

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com



SPECIFICATIONS

VOLTAGE	120-277V, 50/60 Hz
WATTAGE	105/135/165W
COLOR TEMP	3500/4000/5000K
OPERATING TEMP	AC Only: -40 to 113°F (-40 to 45°C)
HOUSING	Plastic (Gray Finish)
LENS	Diffused/frosted polycarbonate lens (UV-stabilized)
WEIGHT	11.27 lb / 5.11 kg
LENGTH	4ft / 1.2m
LUMENS	16,000 to 27,000lm 150-178 LPW
DIMMING	1-10V Dimming (Dim-to-off Driver)
PROTECTION	NSF, IP65, IK08
WARRANTY	5 Year Limited Warranty

CERTIFICATIONS

- **NSF Certified:** ideal for use in food processing & food safety environments.

This includes poultry processing, food and beverage processing, commercial kitchens and manufacturing facilities.

- **Installation:** Surface mount standard, 3' power cord provided for ease of installation.

- **IP65/IK08:** It features a smooth dust-proof surface with a watertight seal that can withstand high-pressure wash downs.

ACCESSORIES



PIR
PIR Sensor Kit



RC
Occupancy Sensor
Remote Control



ACC
Aircraft Cable
(field-installable)



EM
15W Emergency
Battery Backup

LUMENS, OPTICS & DIMENSIONS

*See Page 3 for All Photometry Diagrams.

*See Page 2 for All Dimensions Diagrams.

ORDERING INFORMATION

ORDERING GUIDE

Series	Wattage / CCT	Length	Operation	Options
WNV	V = Selectable (105/135/165W 3500/4000/5000K)	4 = 4ft	AC = AC Only	EM = 15W emergency driver (2250lm min) PIR = Occupancy sensor ACC = aircraft cable kit RC = remote for PIR occ sensor

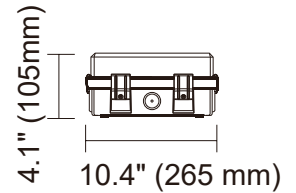
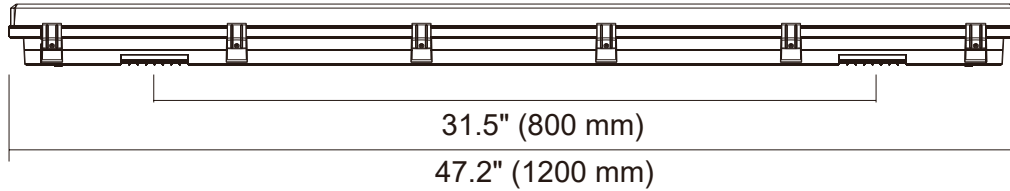
*Notes

1: Wattage is selectable (105/135/165W), 165W default setting; CCT is selectable (3500/4000/5000K) 5000K is the default setting

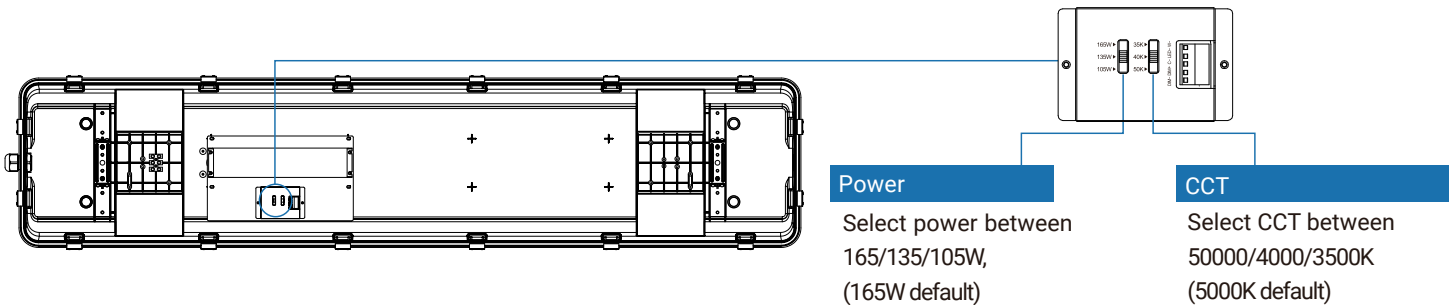
2: External 90° elbow is factory installed, lens attached in the field.

