

LuminFrite



 ALBEO Weatherproof





Product Features

Fiberglass Housing

- Press- casting fiberglass housing, tough & robust.
- Excellent environment adaptability, perfectly suitable for applications in -40°C to +50°C
- Almost fully resistant to acids & alkalis

PC/PMMA Diffuser

- PC diffuser with anti-UV & flame resistant is the standard, suitable for most of corrosive environment, while PMMA is optional specially for alkalis corrosion locations.



Hassle-free Protection

- IP66 & IP69K can meet the requirement of NSF
- Anti-UV, suitable for outdoor applications
- V0 Flame retardant rating

Versatile Functions

- Motion sensor optional
- 0-10V dimming optional
- Dali dimming optional
- Emergency battery pack optional
- EPS Enabled optional



Food Processing Plant



Animal Husbandry



Outdoor Lighting



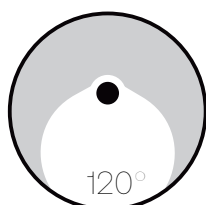
Typical Specifications

Size	2 ft	4 ft	5 ft	
System Power	20W	40W	56W	72W
Lumens	2700 lm	5500 lm	7500 lm	9700 lm
System Efficacy	135 LPW	138 LPW	134 LPW	135 LPW
CCT	4000/6500K			
CRI	Ra≥80/90			
SDCM	≤5			
Beam Angle	120°			
Input Voltage	220-240V			
Power Factor	≥0.95			
THD	≤15%			
Surge Protection	L-N 1KV,L/N-G 2KV			
Ripple Current Ratio	≤5%			
Dimming	0-10V/DALI Optional			
Control	On-Off / Microwave Motion Sensor			
Emergency	3W 180 mins/EPS Enabled Optional			
Protection	IP66/IP69K/IK08			
Anti-Corrosion	Acid & Alkali-resistance			
Anti-UV	UV-resistance Suitable for Outdoor Use			
Safety Class	Class I			
Material	Fiberglass Housing and PMMA/PC Diffuser			
Working Temperature	-40~+50°C			
Rated Lifetime	50,000 hrs			
Wiring	Fly Wires/Through-wiring			
Mounting	Surface/Suspension			

Dimension

	Size	L	W	H	N.W
	2 ft	672mm	158mm	100mm	1.8 Kg
	4 ft	1272mm	158mm	100mm	2.8 Kg
	5 ft	1572mm	158mm	100mm	3.4 Kg

Photometric





Order Logic

WLF	120W	2FT	--	8	40	--	--
PROD. ID	Power	Size	Diffuser	CRI	CCT	Dimming	Option
WLF: LuminFrite Weatherproof	20W	2FT: 2ft	Default: PC	8: Ra≥80	40: 4000K	Default: Non-dimming	E: Emergency
	40W	4FT: 4ft	P: PMMA	9: Ra≥90	65: 6500K	AD: 0-10V	MS: Motion sensor
	56W	5FT: 5ft				DA: DALI	S: EPS Enabled
	72W						

