PORTOR LIGHTING
a PORTOR INDUSTRY brand

PT-WAFA SERIES

4' LED Eco-Slim Wraparound Field-Adjustable Luminaire

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

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% every 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
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: [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

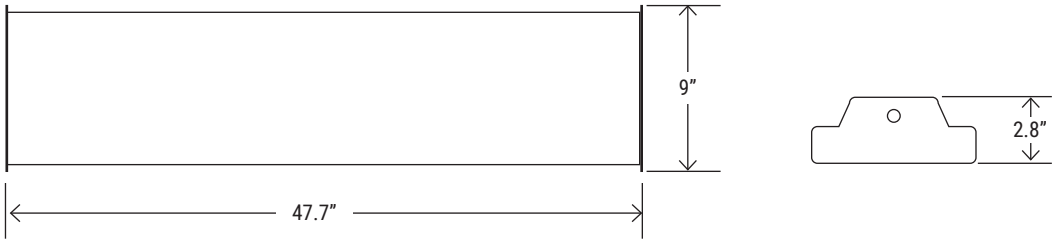
Series	Size	CCT	Accessories/Options		
			EM Battery	Sensor	Mounting
PT-WAFA LED Wraparound Field-Adjustable Series	**4F9I** (4 ft / 9 in width)	**3CCT** (35K/40K/50K)	___ Blank PT-EMN-08W-050	___ Blank PT-UNI2-SP-PR ELB-UNI (Required) MSH-RC2 PT-UNI-35-NDP ELB-UNI-35 (Required) MSS-RC-100 DC12V (Required for Sensor Installation)	___ Blank A-CBL

PT-WAFA SERIES

4’ LED Eco-Slim Wraparound Field-Adjustable Luminaire

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

DIMENSION



EM BATTERY OPTION

PT-EMD-8W
LED Emergency Driver
(internal installation)

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

DC12V
Adapter Required for Sensor installation

DLC LISTING

CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-WAFA-4F9I-3CCT	40W (Default Watt)	4050@3500K 5200@4000K 5280@5000K	130 lm/W	**PLO4YO2TWL2B**	PREMIUM

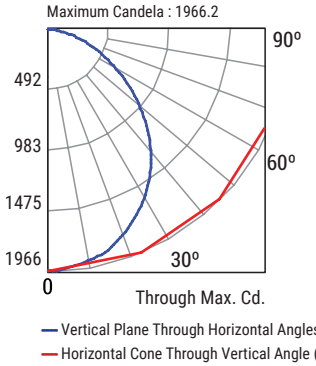
PORTOR LIGHTING
a PORTOR INDUSTRY brand

PT-WAFA SERIES

4' LED Eco-Slim Wraparound Field-Adjustable Luminaire

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

PT-WAFA | *Wattage:* **40W** | *Delivered lumens:* **4050** | *Efficacy:* **130 lm/W** | *CCT:* **3500K** | *CRI:* **80**



Coefficients of Utilization

	pfc	20%										
	pcc	80%				70%				50%		
RCR	pw	70%	50%	30%	10%	70%	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

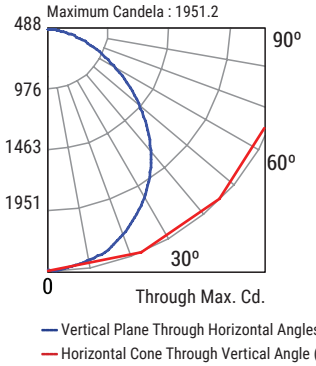
CP Summary

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

Zonal Lumen Summary

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

PT-WAFA | *Wattage:* **40W** | *Delivered lumens:* **5280** | *Efficacy:* **130 lm/W** | *CCT:* **5000K** | *CRI:* **80**



Coefficients of Utilization

	pfc	20%										
	pcc	80%				70%				50%		
RCR	pw	70%	50%	30%	10%	70%	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

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

Zonal Lumen Summary

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