

Catalog Number:	Project Name:	Note:	Date:	Type:
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DESCRIPTION

Portor's Wraparound series is designed to save energy and meet lost light regress requirements. Our 9" wraparound is wattage adjustable (30W/35W/40W) and color tunable (35K/40K/50K).

Ideal use for offices, hallways, stairwells, bathrooms and conference rooms.



CONSTRUCTION

Sleek slim design wraparound with durable and solid form factor frame. Made out of quality aluminum alloy body with white finish.

ELECTRICAL

Luminaire is built with high efficacy LED package 120V-277V universal drivers.

OPTICAL SYSTEM

High performance light output perfect for high ceiling. Optic lens designed to reduce glare and improve light distribution through precision lens optics.

ENERGY SAVINGS

Over 50% energy savings compare to fluorescent fixtures. Low heat production from LED technology will require overall less maintenance and operating cost.

DIMMING

Equipped with 1-10V continuous dimming.

MOUNTING

Comes standard with V-Hooks and chains, Option available for Pendant Mount.

CONTROLS

Option available for dimmers, occupancy sensors and daylight harvesting to maximize energy savings.

LISTING

UL Listed, DLC Premium Listed

WARRANTY

5 Years Limited Warranty, Rated for 50,000 hours (See Warranty documentation for details).

WATTAGE	DELIVERED LUMENS	EFFICACY
30W	4080 @ 5000K	136 lm/W
35W	4655 @ 5000K	133 lm/W
40W	5200 @ 5000K	130 lm/W

Based on the wattage @ 5000K setting. Actual lumens may vary.

TECHNICAL SPECIFICATION

WATTAGE	30W/35W/40W
CCT	3500K/4000K/5000K
CRI	82
DIMMABLE	0-10V dimming
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤10%
WORKING TEMPERATURE	-40°F ~ 122°F
STORAGE TEMPERATURE	-40°F ~ 158°F
IP RATING	IP40, Suitable for damp locations
WARRANTY	5 year limited

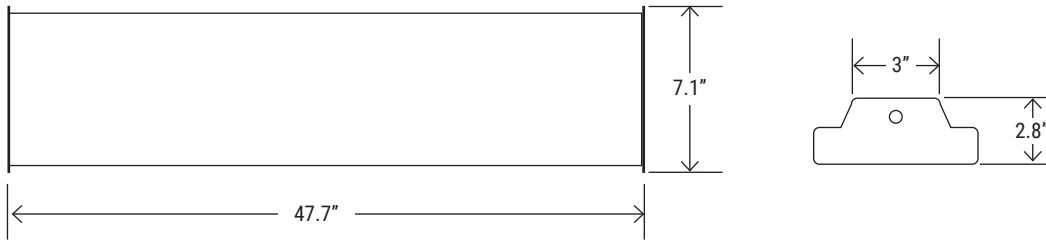


ORDERING SAMPLE: - - - - -

Series	Size	CCT/Wattage	Accessories/Options		
PT-WA2 LED Wraparound Series	4F71 (4 ft / 7 in width)	3CP (35K/40K/50K) (30W/35W/40W)	EM Battery ___ Blank PT-EMN-08W-050	Sensor ___ Blank PT-UNI2-SP-PR ELB-UNI (Required) MSH-RC2 PT-UNI-35-NDP ELB-UNI-35 (Required) MSS-RC-100	Mounting ___ Blank A-CBL

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DIMENSION



EM BATTERY OPTION



PT-EMN-08W-050
LED Emergency Driver

SUSPENDED MOUNTING



A-CBL
Hanging wire for strip light w/ V-hook

SENSOR OPTION



PT-UNI2-SP-PR
Dimmable PIR
Motion Sensor
with Daylight
Harvesting

ELB-UNI
Elbow for
UNI2-SP-PR
(Required)



MSH-RC2
Intelligent
Control Unit



PT-UNI-35-NDP
Dimmable PIR
Motion Sensor

ELB-UNI-35
Elbow for
UNI-35-NDP
(Required)



MSS-RC-100
Intelligent
Control Unit

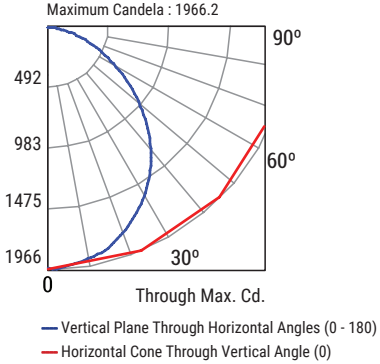


DLC LISTING

CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-WA2-4F71-3CP	30W	4080@5000K	up to 137 lm/W	S-CQ5ZKH	PREMIUM
	35W	4655@5000K			
	40W	5280@5000K			