Order Description

Description	Size	Power	Lumens	CCT	CRI	Diffuser	Dimming	Option	QTY/CTN
WLF20W2FT840	2 ft	20W	2700 lm	4000K	Ra≥80	PC	N	N	12 pcs
WLF40W4FT840	4 ft	40W	5500 lm	4000K	Ra≥80	PC	N	N	12 pcs
WLF40W4FTP840	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	N	N	12 pcs
WLF56W4FT840	4 ft	56W	5500 lm	4000K	Ra≥80	PC	N	N	12 pcs
WLF56W4FTP840	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	N	N	12 pcs
WLF72W5FT840	5 ft	72W	9700 lm	4000K	Ra≥80	PC	N	N	12 pcs
WLF20W2FT840AD	2 ft	20W	2700 lm	4000K	Ra≥80	PC	0-10V	N	12 pcs
WLF40W4FT840AD	4 ft	40W	5500 lm	4000K	Ra≥80	PC	0-10V	N	12 pcs
WLF40W4FTP840AD	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	0-10V	N	12 pcs
WLF56W4FT840AD	4 ft	56W	5500 lm	4000K	Ra≥80	PC	0-10V	N	12 pcs
WLF56W4FTP840AD	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	0-10V	N	12 pcs
WLF72W5FT840AD	5 ft	72W	9700 lm	4000K	Ra≥80	PC	0-10V	N	12 pcs
WLF20W2FT840DA	2 ft	20W	2700 lm	4000K	Ra≥80	PC	DALI	N	12 pcs
WLF40W4FT840DA	4 ft	40W	5500 lm	4000K	Ra≥80	PC	DALI	N	12 pcs
WLF40W4FTP840DA	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	DALI	N	12 pcs
WLF56W4FT840DA	4 ft	56W	5500 lm	4000K	Ra≥80	PC	DALI	N	12 pcs
WLF56W4FTP840DA	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	DALI	N	12 pcs
WLF72W5FT840DA	5 ft	72W	9700 lm	4000K	Ra≥80	PC	DALI	N	12 pcs
WLF20W2FT840MS	2 ft	20W	2700 lm	4000K	Ra≥80	PC	N	Motion Sensor	12 pcs
WLF40W4FT840MS	4 ft	40W	5500 lm	4000K	Ra≥80	PC	N	Motion Sensor	12 pcs
WLF40W4FTP840MS	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	N	Motion Sensor	12 pcs
WLF56W4FT840MS	4 ft	56W	5500 lm	4000K	Ra≥80	PC	N	Motion Sensor	12 pcs
WLF56W4FTP840MS	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	N	Motion Sensor	12 pcs
WLF72W5FT840MS	5 ft	72W	9700 lm	4000K	Ra≥80	PC	N	Motion Sensor	12 pcs
WLF20W2FT840E	2 ft	20W	2700 lm	4000K	Ra≥80	PC	N	Emergency	12 pcs
WLF40W4FT840E	4 ft	40W	5500 lm	4000K	Ra≥80	PC	N	Emergency	12 pcs
WLF40W4FTP840E	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	N	Emergency	12 pcs
WLF56W4FT840E	4 ft	56W	5500 lm	4000K	Ra≥80	PC	N	Emergency	12 pcs
WLF56W4FTP840E	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	N	Emergency	12 pcs
WLF72W5FT840E	5 ft	72W	9700 lm	4000K	Ra≥80	PC	N	Emergency	12 pcs



Order Description

Description	Length	Power	Lumens	CCT	CRI	Diffuser	Dimming	Option	QTY/CTN
WLF20W2FT840ADE	2 ft	20W	2700 lm	4000K	Ra≥80	PC	0-10V	Emergency	12 pcs
WLF40W4FT840ADE	4 ft	40W	5500 lm	4000K	Ra≥80	PC	0-10V	Emergency	12 pcs
WLF40W4FTP840ADE	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	0-10V	Emergency	12 pcs
WLF56W4FT840ADE	4 ft	56W	5500 lm	4000K	Ra≥80	PC	0-10V	Emergency	12 pcs
WLF56W4FTP840ADE	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	0-10V	Emergency	12 pcs
WLF72W5FT840ADE	5 ft	72W	9700 lm	4000K	Ra≥80	PC	0-10V	Emergency	12 pcs
WLF20W2FT840DAE	2 ft	20W	2700 lm	4000K	Ra≥80	PC	DALI	Emergency	12 pcs
WLF40W4FT840DAE	4 ft	40W	5500 lm	4000K	Ra≥80	PC	DALI	Emergency	12 pcs
WLF40W4FTP840DAE	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	DALI	Emergency	12 pcs
WLF56W4FT840DAE	4 ft	56W	5500 lm	4000K	Ra≥80	PC	DALI	Emergency	12 pcs
WLF56W4FTP840DAE	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	DALI	Emergency	12 pcs
WLF72W5FT840DAE	5 ft	72W	9700 lm	4000K	Ra≥80	PC	DALI	Emergency	12 pcs
WLF20W2FT840S	2 ft	20W	2700 lm	4000K	Ra≥80	PC	N	EPS Enabled	12 pcs
WLF40W4FT840S	4 ft	40W	5500 lm	4000K	Ra≥80	PC	N	EPS Enabled	12 pcs
WLF40W4FTP840S	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	N	EPS Enabled	12 pcs
WLF56W4FT840S	4 ft	56W	5500 lm	4000K	Ra≥80	PC	N	EPS Enabled	12 pcs
WLF56W4FTP840S	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	N	EPS Enabled	12 pcs
WLF72W5FT840S	5 ft	72W	9700 lm	4000K	Ra≥80	PC	N	EPS Enabled	12 pcs
WLF20W2FT840ADS	2 ft	20W	2700 lm	4000K	Ra≥80	PC	0-10V	EPS Enabled	12 pcs
WLF40W4FT840ADS	4 ft	40W	5500 lm	4000K	Ra≥80	PC	0-10V	EPS Enabled	12 pcs
WLF40W4FTP840ADS	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	0-10V	EPS Enabled	12 pcs
WLF56W4FT840ADS	4 ft	56W	5500 lm	4000K	Ra≥80	PC	0-10V	EPS Enabled	12 pcs
WLF56W4FTP840ADS	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	0-10V	EPS Enabled	12 pcs
WLF72W5FT840ADS	5 ft	72W	9700 lm	4000K	Ra≥80	PC	0-10V	EPS Enabled	12 pcs
WLF20W2FT840DAS	2 ft	20W	2700 lm	4000K	Ra≥80	PC	DALI	EPS Enabled	12 pcs
WLF40W4FT840DAS	4 ft	40W	5500 lm	4000K	Ra≥80	PC	DALI	EPS Enabled	12 pcs
WLF40W4FTP840DAS	4 ft	40W	7500 lm	4000K	Ra≥80	PMMA	DALI	EPS Enabled	12 pcs
WLF56W4FT840DAS	4 ft	56W	5500 lm	4000K	Ra≥80	PC	DALI	EPS Enabled	12 pcs
WLF56W4FTP840DAS	4 ft	56W	7500 lm	4000K	Ra≥80	PMMA	DALI	EPS Enabled	12 pcs
WLF72W5FT840DAS	5 ft	72W	9700 lm	4000K	Ra≥80	PC	DALI	EPS Enabled	12 pcs

