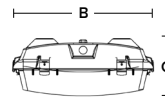


DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

**FEATURES**

- Wide-body enclosed and gasketed 4' high bay
- IP65, IP66 and IP67 rated
- 1500 PSI High Pressure Hose down rating
- Fiberglass housing with F1 weatherability rating, standard
- UL Sanitation Certified per NSF Standards
- Stainless steel latching and mounting straps optional
- V-Hook mounting brackets included standard
- -40°C up to +50°C ambient operation; see table provided for details
- NEMA 4X housing
- IK10 rated when ordered with polycarbonate lens



Typical Dimensions and Weights				
Size	(A) Length Inches (mm)	(B) Width Inches (mm)	(C) Height Inches (mm)	Weight Lbs (kg)
4'	52.5 (1333)	15 (381)	6 (152)	22 (9.9)

**SPECIFICATIONS**

**CONSTRUCTION**

- Housing is formed from UL 5VA fiberglass
- Hinged driver tray for easy maintenance
- Removable gear tray electrical access
- Industrial fixture design allows for easy cleaning reducing dirt and water accumulation
- 12 captive polyacetal (POM) latches and 4 fixed installation points secures the fixture during transit and allows for fast installation
- Housing has chemical resistant finish
- Internal steel surfaces are painted with high gloss baked white enamel, applied over iron phosphate pre-treatment for maximum adhesion and rust resistance
- Stainless steel parts have fine brushed mill finish
- Lens firmly secured with tamper resistance ready latches

**OPTICS**

- Specular reflector provides precise control and excellent efficiency for narrow distribution
- Wide distribution uses high gloss white gear tray

**INSTALLATION**

- Use flexible conduit only

**ELECTRICAL**

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance (see table for details)
- QR code label affixed to housing for easy traceability
- Drivers include minimum 6kV surge protection

**CERTIFICATIONS**

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- Wet Location label standard
- UL Sanitation Certified to NSF 2 Food Equipment standard for non-food zones
- Ingress protection IP65 and IP67 standard; IP66 on certain models

**CERTIFICATIONS (CONTINUED)**

- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram.
- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org)

**WARRANTY**

- 5 year warranty

**ORDERING GUIDE**

**Example:** LXEW4-35HL-RFA-EDU

CATALOG # \_\_\_\_\_

LXEW	4						
Model	Size	Color Temp	Delivered Lumens	Lens	Distribution	Driver	Voltage
LXEW	4 4'	30 3000K	L 11,000	FA Frost Impact Resistant Acrylic (std.)	N Narrow Distribution	E Fixed Output	U 120-277V
Industrial Enclosed & Gasketed LED High Bay		35 3500K	M 15,000	CA Clear Impact Resistant Acrylic	W Wide Distribution	ED 0-10V Dimming	347 347V <sup>1</sup>
		40 4000K	MH 17,000	CP Clear UV Stabilized Polycarbonate			480 480V <sup>1</sup>
		50 5000K	H 21,000				
			HV 23,000				
			V 30,000				
			X 36,000				

Options	
ELL14	Emergency Battery Pack Installed, 1400 Lumens <sup>2,3</sup>
GLR	Fast Blow Fuse <sup>2</sup>
OCM	Microwave Occupancy Sensor <sup>2</sup>
DTS	Dimming Bypass Module <sup>2,3,4</sup>
SSL	Stainless Steel Tamper Resistant Ready Latches
TP	Tamper Proof Latches
F3C8W	3-Wire 8' Wet Cord
F3C15W	3-Wire 15' Wet Cord
F4C8W	4-Wire 8' Wet Cord
F4C15W	4-Wire 15' Wet Cord
F5C8W	5-Wire 8' Wet Cord
F5C15W	5-Wire 15' Wet Cord
F6C6W	6-Wire 6' Wet Cord
SWH	Single Wet Hub ½" NPT Hub
DWH	Dual Wet Hub ½" NPT Hub

**Accessories**

- LHVQM5 Aircraft Cable, 5' (Pair)
- LHVQM10 Aircraft Cable, 10' (Pair)
- XEWMHSS Mounting Strap Hardware Kit, Stainless Steel, includes 4
- XEWRSBZN Rigid Surface Mounting Bracket Kit, Zinc Plated, includes 2
- XEWRSBSS Rigid Surface Mounting Bracket Kit, Stainless Steel, includes 2
- XEWFSBSS Surface Mounting Bracket Kit, Stainless Steel, includes 2

