

CATALOG NUMBER	
PROJECT NAME	TYPE
VOLTAGE	LAMPS



AMAZON WCL

WATER CLEAR LENS

SPECIFICATIONS

- UL Listed Wet Location
- Fiberglass Body with Continuous Poured, Closed Cell Polyurethane Gasket
- Impact Resistant Acrylic Lens
- Optional Peaked Reflector Spreads Light for Wider Spacing (WE)
- Stainless Steel Mounting Brackets for Drill Free Mounting Standard
- Plastic Latches Standard*, Stainless Steel Latches (SS) and Tamper Proof Screws (TPS) Optional
- Suitable for Wall or Ceiling Mount
- 4 and 8 Foot Enclosures
- 1, 2, and 3 Lamp Cross Sections
- Body Attributes
 - IP 67 (Dust Tight, Immerse 1M, 30Min)
 - High Pressure Hose Down 1500 Psi
 - 5VA Flame Rating
 - UL Listed / Wet Locations
 - NSF Rated Components
 - (F1) Rated for Outdoor Use



APPLICATIONS

- Parking Garages
- Food Processing and Preparation (Stainless Steel Latches)
- Horse Barns
- Car Washes (Stainless Steel Latches)
- Pool Areas (Stainless Steel Latches)
- Hallways and Stair Wells

*Stainless Steel latches are recommended for the following applications: swimming pools due to chlorine, food processing due to cleaning chemicals, car washes due to chemicals used, agriculture due to ammonia



ORDERING GUIDE:

WCL	-	2T5	-	UH	-	LI50
SERIES		LAMP		BALLAST		OPTIONS
<input type="checkbox"/> WCL - Amazon WCL 4 Ft <input type="checkbox"/> WCL8 - Amazon WCL 8 Ft		<input type="checkbox"/> 1T5 - 1 F54 <input type="checkbox"/> 2T5 - 2 F54 <input type="checkbox"/> 3T5 - 3 F54* <input type="checkbox"/> 4T5 - 4 F54 (8 Ft Only) <input type="checkbox"/> 6T5 - 6 F54 (8 Ft Only)* <input type="checkbox"/> 1T8 - 1 F32 <input type="checkbox"/> 2T8 - 2 F32 <input type="checkbox"/> 3T8 - 3 F32 <input type="checkbox"/> 4T8 - 4 F32 (8 Ft Only) <input type="checkbox"/> 6T8 - 6 F32 (8 Ft Only)		<input type="checkbox"/> UH - 120-277 T5HO <input type="checkbox"/> UH - 120-277 T8 HBF <input type="checkbox"/> PSH - Program Start T8 HBF <input type="checkbox"/> UR - 120-277 T8 NBF <input type="checkbox"/> PSN - Program Start T8 HBN <input type="checkbox"/> 4H - 347-480V (T5HO only, T8 use SD480)		<input type="checkbox"/> WE - Wide Distribution 95% Miro 4 Reflector (2 Lamp Only) <input type="checkbox"/> E - 95% Miro 4 Reflector <input type="checkbox"/> PLS - Plunger Sockets (T5HO Only) <input type="checkbox"/> SS - Stainless Steel Latches <input type="checkbox"/> NOMB - No Mounting Brackets <input type="checkbox"/> XXXXBYY - Battery Backup, XXXX = Total Lms Y = Lamps <input type="checkbox"/> FIOS - Factory Installed Occupancy Sensor <input type="checkbox"/> FIOSPC - Factory Installed Occ Sensor with Integrated Photocell <input type="checkbox"/> WLOS - Wet Location Sensor Installed <input type="checkbox"/> LIXX - Lamps Installed XX = Lamp Color (ex. LI50 = 5000K) <input type="checkbox"/> CORDX - Cord with a Wet Location Strain Relief, X=Length <input type="checkbox"/> EB - Extra Ballast <input type="checkbox"/> SD480 - 480V Step Down Transformer <input type="checkbox"/> TPS - Tamper Proof Screws <input type="checkbox"/> HB-XX-LOOP - Loop Cable System, XX = Length
		* Only Available for Below 50° F		All T5 and T8 ballasts are cold start rated at -20° F		