Catalog Number:	Project Name:	Note:	Date:	Type:
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PT-WAFA	Wattage: 40W	Delivered lumens: 4050	Efficacy: 130 lm/W	CCT: 3500K	CRI: 80
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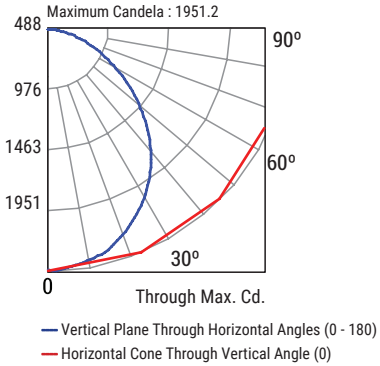


RCR	Coefficients of Utilization													
	pfc	80%				70%				50%				
		pcc	80%		10%		70%		10%		50%		10%	
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	118	118	118	118	114	114	114	114	108	108	108			
1	107	102	98	94	104	99	95	92	94	91	88			
2	97	89	82	77	94	87	81	75	82	77	73			
3	89	78	70	64	86	76	69	63	73	66	61			
4	82	70	61	55	79	68	60	54	65	58	53			
5	75	63	54	47	73	61	53	47	58	51	46			
6	70	57	48	41	67	55	47	41	53	46	40			
7	65	51	43	37	63	50	42	36	48	41	36			
8	60	47	39	33	58	46	38	33	44	37	32			
9	56	43	35	30	55	42	35	29	41	34	29			
10	53	40	32	27	51	39	32	27	38	31	26			

CP Summary		
	0°	90°
0°	1966.2	1966.2
5°	1953.4	1954.1
15°	1852.2	1850.6
25°	1657.7	1646.7
35°	1388.5	1382.3
45°	1085.3	1091.0
55°	781.0	815.0
65°	506.5	578.7
75°	273.2	375.9
85°	74.0	191.4
90°	0.0	121.5

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	706.75	13.40	13.40
0° - 30°	1468.23	27.80	27.80
0° - 40°	2336.91	44.20	44.20
0° - 60°	3903.80	73.80	73.80
0° - 80°	4805.66	90.90	90.90
0° - 90°	4967.21	93.90	93.90

PT-WAFA	Wattage: 40W	Delivered lumens: 5280	Efficacy: 130 lm/W	CCT: 5000K	CRI: 80
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RCR	Coefficients of Utilization													
	pfc	80%				70%				50%				
		pcc	80%		10%		70%		10%		50%		10%	
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	117	117	117	117	114	114	114	114	107	107	107			
1	107	102	97	93	103	99	95	91	93	90	87			
2	97	89	82	76	94	86	80	75	82	76	72			
3	89	78	70	64	86	76	69	63	72	66	61			
4	81	70	61	54	79	68	60	53	64	57	52			
5	75	62	53	47	72	61	52	46	58	51	45			
6	69	56	47	41	67	55	47	41	52	45	40			
7	64	51	42	36	62	50	42	36	48	41	35			
8	60	47	38	33	58	46	38	32	44	37	32			
9	56	43	35	29	54	42	34	29	40	33	29			
10	53	40	32	27	51	39	31	27	37	31	26			

CP Summary		
	0°	90°
0°	1951.2	1951.2
5°	1939.0	1939.9
15°	1839.5	1842.2
25°	1648.5	1653.0
35°	1383.0	1393.9
45°	1079.8	1115.4
55°	780.2	847.8
65°	504.6	613.8
75°	275.0	418.2
85°	75.2	237.1
90°	0.0	152.8

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	701.49	13.10	13.10
0° - 30°	1457.72	27.20	27.20
0° - 40°	2321.21	43.40	43.40
0° - 60°	3885.85	73.60	73.60
0° - 80°	4801.94	89.80	89.80
0° - 90°	4977.83	93.00	93.00

SENSOR OPTION



MSH-RC2
Intelligent Control Unit

EM BATTERY OPTION



EM
LED Emergency Driver

Catalog Number:	Project Name:	Note:	Date:	Type:
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MOUNTING

Comes standard with V-Hooks and chains, Option available for Pendant Mount.

CONTROLS

Option available for dimmers, occupancy sensors and daylight harvesting to maximize energy savings.

LISTING

UL Listed. DLC Premium Listed.

WARRANTY

5 Years Limited Warranty, Rated for 50,000 hours (See Warranty documentation for details).

WATTAGE	DELIVERED LUMENS	EFFICACY
40W	4050 @ 3500K	130 lm/W
	5200 @ 4000K	
	5280 @ 5000K	

Based on the higher wattage @ 3500K/4000K/5000K setting. Actual lumens may vary.