Notes:

- 1 Not available with V and X packages
- 2 Not available with 347V/480V
- 3 Not available with HV, V, X lumen packages. Battery certified to 0°C
- 4 For emergency circuit control loads including sensors and wireless systems listed to UL 924. Only available with 0-10V drivers. See page 7 for wiring diagram

**DELIVERED LUMENS**

PRODUCT AVAILABILITY								
Lumen Package	Output	Color	Lens	Distribution	Lumens	Watts	LPW	
LXEW4-30L-CPN-EU	Low Watt	30K	CP	Narrow	11,079	91.2	121.5	
LXEW4-30L-FAN-EU			FA	Narrow	11,101	91	122	
LXEW4-30L-CAN-EU			CA	Narrow	11,238	91.2	123.2	
LXEW4-30L-FAW-EU			FA	Wide	11,399	91.1	125.1	
LXEW4-30L-CPW-EU			CP	Wide	11,455	91.1	125.7	
LXEW4-30L-CAW-EU			CA	Wide	11,596	91.3	127	
LXEW4-35L-CPN-EU		35K	CP	Narrow	11,457	91.2	125.6	
LXEW4-35L-FAN-EU			FA	Narrow	11,480	91	126.2	
LXEW4-35L-CAN-EU			CA	Narrow	11,622	91.2	127.4	
LXEW4-35L-FAW-EU			FA	Wide	11,788	91.1	129.4	
LXEW4-35L-CPW-EU			CP	Wide	11,846	91.1	130	
LXEW4-35L-CAW-EU			CA	Wide	11,992	91.3	131.3	
LXEW4-40L-CPN-EU		40K	CP	Narrow	11,628	91.2	127.5	
LXEW4-40L-FAN-EU			FA	Narrow	11,652	91	128	
LXEW4-40L-CAN-EU			CA	Narrow	11,796	91.2	129.3	
LXEW4-40L-FAW-EU			FA	Wide	11,965	91.1	131.3	
LXEW4-40L-CPW-EU			CP	Wide	12,024	91.1	132	
LXEW4-40L-CAW-EU			CA	Wide	12,172	91.3	133.3	
LXEW4-50L-CPN-EU		50K	CP	Narrow	11,938	91.2	130.9	
LXEW4-50L-FAN-EU			FA	Narrow	11,962	91	131.4	
LXEW4-50L-CAN-EU			CA	Narrow	12,110	91.2	132.8	
LXEW4-50L-FAW-EU			FA	Wide	12,283	91.1	134.8	
LXEW4-50L-CPW-EU			CP	Wide	12,344	91.1	135.5	
LXEW4-50L-CAW-EU			CA	Wide	12,495	91.3	136.9	
LXEW4-30M-CPN-EU		Medium Lumen	30K	30K	Narrow	14,926	121.4	123
LXEW4-30M-FAN-EU				30K	Narrow	14,937	121.4	123
LXEW4-30M-CAN-EU				30K	Narrow	15,085	121.4	124.3
LXEW4-30M-FAW-EU				30K	Wide	15,242	121.8	125.1
LXEW4-30M-CPW-EU				30K	Wide	15,286	121.9	125.4
LXEW4-30M-CAW-EU				30K	Wide	15,349	121.7	126.1
LXEW4-35M-CPN-EU	35K		35K	Narrow	15,436	121.4	127.1	
LXEW4-35M-FAN-EU			35K	Narrow	15,447	121.4	127.2	