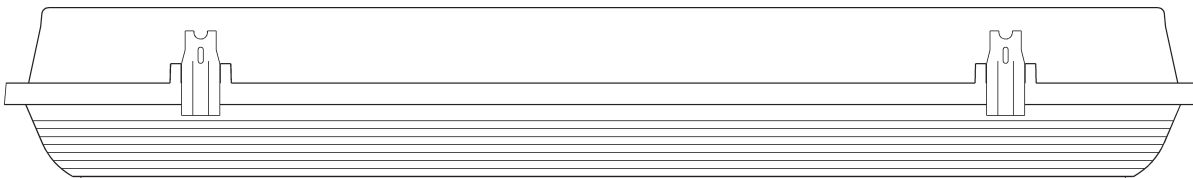
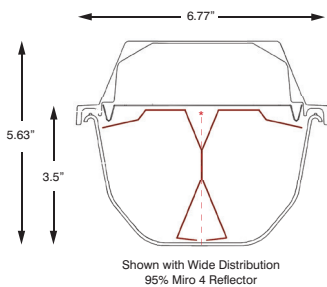
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WET LOCATION

MOUNTING OPTIONS

- Drill-free stainless steel mounting brackets come standard with each unit
- Stainless brackets can attach to 1/4 in. all thread.
- Dual point mounting optional. Body has 3/4 in hole template for easy location and drilling



4 FOOT UNIT - 51.25 IN. LONG
8 FOOT UNIT - 99.5 IN. LONG

WCL-2T5-UH

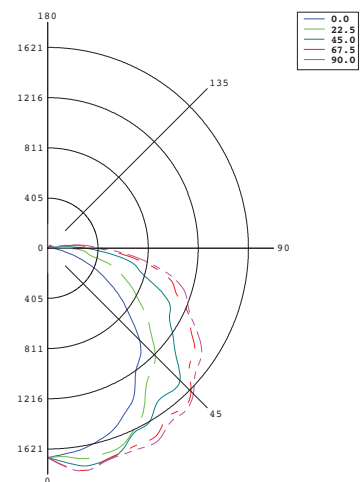
Luminaire Properties

Number of Lamps: 2
 Lumens Per Lamp: 4900
 Input Watts: 102
 Distribution: Direct
 Symmetry: Quadrilateral
 Photometric Type: Type C
 Luminous Shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.2
 90-270 Axis: 0.50
 Height: 0.29

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-30	1438	15	20
0-40	2399	24	34
0-50	4551	46	64
0-90	6784	69	96
90-120	256	3	4
90-150	292	3	4
90-180	292	3	4
0-180	7076	72	100

Candela Plot



Coefficients of Utilization

pfc=	0.20																
	0.80		0.50		0.30		0.10		0.70		0.50		0.30		0.10		
pcc->	0.70	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.50	0.30	0.10	0.00	0.00	
pw->																	
RCR																	
0	86	86	86	86	83	83	83	83	79	79	79	75	75	75	71	71	71
1	76	72	68	64	74	70	66	63	66	63	60	63	60	58	55	55	55
2	68	61	55	50	66	59	54	49	56	52	48	53	50	46	44	44	44
3	62	53	46	41	59	51	45	40	49	43	39	46	42	38	35	35	35
4	56	46	39	34	54	45	39	33	43	37	33	41	36	32	30	30	30
5	51	41	34	29	49	40	33	28	38	32	28	36	31	27	25	25	25
6	47	37	30	25	46	36	29	24	34	28	24	33	27	24	22	22	22
7	44	33	26	22	42	32	26	21	31	25	21	30	25	21	19	19	19
8	41	30	24	19	39	29	23	19	28	23	19	27	22	18	17	17	17
9	38	28	21	17	37	27	21	17	26	20	17	25	20	16	15	15	15
10	35	25	19	15	34	25	19	15	24	19	15	23	18	15	13	13	13