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LuminLite



 ALBEO Weatherproof



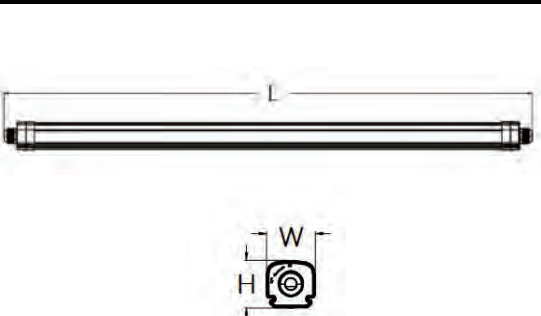
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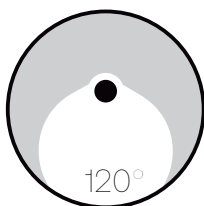
Typical Specifications

Size	2 ft		4 ft		5 ft	
System Power	20W	22W	32W	36W	50W	60W
Lumens	2800 lm	3080 lm	4480 lm	5040 lm	7000 lm	8400 lm
System Efficacy	140 LPW					
CCT	4000/6500K					
CRI	Ra≥80					
SDCM	≤5					
Beam Angle	120°					
Input Voltage	220-240V					
Power Factor	≥0.95					
THD	≤15%					
Surge Protection	L-N 1KV,L/N-G 2KV					
Ripple Current Ratio	≤5%					
Dimming	0-10V/DALI Optional					
Control	On-off / Microwave Motion Sensor					
Emergency	3W 180 mins /EPS Enabled optional					
Protection	IP65/IK08					
Safety Class	Class I					
Anti-condensation	Respirator Optional (Cold Storage Version)					
Material	PC housing and diffuser					
Working Temperature	-20~+40°C (Standard Version)/ -40~+40°C (Cold Storage Version)					
Rated Lifetime	50,000hrs					
Wiring	Terminal block/Flying wires/Through-wiring					
Mounting	Surface/suspension					

Dimension

	Size	L	W	H	N.W.
	2ft	600mm	52mm	48mm	0.8 Kg
	4ft	1200mm	52mm	48mm	1.0 Kg
	5ft	1500mm	52mm	48mm	1.0 Kg
	4ft Emergency	1200mm	52mm	48mm	1.2 Kg
	5ft Emergency	1500mm	52mm	48mm	1.2 Kg

Photometric





Order Logic

LHL	20W	2ft	8	40	ND	-
PROD. ID	Power	Length	CRI	CCT	Dimming	Option
LHL: LuminLite Weatherproof	20W	2ft	8: Ra≥80	40: 4000K	ND: Non-dimming	E: Emergency
	22W	4ft		65: 6500K	AD:0-10V	MS: Motion sensor
	32W	5ft			DA: DALI	S: EPS Enabled
	36W					C: Cold version
	50W					
	60W					

