



LED Linear Low-Bay Lighting w/Dimmer, 4 ft

40 & 50 Watts – Clear or Frosted Lens – 120° Wide Beam – 100~277VAC – Motion & Daylight Sensors – IP65



**Built-in Adjustable
Microwave Motion
Sensor, Dimmer &
Daylight Sensor**

FEATURES

- 5 Year LEDtronics Warranty
- Lumen Maintenance over 70% @ 50,000+ Hours
- IP65: Suitable for Wet Locations
- DLC QPL & UL/cUL Listed (E330342) / Title 24 Compliant
- 2-Step & 3-Step Sensor Functions, Multiple Programming Options (See Back for Details)
- Lightweight, Durable Polycarbonate Housing Resists Vandalism, High Impact & Shock
- Stainless Steel Heatsink & Mounting Hardware for Wall, Ceiling or Suspended Mounting (Silicon Gasket & Closure Clips for Secure, Even Sealing)
- No UV/IR Radiation, No RF Interference / No Buzzing, No Flickering; RoHS Compliant – No Toxic Mercury
- LED LM80 & LM79 Test Reports on File

APPLICATIONS

- Production Areas
- Canopies, Stairwells
- Warehouse & Workshop Lighting
- Food Processing Facilities
- Equestrian Facilities / Farmyards
- Parking Areas & Garages
- Tunnels, Bridges

AVAILABLE OPTIONS

- 2 ft/25 Watt Low-Bay Luminaire

**Over 35 Years of LEDtronics Design,
Engineering & Manufacturing
Experience**

*PC Diffuser Eliminates Glare –
Integrated with Crystals that Enhance
Even Light Distribution*



Frosted Lens

**Only 40 Watts, Replaces
3-Tube Fluorescent Luminaires
Totaling up to 100W**



Clear Lens

LLL02-40WF-XNW-101PSD (4000K)

LLL02-40WF-XPW-101PSD (5000K)

	XNW	XPW
Input Power	38.2 Watts	39 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Total Lumens	4900 lm	5100 lm
Power Factor	0.9	
Efficacy	127.14 lm/W	131 lm/W
Illumination Angle	105° x 115°	110° x 115°
Emitted Color	Natural White	Pure White
Color Temperature	4000K	5000K
CRI	84	
Dimmability	Programmable	
Oper. Temperature	-40°F to +122°F (-40°C to 50°C)	
Protection Rating	IP65	
Body Material	Polycarbonate / White	
Diffuser Plate	Polycarbonate / Frosted	
Heatsink	Steel / White	
Dimensions	L50.0 x H3.80 x W6.24 inch L1270 x H96.5 x W158.5 mm	
Weight	7.86 lbs / 3.565 kg	
DLC Product ID	PL7552Q3PWUW	PLNI8J5MMLSR



SIDE VIEW



TOP VIEW

BOTTOM VIEW

FRONT VIEW

LLL02-40WC-XNW-101PSD (4000K)

LLL02-40WC-XPW-101PSD (5000K)

	XNW	XPW
Input Power	40 Watts	
Input Voltage	100~277VAC (Tested @120VAC)	
Total Lumens	5000 lm	
Power Factor	0.9	
Efficacy	125 lm/W	
Illumination Angle	120°	
Emitted Color	Natural White	Pure White
Color Temperature	4000K	5000K
CRI	84	
Dimmability	Programmable	
Oper. Temperature	-40°F to +122°F (-40°C to 50°C)	
Protection Rating	IP65	
Body Material	Polycarbonate / White	
Diffuser Plate	Polycarbonate / Clear	
Heatsink	Steel / White	
Dimensions	L50.0 x H3.80 x W6.24 inch L1270 x H96.5 x W158.5 mm	
Weight	7.86 lbs / 3.565 kg	
DLC Product ID	PLKPCXR51HM	PL5IXNIANTUX

LEDTRONICS®

America's Premium Brand LED Company™



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WWW.LEDTRONICS.COM

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Check LEDtronics.com for latest data.
Printed material may be outdated.

4-ft LED Linear Low-Bay & Canopy Lighting, Vapor-Tight, with Dimmer – 50 Watts

2

Only 50 Watts, Replaces 3-Tube Fluorescent Luminaires Totalling up to 150W



Frosted Lens

Clear Lens

LLL02-50WF-XNW-101PSD (4000K)

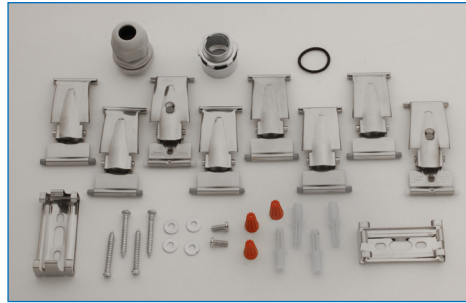
LLL02-50WF-XPW-101PSD (5000K)

	XNW	XPW
Input Power	51 Watts	50 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Total Lumens	6600 lm	6700 lm
Max. Candela	1988 cd	2066 cd
Power Factor	0.92	
Efficacy	130 lm/W	133 lm/W
Illumination Angle	120°	
Emitted Color	Natural White	Pure White
Color Temperature	4000K	5000K
CRI	82.9	81.4
Dimmability	Programmable	
Oper. Temperature	-40°F to +122°F (-40°C to 50°C)	
Body Material	Polycarbonate / White	
Diffuser Plate	Polycarbonate / Frosted White	
Heatsink	Steel / White	
Protection Rating	IP65	
Dimensions	L50.0 x H3.80 x W6.24 inch L1270 x H96.5 x W158.5 mm	
Weight	7.86 lbs / 3.565 kg	
DLC Product ID	PLYCZWSF719 PL1JYT80TLUB	