TECHNICAL SPECIFICATION

WATTAGE	30W/35W/40W
CCT	3500K/4000K/5000K
CRI	82
DIMMABLE	0-10V dimming
BEAM ANGLE	120°
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤10%
WORKING TEMPERATURE	-40°F ~ 122°F
STORAGE TEMPERATURE	-40°F ~ 158°F
IP RATING	IP40, Suitable for damp locations
WARRANTY	5 year limited

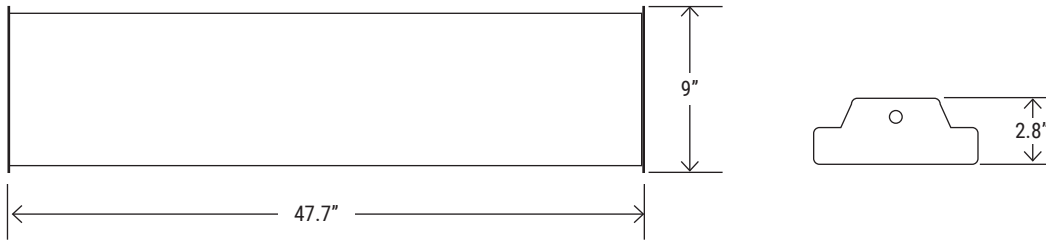


ORDERING SAMPLE: - - - - -

Series	Size	CCT	Accessories/Options		
PT-WAFA LED Wraparound Field-Adjustable Series	4F9I (4 ft / 9 in width)	3CCT (35K/40K/50K)	EM Battery	Sensor	Mounting
			___ Blank PT-EMN-08W-050	___ Blank PT-UNI2-SP-PR ELB-UNI (Required) MSH-RC2 PT-UNI-35-NDP ELB-UNI-35 (Required) MSS-RC-100	___ Blank A-CBL

Catalog Number:	Project Name:	Note:	Date:	Type:
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DIMENSION



EM BATTERY OPTION



PT-EMN-08W-050
LED Emergency Driver

SUSPENDED MOUNTING



A-CBL
Hanging wire for strip light w/ V-hook

SENSOR OPTION



PT-UNI2-SP-PR
Dimmable PIR
Motion Sensor
with Daylight
Harvesting

ELB-UNI
Elbow for
UNI2-SP-PR
(Required)



MSH-RC2
Intelligent
Control Unit



PT-UNI-35-NDP
Dimmable PIR
Motion Sensor

ELB-UNI-35
Elbow for
UNI-35-NDP
(Required)



MSS-RC-100
Intelligent
Control Unit

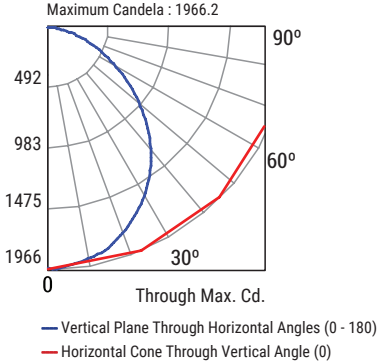


DLC LISTING

CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-WAFA-4F9I-3CCT	40W (Default Watt)	4050@3500K	130 lm/W	PLO4Y02TWL2B	PREMIUM
		5200@4000K			
		5280@5000K			

Catalog Number:	Project Name:	Note:	Date:	Type:
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PT-WAFA	Wattage: 40W	Delivered lumens: 4050	Efficacy: 130 lm/W	CCT: 3500K	CRI: 80
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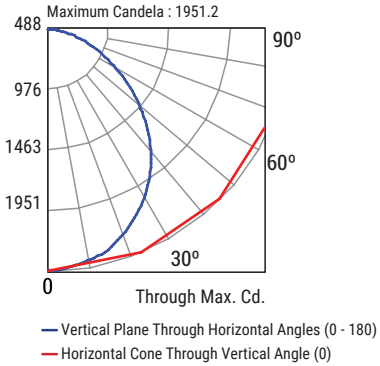


		Coefficients of Utilization											
		80%				70%				50%			
pf _c	pcc												
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	
RCR	0	118	118	118	118	114	114	114	114	108	108	108	
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PT-WAFA	Wattage: 40W	Delivered lumens: 5280	Efficacy: 130 lm/W	CCT: 5000K	CRI: 80
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		Coefficients of Utilization											
		80%				70%				50%			
pf _c	pcc												
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	
RCR	0	117	117	117	117	114	114	114	114	107	107	107	
	1	107	102	97	93	103	99	95	91	93	90	87	
	2	97	89	82	76	94	86	80	75	82	76	72	
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	8	60	47	38	33	58	46	38	32	44	37	32	
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