Order Description

Description	Size	Power	Lumens	CCT	Dimming	Option	QTY/CTN
LHL20W2ft840ND	2 ft	20W	2800 lm	4000K	N	N	12 pcs
LHL22W4ft840ND	4 ft	22W	3080 lm	4000K	N	N	12 pcs
LHL32W4ft840ND	4 ft	32W	4480 lm	4000K	N	N	12 pcs
LHL36W4ft840ND	4 ft	36W	5000 lm	4000K	N	N	12 pcs
LHL50W5ft840ND	5 ft	50W	7000 lm	4000K	N	N	12 pcs
LHL60W5ft840ND	5 ft	60W	8400 lm	4000K	N	N	12 pcs
LHL20W2ft840DA	2 ft	20W	2800 lm	4000K	DALI	N	12 pcs
LHL22W4ft840DA	4 ft	22W	3080 lm	4000K	DALI	N	12 pcs
LHL32W4ft840DA	4 ft	32W	4480 lm	4000K	DALI	N	12 pcs
LHL36W4ft840DA	4 ft	36W	5000 lm	4000K	DALI	N	12 pcs
LHL50W5ft840DA	5 ft	50W	7000 lm	4000K	DALI	N	12 pcs
LHL60W5ft840DA	5 ft	60W	8400 lm	4000K	DALI	N	12 pcs
LHL22W4ft840NDE	4 ft	22W	3080 lm	4000K	N	Emergency	12 pcs
LHL32W4ft840NDE	4 ft	32W	4480 lm	4000K	N	Emergency	12 pcs
LHL36W4ft840NDE	4 ft	36W	5000 lm	4000K	N	Emergency	12 pcs
LHL50W5ft840NDE	5 ft	50W	7000 lm	4000K	N	Emergency	12 pcs
LHL60W5ft840NDE	5 ft	60W	8400 lm	4000K	N	Emergency	12 pcs
LHL22W4ft840NDS	4 ft	22W	3080 lm	4000K	N	EPS Enabled	12 pcs
LHL32W4ft840NDS	4 ft	32W	4480 lm	4000K	N	EPS Enabled	12 pcs
LHL36W4ft840NDS	4 ft	36W	5000 lm	4000K	N	EPS Enabled	12 pcs
LHL50W5ft840NDS	5 ft	50W	7000 lm	4000K	N	EPS Enabled	12 pcs
LHL60W5ft840NDS	5 ft	60W	8400 lm	4000K	N	EPS Enabled	12 pcs

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WAP G2



 ALBEO Weatherproof





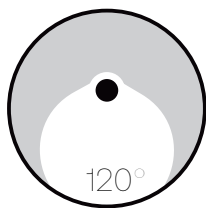
Typical Specifications

Size	1×2 ft	2×2 ft	1×4 ft	2×4 ft	1×5 ft	2×5 ft
Lamp	1×T8	2×T8	1×T8	2×T8	1×T8	2×T8
Beam Angle	120°					
Input Voltage	220-240V					
Input Frequency	50/60Hz					
Protection	IP65/IK08					
Safety Class	Class II					
Material	PC Housing and Diffuser with Stainless Buckles					
Working Temperature	-20~+40°C					
Wiring	Single-end/Double-end					
Mounting	Surface/Suspension					

Dimension

	Size	L	W	H	N.W.
	1X2FT	668 mm	62 mm	58 mm	0.5 Kg
	2X2FT	668 mm	100 mm	55 mm	0.8 Kg
	1X4FT	1272 mm	62 mm	58 mm	0.9 Kg
	2X4FT	1272 mm	100 mm	55 mm	1.4 Kg
	1X5FT	1572 mm	62 mm	58 mm	1.1 Kg
	2X5FT	1572 mm	100 mm	55 mm	1.7 Kg

Photometric



Order Logic

WAP	1X2FT	SE	G2
PROD. ID	Size	Wire	Generation
WAP: WAP Weatherproof	1X2FT: 2FT for 1 tube 1X2FT: 2FT for 2 tubes 1X4FT: 4FT for 1 tube 2X4FT: 4FT for 2 tubes 1X5FT: 5FT for 1 tube 2X5FT: 5FT for 2 tubes	SE: Single-end wiring DE: Double-end wiring	G2: GEN2

Order Description

Description	Size	Lamp	Wiring	QTY/CTN
WAP1X2FTSE-G2	1×2 ft	1XT8	Single-end	12 pcs
WAP2X2FTSE-G2	2×2 ft	2XT8	Single-end	10 pcs
WAP1X4FTSE-G2	1×4 ft	1XT8	Single-end	12 pcs
WAP2X4FTSE-G2	2×4 ft	2XT8	Single-end	10 pcs
WAP1X5FTSE-G2	1×5 ft	1XT8	Single-end	12 pcs
WAP2X5FTSE-G2	2×5 ft	2XT8	Single-end	10 pcs
WAP1X2FTDE-G2	1×2 ft	1XT8	Double-end	12 pcs
WAP2X2FTDE-G2	2×2 ft	2XT8	Double-end	10 pcs
WAP1X4FTDE-G2	1×4 ft	1XT8	Double-end	12 pcs
WAP2X4FTDE-G2	2×4 ft	2XT8	Double-end	10 pcs
WAP1X5FTDE-G2	1×5 ft	1XT8	Double-end	12 pcs
WAP2X5FTDE-G2	2×5 ft	2XT8	Double-end	10 pcs

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