LXEW4-35M-CAN-EU			35K	Narrow	15,600	121.4	128.5	
LXEW4-35M-FAW-EU			35K	Wide	15,762	121.8	129.4	
LXEW4-35M-CPW-EU			35K	Wide	15,807	121.9	129.7	
LXEW4-35M-CAW-EU			35K	Wide	15,873	121.7	130.4	
LXEW4-40M-CPN-EU	40K		40K	Narrow	15,667	121.4	129.1	
LXEW4-40M-FAN-EU			40K	Narrow	15,679	121.4	129.1	
LXEW4-40M-CAN-EU			40K	Narrow	15,834	121.4	130.4	
LXEW4-40M-FAW-EU			40K	Wide	15,998	121.8	131.3	
LXEW4-40M-CPW-EU			40K	Wide	16,044	121.9	131.6	
LXEW4-40M-CAW-EU			40K	Wide	16,111	121.7	132.4	
LXEW4-50M-CPN-EU	50K		50K	Narrow	16,084	121.4	132.5	
LXEW4-50M-FAN-EU			50K	Narrow	16,096	121.4	132.6	
LXEW4-50M-CAN-EU			50K	Narrow	16,255	121.4	133.9	
LXEW4-50M-FAW-EU			50K	Wide	16,424	121.8	134.8	
LXEW4-50M-CPW-EU			50K	Wide	16,471	121.9	135.1	
LXEW4-50M-CAW-EU			50K	Wide	16,539	121.7	135.9	
LXEW4-30MH-CPN-EU	Medium High Lumen		30K	CP	Narrow	16,580	137.2	120.8
LXEW4-30MH-CAN-EU				CA	Narrow	16,771	137.4	122.1
LXEW4-30MH-FAN-EU				FA	Narrow	16,843	137.2	122.8
LXEW4-30MH-FAW-EU				FA	Wide	17,008	137.3	123.9
LXEW4-30MH-CPW-EU				CP	Wide	17,101	137.3	124.6
LXEW4-30MH-CAW-EU				CA	Wide	17,344	137.5	126.1
LXEW4-35MH-CPN-EU		35K	CP	Narrow	17,146	137.2	125	
LXEW4-35MH-CAN-EU			CA	Narrow	17,343	137.4	126.2	
LXEW4-35MH-FAN-EU			FA	Narrow	17,418	137.2	127	
LXEW4-35MH-FAW-EU			FA	Wide	17,589	137.3	128.1	
LXEW4-35MH-CPW-EU			CP	Wide	17,684	137.3	128.8	
LXEW4-35MH-CAW-EU			CA	Wide	17,936	137.5	130.4	
LXEW4-40MH-CPN-EU		40K	CP	Narrow	17,403	137.2	126.8	
LXEW4-40MH-CAN-EU			CA	Narrow	17,603	137.4	128.1	
LXEW4-40MH-FAN-EU			FA	Narrow	17,679	137.2	128.9	
LXEW4-40MH-FAW-EU			FA	Wide	17,852	137.3	130	
LXEW4-40MH-CPW-EU			CP	Wide	17,950	137.3	130.7	
LXEW4-40MH-CAW-EU			CA	Wide	18,205	137.5	132.4	
LXEW4-50MH-CPN-EU		50K	CP	Narrow	17,866	137.2	130.2	
LXEW4-50MH-CAN-EU			CA	Narrow	18,072	137.4	131.5	
LXEW4-50MH-FAN-EU			FA	Narrow	18,149	137.2	132.3	
LXEW4-50MH-FAW-EU			FA	Wide	18,327	137.3	133.5	
LXEW4-50MH-CPW-EU			CP	Wide	18,427	137.3	134.2	
LXEW4-50MH-CAW-EU			CA	Wide	18,689	137.5	135.9	

