

JOB _____
 TYPE _____
 CATALOG # _____



VN-VW SERIES

APPLICATION

- WET LOCATION LISTED FLUORESCENT FIXTURE FOR USE IN DUST, MOISTURE OR CORROSIVE ENVIRONMENTS.
- WELL SUITED FOR FOOD PROCESSING, PARKING GARAGES, CAR WASHES, EXTERIOR RETAIL AREAS, TRANSPORTATION FACILITIES, TUNNELS AND UNDERPASSES, REFRIGERATED STORAGE, MARINAS, AND PROCESSING PLANTS WITH ADVERSE ENVIRONMENTS.

FINISH

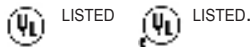
- ALL EXPOSED METAL PARTS PRETREATED WITH A PHOSPHATE BONDING PROCESS AND POST-PAINTED WITH AN ELECTROSTATICALLY APPLIED HIGH TEMPERATURE BAKED WHITE ENAMEL FOR SUPERIOR QUALITY AND DURABILITY.

CONSTRUCTION

- ONE PIECE IMPACT-RESISTANT, FIBERGLASS REINFORCED POLYESTER (FRP) HOUSING.
- POURED IN PLACE POLYURETHANE GASKET AND POLYCARBONATE LATCHES PROVIDE POSITIVE CONTACT AND SEAL THE ENCLOSURE FROM MOST HOSTILE ENVIRONMENTS.
- RIBBED POLYCARBONATE (PR), RIBBED ACRYLIC (AR) LENSES AVAILABLE. (SEE ORDERING GUIDE)

ELECTRICAL

- STANDARD BALLAST IS ELECTRONIC, HPF, CLASS P AND UL LISTED FOR UNIVERSAL VOLTAGE.



- LISTED FOR DAMP/WET AND IP55 INSTALLATIONS AND IP65 & IP66 LISTED WITH MAXIMUM (2) 32W LAMPS IN 4' PRODUCT & (4) 32W LAMPS IN 8' PRODUCT.
- NEMA 4X CERTIFIED
- I.B.E.W. LABELED.



WET/DAMP LOCATION LUMINAIRE

ORDERING GUIDE EXAMPLE: VW15448-EO9AR

SERIES	LMPs	WATTS	FIX		OPTIONS
VN	1	28-28w T5 32-32wT8 54-54wT5HO	48	BALLAST: 1 OR 2 LAMPS: EO – ONE BALLAST	LAMPS: L835 – LAMP, GENERIC, 80-85 CRI, 3500K L841 – LAMP, GENERIC, 80-85 CRI, 4100K EMERGENCY BALLASTS: EM1- 1 LAMP (500-600 LUMENS) EM1A -1 LAMP (350-450 LUMENS) EM2 - 2 LAMPS (1100-1400 LUMENS) EM2A - 2 LAMPS (600-700 LUMENS) EM3 - 1 LAMP (600-700 LUMENS), 2 HOURS ACCESSORIES: SSL - STAINLESS STEEL LATCHES Hub - (2) HUBS INSTALLED IN HOUSING 45026 - CHAIN HANGING MOUNTING BAIL (BRACKET ASSEMBLY REQUIRED) (USE 2 PER FIXTURE) 55319 - VN MOUNTING BRACKET FOR USE WITH 3/8" THREADED ROD (2 REQUIRED PER FIXTURE) 55320 - VW MOUNTING BRACKET FOR USE WITH 3/8" THREADED ROD (2 REQUIRED PER FIXTURE) VN SERIES - SUPPLIED STANDARD WITH 45005 MOUNTING BRACKETS. VW SERIES - SUPPLIED STANDARD WITH 45006 MOUNTING BRACKETS. NOTE: POLYCARBONATE AND STAINLESS STEEL LATCHES CAN BE MADE TAMPER PROOF WITH THE FOLLOWING SCREWS: • POLYCARBONATE - 1/2" #4 SCREW • STAINLESS STEEL - 3/8" #6 SCREW.
	2,3	17-17w T8 14-14w T5 24-24wT5HO	24	3+ LAMPS: EO – TWO BALLASTS, WIRED INBOARD/OUTBOARD (OR CUSTOMER SPECIFIED) CO – ONE BALLAST	
VW	1,2,3	28-28w T5 32-32wT8 54-54wT5HO	48	SPECIFIC BALLASTS: HL – HIGH BALLAST FACTOR LW – LOW BALLAST FACTOR PSP – PROGRAM START, PARALLEL WIRING PRS - PROGRAMMED RAPID START BALLAST (STD ON T5)	
	2	32-32wT8 54-54wT5HO	*96	DIMMING: DL - DIMMING, LUTRON DA - DIMMING, ADVANCE DO - DIMMING, OSRAM DU - DIMMING, ULT (SPECIFY VENDOR'S PRODUCT CATALOG DESCRIPTION)	
	4,6	59-59w T8 86-86wT8HO		VOLTAGE: 1 - 120 7- 480 4 - 277 8 - 347-480 5 - 347 9- 120-277	
	4			LENS: PR - POLYCARBONATE RIBBED LENS (STANDARD ON MOST UNITS) AR - ACRYLIC RIBBED LENS *(8' UNIT IS ONLY AVAILABLE WITH AR LENS)	



