents
- Efficacies up to 160 lumens per watt Energy and maintenance savings up to 85% versus HID solutions
- Standard universal quick mount arm with universal drill pattern



NOTES:

1. Visit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified.

2. IDA Certified for 3000K CCT and warmer only.

O COOPER \LIGHT FIXTURE - SITE LIGHT "S" NOT TO SCALE

WaveLinx PRO Wireless

WaveLinx LITE Wireless

Lumark Ordering Informat	ion					Prev	ail LED				
AMPLE NUMBER: PRV-XL- Product Family 1,2		Color	Driver	Voltage	Distribution	tion Mounting Color					
PRV-P=Prevail Petite BAA-PRV-P=Prevail Petite BAA Compli TAA-PRV-P=Prevail Petite TAA Complia	C10=(1 LED) 4,900 Nominal L ant ³ C15=(1 LED) 6,900 Nominal L	umens	D=Dimming (0-10V)	UNV=Universal (120-277V) H=High Voltage, 347-480V 8=480V ⁵ 9=347V	T2=Type II T3=Type III T4=Type IV T5=Type V	SA=QM Standard Versatile Arm MA=QM Mast Arm FMA= Fixed Mast Arm 27 WM=QM Wall Mount Arm ADJA-WM=Adjustable Arm-Wall Mount 29 ADJA=Adjustable Arm-Pole Mount 39 ADJS=Adjustable Arm-Slipfitter, 3" vertical tenon 29 SP2=Adjustable Arm-Slipfitter, 2 3/8" vertical tenon 27, 28	BZ=Bronze AP=Grey BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White				
PRV=Prevail BAA-PRV=Prevail BAA Compliant ³ TAA-PRV=Prevail TAA Compliant ³	C15=(1 LED) 7,100 Nominal L C25=(2 LEDs) 13,100 Nomina C40=(2 LEDs) 17,100 Nomina C60=(2 LEDs) 20,000 Nomina	l Lumens I Lumens		DV =DuraVolt (277-480V) ^{5, 6}							
PRV-XL=Prevail XL BAA-PRV-XL=Prevail XL BAA Complian TAA-PRV-XL=Prevail XL TAA Compliant		Il Lumens Il Lumens Il Lumens									
PRV-M=Prevail Maxx BAA-PRV-M=Prevail Maxx BAA Complia TAA-PRV-M=Prevail MaxxTAA Complia		Il Lumens Il Lumens				tenon 27, 29					
2. Customer is responsible for engineering ar tion instructions iBS00002EA no pole white 3. Only product configurations with these des or Trade Agreements Act of 1979 (TAA), 920 Components shipped separately may be sepa 4. Standard 4000K CCT and 70CRI. 5. 480V not to be used with ungrounded or im 6. DuraVolt drivers feature added protection 105. Unavailable in Combination of the Composition 7. Use dedicated IES files on product website 8. House Side Shield not suitable with T5 dist 8. House Side Shield not suitable with T5 dist 11. FlouraVolt (VI) is specified, use a photoc 12. Controls system is not available in combination 11. Il DuraVolt (VI) is specified, use a photoc 12. Controls system is not available with DuraVolt (IV) 13. Ullizes the Wattstopper sensor FSP-211. 100 accessory separately.	