SENSOR FUNCTIONS & PROGRAMMABILITY

- 2-Step (Full-On, Dimmed Standby); 3-Step (Full-On, Dimmed Standby, Lights Off)
- Programmable: Time Since No Motion; Standby Time (Dimmed Warning); Dimmed Light Level; Dark-Sensing for Luminaire Turn-on; Motion Detection Sensitivity

INCLUDED HARDWARE



LLL02-50WC-XNW-101PSD (4000K)

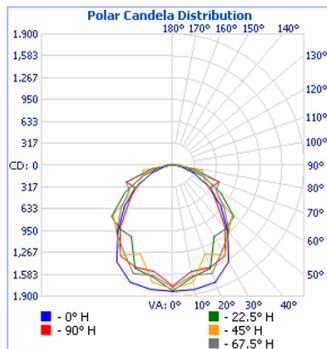
LLL02-50WC-XPW-101PSD (5000K)

	XNW	XPW
Input Power	49.1 Watts	48.9 Watts
Input Voltage	100~277VAC (Tested @120VAC)	
Total Lumens	7355 lm	7570 lm
Power Factor	0.9	
Efficacy	149 lm/W	154 lm/W
Illumination Angle	120°	
Emitted Color	Natural White	Pure White
Color Temperature	4000K	5000K
CRI	84	83
Dimmability	Programmable	
Oper. Temperature	-40°F to +122°F (-40°C to 50°C)	
Protection Rating	IP65	
Body Material	Polycarbonate / White	
Diffuser Plate	Polycarbonate / Clear	
Heatsink	Steel / White	
Dimensions	L49.75 x H3.80 x W6.75 inch L1263.6 x H96.5 x W171.4 mm	
Weight	7.86 lbs / 3.565 kg	
DLC Product ID	PLUQ1SNIWX4R PL2UFTA20JGJ	

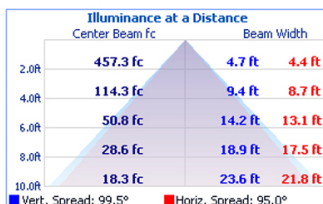
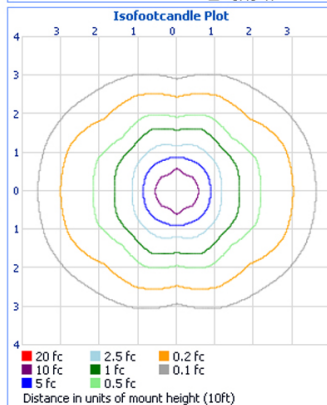
PHOTOMETRIC REPORTS

LLL02-40WC-XNW-101PSD

Filename: LLL02-40WC-XNW-101PSD
Manufacturer: LEDTRONICS
Luminaire: CLEAR LENS, 39.9W, 120VAC
Lamp Output: 1 lamp, rated Lumens/lamp: 5104.1
Max Candela: 1,829.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 6-14-17
Photometry: Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 x 7

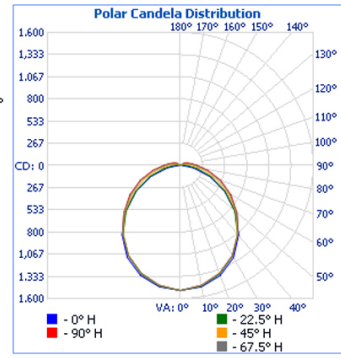


Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	162.4	3.2%	90-100	40.2	0.8%
10-20	458.6	9.0%	100-110	21.6	0.4%
20-30	692.1	13.6%	110-120	18.9	0.4%
30-40	831.6	16.3%	120-130	15.2	0.3%
40-50	873.5	17.1%	130-140	0	0%
50-60	764.7	15.0%	140-150	0	0%
60-70	605.4	11.9%	150-160	0	0%
70-80	435.1	8.5%	160-170	0	0%
80-90	184.7	3.6%	170-180	0	0%

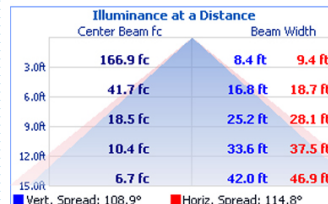
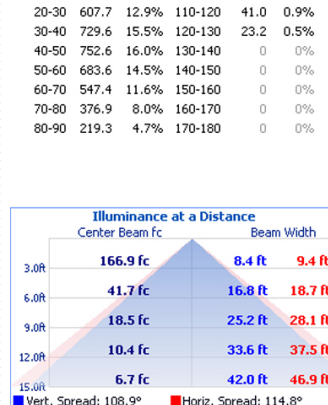


LLL02-40WF-XPW-101PSD

Filename: LLL02-40WF-XPW-101PSD
Manufacturer: LEDTRONICS
Luminaire: FROSTED LENS, 38.8W, 120VAC
Lamp Output: 1 lamp, rated Lumens/lamp: 4716.3
Max Candela: 1,504.0 at Horizontal: 67.5°, Vertical: 0°
Luminous Opening: Point
Test: 6-15-17
Photometry: Type C
CIE Class: Direct
Cutoff Class: Semicutoff



Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	141.0	3.0%	90-100	120.7	2.6%
10-20	402.2	8.5%	100-110	71.1	1.5%
20-30	607.7	12.9%	110-120	41.0	0.9%
30-40	729.6	15.5%	120-130	23.2	0.5%
40-50	752.6	16.0%	130-140	0	0%
50-60	683.6	14.5%	140-150	0	0%
60-70	547.4	11.6%	150-160	0	0%
70-80	376.9	8.0%	160-170	0	0%
80-90	219.3	4.7%	170-180	0	0%



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