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VN-VW SERIES

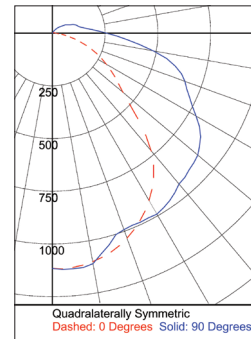
PHOTOMETRIC DATA

CATALOG NUMBER: VN15448-EO9AR
 LAMPS: TWO F32T8 EACH RATED @ 2850 LUMENS
 TOTAL LUMINAIRE EFFICIENCY: 73.2%

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-30	849.9	14.4	19.7
0-40	1405.3	23.8	32.5
0-60	2645.2	44.8	61.2
60-90	1319.7	22.4	30.5
0-90	3964.9	67.2	91.7
90-180	356.9	6.0	8.3
0-180	4321.8	73.3	100.0

Luminance in Candela Per Square Meter			
Angle in Deg	Average 0 - Deg	Average 45 - Deg	Average 90 - Deg
0	6004	6004	6004
45	4182	4938	5149
55	3202	5154	5340
65	2739	5197	5187
75	2018	5023	5399
85	1288	4659	4360

Plane: 0-Deg 90-Deg
 Spacing Criteria: 1.25 1.53



Coefficients of Utilization - Zonal Cavity Method Effective Floor Reflectance 20%																		
RC	80%				70%				50%			30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	86	86	86	86	83	83	83	83	78	78	78	73	73	73	69	69	69	67
1	76	72	68	64	73	69	66	63	65	62	60	61	59	57	58	56	54	52
2	68	61	55	51	66	59	54	49	56	51	47	52	49	45	49	46	43	41
3	62	53	46	41	59	51	45	40	48	43	39	45	41	37	43	39	36	34
4	56	47	40	34	54	45	39	34	43	37	32	40	35	31	38	34	30	28
5	52	41	34	29	49	40	34	29	38	32	28	36	31	27	34	29	26	24
6	47	37	30	25	46	36	29	25	34	28	24	32	27	23	30	26	23	21
7	44	33	27	22	42	33	26	22	31	25	21	29	24	20	28	23	20	18
8	41	30	24	19	39	30	23	19	28	23	19	27	22	18	25	21	18	16
9	38	28	22	17	37	27	21	17	26	20	17	25	20	16	23	19	16	14
10	36	26	20	16	34	25	19	15	24	19	15	23	18	15	22	17	14	13

DIMENSIONS

SPECIFICATIONS AND DIMENSIONAL DATA SUBJECT TO CHANGE
 WITHOUT NOTICE.