DIMENSIONS

Unit: mm (inch)



TECHNICAL INFORMATION



Note: Before setting power & CCT, release fixture latches, gently squeeze the buckle in and remove the PCB (be careful not to touch the LEDs)

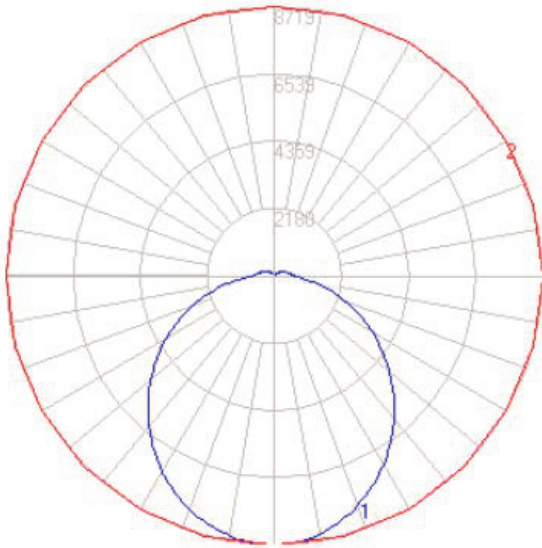
ELECTRICAL RATING + ENERGY CHART

NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE 120V 277V		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
105	0.97	0.42	50/60	240	402.5
135	1.25	0.54	50/60	240	517.5
165	1.53	0.66	50/60	240	632.5

LUMEN LEVEL	WATTAGE SELECTABLE	CCT	CCT SELECTABLE	LUMEN OUTPUT	CONSUMPTION WATTAGE	EFFICACY (LPW)	CRI
1		3500K		16900	105	161	>80
		4000K		18650	105	178	>80
		5000K		17250	105	165	>80
2	YES	3500K		20900	135	155	>80
		4000K	YES	23100	135	171	>80
		5000K		21350	135	158	>80
3		3500K		24750	165	150	>80
		4000K		27400	165	166	>80
		5000K		25350	165	154	>80

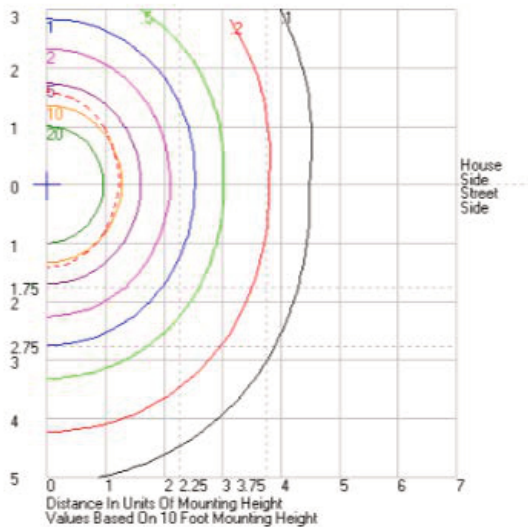
PHOTOMETRY

WNV(165W, 5000K)



Characteristics

Lumens Per Lamp	25068 (1 lamp)
Total Lamp Lumens	25068
Luminaire Lumens	25064
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	152
Total Luminaire Watts	165.419
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.52 m
Luminous Width (90-270)	0.26 m



Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	3158.72	12.60	12.60
0-30	6641.46	26.50	26.50
0-40	10745.5	42.90	42.90
0-60	18577.44	74.10	74.10
0-80	23189.28	92.50	92.50
0-90	23996.69	95.70	95.70
10-90	23173.83	92.40	92.50
20-40	7586.78	30.30	30.30
20-50	11735.11	46.80	46.80
40-70	10671.55	42.60	42.60
60-80	4611.84	18.40	18.40
70-80	1772.23	7.10	7.10
80-90	807.41	3.20	3.20
90-110	698.74	2.80	2.80
90-120	859.90	3.40	3.40
90-130	951.20	3.80	3.80
90-150	1028.21	4.10	4.10
90-180	1067.45	4.30	4.30
110-180	368.70	1.50	1.50
0-180	25064.14	100.00	100.00

Total Luminaire Efficiency = 100.00%