to Meceptacle 10 Baylight, Bluetooth P 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 17 12, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	y for all applications. Refer to installs ormation. the Buy American Act of 1932 (BAA) LCES website for more information. quirements. rral, transients and voltage fluctuation ackage. e. e. cribe rating of 9 per ASTM D1654. ER7) or another controls system (MS of via PDR. To field-configure, order FSI via PDR. To field-configure, order FSI	The PRV-XL-AD. Nov. AD. PRV-XL-AD. Mount Kit ²⁸ PRV-M-ADJ. Kit ²⁹ PRV-M-ADJ. Mount Kit ²⁸ PRV-M-ADJ. Mount Kit ²⁸ PRV-M-ADJ. Mount Kit ²⁹ MA1010-XX Tenon MA1011-XX O.D. Tenon 16. For the dequantities. On tion. See webs 17. Replace Xi 18. Only acquirements. 22. Not for us 23. Only for us 24. Must orde 25. This tool e 26. Requires 7 with other court of and or 26. Requires 7 27. Only for us 28. Only for us 29. Fixed for F	=Single Tenon Adapter for 3-1/ =2@180° Tenon Adapter for 3- ivice to be field-configurable, requirely to compatible with WaveLinx systems that the second of the second o	olount OA/ OA/ er Kit ²⁸ 285 OA/ OA/ Sall OA/ OA/ FSIII Sen WOI all 2° O.D. 11/2° es WAC Gateway co an and software and formation. C100, C125, C150, o ns. Consult Lumen old separately will b tion. ons. M, PRV-XL, or PRV- tas a field-installable or (MS) parameters tive for more informed the speciation of PR & Preceptate (PR & Preceptate) (PR & Prec	RA1201=NEMA Photocontro RA1027=NEMA Photocontro R-100=Wireless Configuration sor a LC-7P-10A=WaveLinx Outdoo (N) a mponents WAC-PoE and WPOE-1 requires system components to vr C175. Safe system product pages for av e separately analyzed under dom e separately analyzed under dom p. e. accessory (1, 2, 4, 6 or 9). including high and low modes, se neRt7) option. The WOLC-7 cannot ut voltages.	1-120% - Multi-Tap 105 1-347V - 480V - 480V Tool for Occupancy or Control Module 20 in appropriate be installed for opera- dditional details and estic preference				
umenSafe Integrated Netwo	ly sensitive when operating below -20°C (-4°F	•									
Product Family L=LumenSafe Technology	Camera Type H=Dome Camera, High Res Z=Dome Camera, Remote PTZ	C=Cellular, Customer Installed S A=Cellular, Factory Installed AT									
Stock Ordering Inf											
Product Family ¹ PRVS=Prevail	Light Eng C15=(1 LED) 7,100 Nominal Lumen: C25=(2 LEDs) 13,100 Nominal Lum C40=(2 LEDs) 17,100 Nominal Lum C60=(2 LEDs) 20,000 Nominal Lum	s	UNV =Universal (12 347 =347V ²	Voltage 20-277V)	T3 T4	Distribution T3=Type III T4=Type IV					
PRVS-XL=Prevail XL	C75=(4 LED) 26,100 Nominal Lume C100=(4 LED) 31,000 Nominal Lum C125=(4 LED) 36,000 Nominal Lum C150=(6 LED) 41,100 Nominal Lum C175=(6 LED) 48,600 Nominal Lum	ns ens ens									
NOTES: 1. All stock configurations are standard 4000 2. Only available in PRVS configurations C15,	K/70CRI, bronze finish, and include the stand C25, C40 or C60.	ard versatile mounting arm.			·						
O COOPER							S500001EN page				