**DELIVERED LUMENS (CONTINUED)**

PRODUCT AVAILABILITY								
Lumen Package	Output	Color	Lens	Distribution	Lumens	Watts	LPW	
LXEW4-30H-CPN-EU	High Lumen	30K	CP	Narrow	20,051	173.3	115.7	
LXEW4-30H-FAN-EU			FA	Narrow	20,053	178.1	112.6	
LXEW4-30H-CAN-EU			CA	Narrow	20,257	173.2	117	
LXEW4-30H-FAW-EU			FA	Wide	20,433	173.4	117.8	
LXEW4-30H-CPW-EU			CP	Wide	20,531	173.6	118.3	
LXEW4-30H-CAW-EU			CA	Wide	20,714	173.5	119.4	
LXEW4-35H-CPN-EU		35K	CP	Narrow	20,736	173.3	119.7	
LXEW4-35H-FAN-EU			FA	Narrow	20,738	178.1	116.4	
LXEW4-35H-CAN-EU			CA	Narrow	20,948	173.2	120.9	
LXEW4-35H-FAW-EU			FA	Wide	21,130	173.4	121.9	
LXEW4-35H-CPW-EU			CP	Wide	21,232	173.6	122.3	
LXEW4-35H-CAW-EU			CA	Wide	21,421	173.5	123.5	
LXEW4-40H-CPN-EU		40K	CP	Narrow	21,047	173.3	121.4	
LXEW4-40H-FAN-EU			FA	Narrow	21,049	178.1	118.2	
LXEW4-40H-CAN-EU			CA	Narrow	21,262	173.2	122.8	
LXEW4-40H-FAW-EU			FA	Wide	21,447	173.4	123.7	
LXEW4-40H-CPW-EU			CP	Wide	21,550	173.6	124.1	
LXEW4-40H-CAW-EU			CA	Wide	21,742	173.5	125.3	
LXEW4-50H-CPN-EU		50K	CP	Narrow	21,607	173.3	124.7	
LXEW4-50H-FAN-EU			FA	Narrow	21,609	178.1	121.3	
LXEW4-50H-CAN-EU			CA	Narrow	21,828	173.2	126	
LXEW4-50H-FAW-EU			FA	Wide	22,018	173.4	127	
LXEW4-50H-CPW-EU			CP	Wide	22,124	173.6	127.4	
LXEW4-50H-CAW-EU			CA	Wide	22,321	173.5	128.6	
LXEW4-30HV-CPN-EU		High Very High Lumen	30K	CP	Narrow	22,756	187.9	121.1
LXEW4-30HV-FAN-EU				FA	Narrow	22,796	187.9	121.3
LXEW4-30HV-CAN-EU				CA	Narrow	22,958	187.9	122.2
LXEW4-30HV-FAW-EU				FA	Wide	23,489	188.3	124.7
LXEW4-30HV-CPW-EU				CP	Wide	23,608	188.3	125.4
LXEW4-30HV-CAW-EU				CA	Wide	23,805	188.4	126.4
LXEW4-35HV-CPN-EU			35K	CP	Narrow	23,533	187.9	125.2
LXEW4-35HV-FAN-EU				FA	Narrow	23,574	187.9	125.5
LXEW4-35HV-CAN-EU				CA	Narrow	23,741	187.9	126.3
LXEW4-35HV-FAW-EU				FA	Wide	24,290	188.3	129
LXEW4-35HV-CPW-EU				CP	Wide	24,414	188.3	129.7
LXEW4-35HV-CAW-EU				CA	Wide	24,617	188.4	130.7
LXEW4-40HV-CPN-EU	40K		CP	Narrow	23,886	187.9	127.1	
LXEW4-40HV-FAN-EU			FA	Narrow	23,927	187.9	127.3	
LXEW4-40HV-CAN-EU			CA	Narrow	24,097	187.9	128.2	
LXEW4-40HV-FAW-EU			FA	Wide	24,655	188.3	130.9	
LXEW4-40HV-CPW-EU			CP	Wide	24,780	188.3	131.6	
LXEW4-40HV-CAW-EU			CA	Wide	24,986	188.4	132.6	
LXEW4-50HV-CPN-EU	50K		CP	Narrow	24,521	187.9	130.5	
LXEW4-50HV-FAN-EU			FA	Narrow	24,564	187.9	130.7	
LXEW4-50HV-CAN-EU			CA	Narrow	24,738	187.9	131.7	
LXEW4-50HV-FAW-EU			FA	Wide	25,311	188.3	134.4	
LXEW4-50HV-CPW-EU			CP	Wide	25,439	188.3	135.1	
LXEW4-50HV-CAW-EU			CA	Wide	25,651	188.4	136.2	
LXEW4-30V-CPN-EU	Very High Lumen		30K	CP	Narrow	29,040	259.1	112.1
LXEW4-30V-FAN-EU				FA	Narrow	29,114	259	112.4
LXEW4-30V-CAN-EU				CA	Narrow	29,317	258.3	113.5
LXEW4-30V-FAW-EU				FA	Wide	29,811	259.1	115.1
LXEW4-30V-CPW-EU				CP	Wide	30,051	259.1	116
LXEW4-30V-CAW-EU				CA	Wide	30,214	259.5	116.4
LXEW4-35V-CPN-EU			35K	CP	Narrow	30,031	259.1	115.9
LXEW4-35V-FAN-EU				FA	Narrow	30,107	259	116.2
LXEW4-35V-CAN-EU				CA	Narrow	30,318	258.3	117.4
LXEW4-35V-FAW-EU				FA	Wide	30,828	259.1	119
LXEW4-35V-CPW-EU				CP	Wide	31,077	259.1	119.9
LXEW4-35V-CAW-EU				CA	Wide	31,245	259.5	120.4
LXEW4-40V-CPN-EU		40K	CP	Narrow	30,482	259.1	117.6	
LXEW4-40V-FAN-EU			FA	Narrow	30,559	259	118	
LXEW4-40V-CAN-EU			CA	Narrow	30,773	258.3	119.1	
LXEW4-40V-FAW-EU			FA	Wide	31,290	259.1	120.8	
LXEW4-40V-CPW-EU			CP	Wide	31,543	259.1	121.7	
LXEW4-40V-CAW-EU			CA	Wide	31,714	259.5	122.2	
LXEW4-50V-CPN-EU		50K	CP	Narrow	31,293	259.1	120.8	
LXEW4-50V-FAN-EU			FA	Narrow	31,372	259	121.1	
LXEW4-50V-CAN-EU			CA	Narrow	31,591	258.3	122.3	
LXEW4-50V-FAW-EU			FA	Wide	32,123	259.1	124	
LXEW4-50V-CPW-EU			CP	Wide	32,382	259.1	125	
LXEW4-50V-CAW-EU			CA	Wide	32,557	259.5	125.5	