Power and Lumens					View PRV-P IES files					🖈 Vi	View PRV IES files				View PRV-XL IES files			
Product Family Prevail Petite					Prevail				Prevail XL				Prevail Maxx					
Li	ight Engine	C10	C15	C20	C25	C15	C25	C40	C60	C75	C100	C125	C150	C175	C200	C225	C250	C275
ower (Wat	tts)	35	49	73	94	52	96	131	153	176	217	264	285	346	346	418	487	588
nput Curre	nt @ 120V (A)	0.29	0.41	0.61	0.79	0.43	0.80	1.09	1.32	1.50	1.84	2.21	2.38	2.92	2.89	3.49	4.06	4.90
nput Curre	nt @ 277V (A)	0.13	0.18	0.27	0.35	0.19	0.35	0.48	0.57	0.66	0.82	0.97	1.04	1.25	1.26	1.51	1.72	2.06
nput Curre	nt @ 347V (A)	0.11	0.16	0.23	0.29	0.17	0.30	0.41	0.48	0.54	0.66	0.79	0.84	1.02	1.00	1.21	1.40	1.70
	nt @ 480V (A)	0.08	0.12	0.17	0.22	0.12	0.22	0.30	0.35	0.40	0.48	0.57	0.62	0.74	0.73	0.88	1.00	1.21
Distributio	on '																	
Type II	4000K Lumens	4,775	6,717	9,542	11,521	7,123	13,205	17,172	20,083	26,263	31,231	36,503	41,349	48,876	50,349	59,444	68,447	79,322
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G
	Lumens per Watt	138	137	131	122	137	138	131	131	149	144	138	145	141	146	142	141	135
	3000K Lumens ¹	4,869	6,595	9,369	11,312	6,994	12,965	16,860	19,718	25,786	30,664	35,840	40,598	47,989	49,437	58,368	67,208	77,886
Type III	4000K Lumens	4,782	6,727	9,556	11,538	7,111	13,183	17,144	20,050	26,120	31,061	36,304	41,124	48,610	50,162	59,223	68,193	79,027
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5	B5-U0-G
	Lumens per Watt	138	137	131	123	137	137	131	131	148	143	138	144	140	145	142	140	135
	3000K Lumens ¹	4,695	6,605	9,383	11,329	6,982	12,944	16,832	19,686	25,646	30,497	35,645	40,377	47,727	49,254	58,151	66,958	77,596
	4000K Lumens	4,880	6,865	9,752	11,774	7,088	13,140	17,087	19,984	26,098	31,035	36,274	41,089	48,569	50,575	59,711	68,754	79,678
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G
Type IV	Lumens per Watt	141	140	134	125	136	137	130	131	148	143	137	144	140	146	143	141	136
	3000K Lumens ¹	4,792	6,740	9,575	11,561	6,959	12,901	16,777	19,621	25,624	30,471	35,615	40,343	47,687	49,659	58,630	67,510	78,235
	4000K Lumens	5,067	7,128	10,126	12,226	7,576	14,045	18,264	21,360	28,129	33,450	39,097	44,287	52,349	53,531	63,201	72,773	84,335
	BUG Rating	B3-U0-G2	B3-U0-G2	B4-U0-G3	B4-U0-G3	B3-U0-G3	B4-U0-G3	B4-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G
Type V	Lumens per Watt	146	145	139	130	146	146	139	140	160	154	148	155	151	155	151	150	144
	3000K Lumens ¹	4,975	6,999	9,942	12,004	7,438	13,790	17,932	20,972	27,618	32,843	38,387	43,483	51,398	52,562	62,057	71,455	82,808
	, 5000K or HSS data, refer to	published IES						Lu	men Mu	ltiplier			_	FADC S	Settings			
	Configuration		Main	1 Lumen tenance	Ine	eoretical (Hours)	retical L70 Ambien Hours) Temperat								FADC Position		Lumen Multiplier	
Drovoil	and Prevail Petite	+ 2E°C	(50,000 Hours)		, ,	1006		°C	1.02				1,		25%			
					> 194,00 > 134,00			15°C		1.01			2		46%			
Prevail and Prevail Petite at 40°C Prevail XL at 25°C		at 40 C			> 204,000			25°C		1.00				3		55%		
				9.41%	> 158,000				40°C			0.99			4		62%	
	Prevail XL at 40°C		85												5		72%	
		.				> 204,00	0								5		72%	
Р	Prevail XL at 40°C		91			> 204,000 > 158,000		Se				ble (SPE						
Р	Prevail XL at 40°C revail Maxx at 25°0		91	1.40%				Se	Housir	ıg Finish		ensor Col			6		77%	
Р	Prevail XL at 40°C revail Maxx at 25°0		91	1.40%				Se	Housir AP:	g Finish Grey		ensor Col Grey			6		77% 82%	
Р	Prevail XL at 40°C revail Maxx at 25°0		91	1.40%				Se	Housir AP: BZ=8	g Finish Grey Bronze		Grey Bronze			6 7 8		77% 82% 85%	
Р	Prevail XL at 40°C revail Maxx at 25°0		91	1.40%					Housin AP= BZ=E BK=	g Finish =Grey Bronze Black	Se	Grey Bronze Black			6 7 8 9		77% 82% 85% 90%	
Р	Prevail XL at 40°C revail Maxx at 25°0		91	1.40%					Housir AP: BZ=8	g Finish =Grey Bronze Black x Platinur	n	Grey Bronze		Note: +/-	6 7 8	alue	77% 82% 85%	

Prevail LED

Lumark

Energy and Performance Data

SMALLS SLIDERS 101 SW OLDHAM PKWY LEES SUMMIT, MO 64081



CONSULTING ENGINEERS 2705 Lebanon Pike — Suite One Nashville, Tennessee 37214 Telephone: (615) 255-5203

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> LIGHTING **FIXTURE** CUTSHEETS

PROJECT NO: REVISIONS SS2507 SHEET ME2.03

DATE 10.01.2025