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

**DELIVERED LUMENS (CONTINUED)**

PRODUCT AVAILABILITY							
Lumen Package	Output	Color	Lens	Distribution	Lumens	Watts	LPW
LXEW4-30X-FAN-EU	Extra High Lumen	30K	FA	Narrow	34,635	3291	105.2
LXEW4-30X-FAW-EU			FA	Wide	35,172	3279	107.3
LXEW4-30X-CAW-EU			CA	Wide	35,357	3277	107.9
LXEW4-30X-CPW-EU			CP	Wide	35,443	3281	108
LXEW4-30X-CAN-EU			CA	Narrow	35,477	3294	107.7
LXEW4-35X-FAN-EU			35K	FA	Narrow	35,817	3291
LXEW4-35X-FAW-EU		FA		Wide	36,372	3279	110.9
LXEW4-35X-CAW-EU		CA		Wide	36,563	3277	111.6
LXEW4-35X-CPW-EU		CP		Wide	36,652	3281	111.7
LXEW4-35X-CAN-EU		CA		Narrow	36,687	3294	111.4
LXEW4-40X-FAN-EU		40K		FA	Narrow	36,354	3291
LXEW4-40X-FAW-EU			FA	Wide	36,918	3279	112.6
LXEW4-40X-CAW-EU			CA	Wide	37,112	3277	113.2
LXEW4-40X-CPW-EU			CP	Wide	37,202	3281	113.4
LXEW4-40X-CAN-EU			CA	Narrow	37,238	3294	111.4
LXEW4-50X-FAN-EU			50K	FA	Narrow	37,321	3291
LXEW4-50X-FAW-EU		FA		Wide	37,900	3279	115.6
LXEW4-50X-CAW-EU		CA		Wide	38,099	3277	116.3
LXEW4-50X-CPW-EU		CP		Wide	38,191	3281	116.4
LXEW4-50X-CAN-EU		CA		Narrow	38,228	3294	116.1

**PRODUCT EXCEPTIONS & DETAILS**

PERFORMANCE DATA BY LUMEN PACKAGE				
Length	Output	Nominal Lumen Range	Watts	Lumens Per Watt
4'	L	11,079–12,495	91	122–137
	M	14,926–16,539	122	123–136
	MH	16,580–18,689	138	121–136
	H	20,051–22,321	178	113–129
	HV	22,756–25,651	188	121–136
	V	29,040–32,557	260	112–126
	X	34,635–38,228	329	105–116

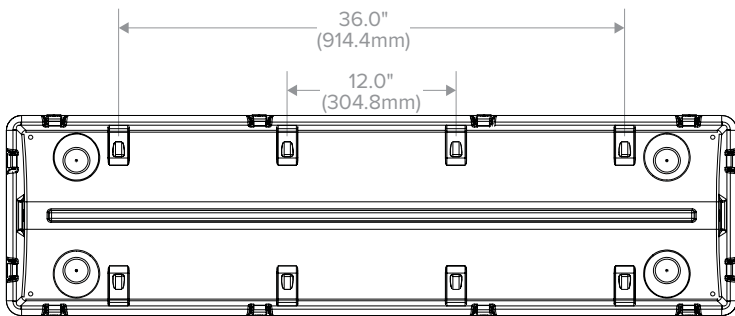
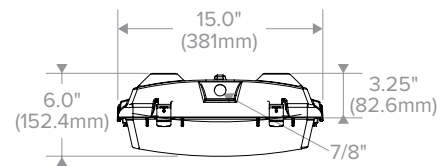
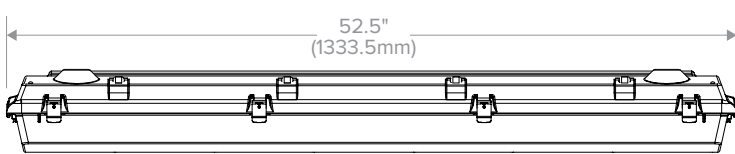
MAX AMBIENT OPERATING TEMP.						
Length	Output	Nominal Lumen Range	Max Ambient Operating Temperature (C°) (Universal Voltage)	ELL14 (with Universal Voltage)	347v/480v	ELL14 (with 347v/480v)
4'	L	11,079–12,495	45	45	35	N/A
	M	14,926–16,539	45	45	35	N/A
	MH	16,580–18,689	45	35	35	N/A
	H	20,051–22,321	35	25	35	N/A
	HV	22,756–25,651	30	N/A	35	N/A
	V	29,040–32,557	30	N/A	N/A	N/A
	X	34,635–38,228	25	N/A	N/A	N/A

**PROJECTED LUMEN MAINTENANCE**

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.94	0.88	0.86
TM-21-21	25C/77F	0.94	0.88	0.86

\* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

**DIMENSIONS**



**NOTE:** All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.

**PHOTOMETRY**

**LXEW4-40M-CAW-EU**

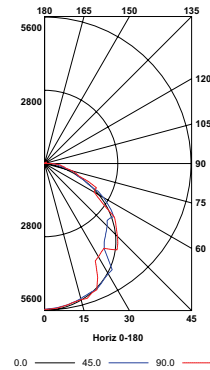
**LUMINAIRE DATA**

Test No.	18542
Description	LXEW LED Enclosed and Gasketed, Extreme Environment 15" x 52" LED with clear acrylic lens
Delivered Lumens	16111
Watts	121.70
Efficacy	132
Mounting	Surface
Spacing Criterion	0° = 1.28 90° = 1.08

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Luminaire
0-30	4344	27
0-40	7013	43.5
0-60	12512	77.7
0-90	15855	98.4
0-180	16111	100

**POLAR GRAPH**



**LXEW4-50H-CAW-EU**

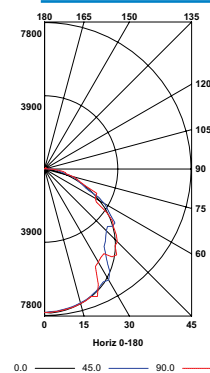
**LUMINAIRE DATA**

Test No.	18564
Description	LXEW LED Enclosed and Gasketed, Extreme Environment 15" x 52" LED with clear acrylic lens
Delivered Lumens	22321
Watts	173.50
Efficacy	129
Mounting	Surface
Spacing Criterion	0° = 1.29 90° = 1.12

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Luminaire
0-30	5983	26.8
0-40	9674	43.3
0-60	17296	77.5
0-90	21980	98.5
0-180	22321	100

**POLAR GRAPH**



**LXEW4-50V-FAN-EU**

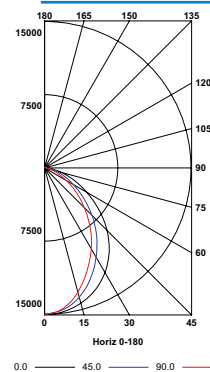
**LUMINAIRE DATA**

Test No.	18561
Description	LXEW LED Enclosed and Gasketed, Extreme Environment 15" x 52" LED with frosted acrylic lens
Delivered Lumens	31372
Watts	259.00
Efficacy	121
Mounting	Surface
Spacing Criterion	0° = 1.23 90° = 0.99

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Luminaire
0-30	10740	34.2
0-40	16751	53.4
0-60	26426	84.2
0-90	30837	98.3
0-180	31372	100

**POLAR GRAPH**



**ADDITIONAL INFORMATION**

**DTS WIRING DIAGRAM (0-10V DIMMING DRIVER SHOWN)**

