

JOB _____

TYPE _____

NOTES _____

APPROVALS _____

FEATURES

- 20" size in post top, pole and wall mount
- High performance optics up to 17,000 delivered lumens
- Elegant form factor
- Diffusion lens option
- SiteSync™ wireless control options

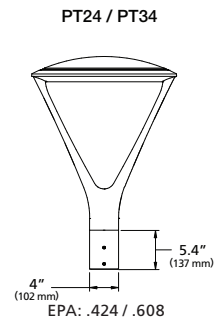
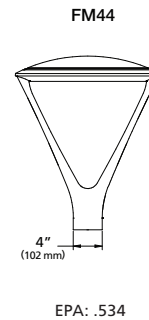
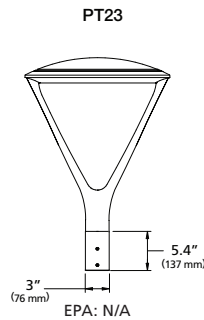
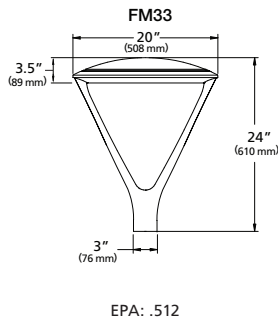
CERTIFICATIONS



SPECIFICATIONS



Weight: 35 lbs



ORDERING CODE

Series	LED Engine	CCT	Distribution	Rotation	Voltage	Mounting
UR20 Ouro	<u>No Lens or Clear Lens</u> 24L-25 3,000 lm 24L-65 7,000 lm 56L-75 10,000 lm 56L-110 15,000 lm 56L-140 17,000 lm <u>HDL - High Diffusion Lens</u> 28L-30 3,000 lm 28L-70 7,000 lm 68L-80 9,000 lm 68L-115 13,000 lm 68L-150 15,000 lm	<u>AM Amber</u> 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI <u>4K7 4000K, 70 CRI</u> 4K8 4000K, 80 CRI 5K7 5000K, 70 CRI	<u>No Lens or Clear Lens</u> FR Type I/Front Row 2 Type II 3 Type III 4 Type IV 4W Type IV Wide 5QM Type V Square Medium 5QN Type V Square Narrow 5R Type V Rectangular 5W Type V Wide (Round) <u>HDL - High Diffusion Lens</u> 3 Type III/Asymmetric 5W Type V/Symmetric	Blank for no rotation L ¹ Optic rotation left R ¹ Optic rotation right	UNV 120-277V 347 347V 480 480V DALI 120-277V [†] †Consult factory	FM33 Flush mt 3.0" OD pole, 3" fixture base FM44 Flush mt 3.6" to 4.0" OD pole, 4" fixture base PT23 3" Post Top mount for 2 3/8" OD Tenon PT24 4" Post Top mount for 2 3/8" OD Tenon PT34 4" Post Top mount for 2 7/8" OD Tenon
Fixture Finish	Control Options	Options	Control Accessories [^]			
BL Black DB Dark Bronze LG Light Gray GT Graphite PS Platinum Silver TT Titanium WH White CC Custom Color [†] †Consult factory	7PR-TL 7 pin PCR with twist lock photocontrol 7PR-SC 7 pin PCR with shorting cap 7PR 7 pin PCR, wireless control enabled AD-01 ² AstroDIM: 50% output at midnight AD-02 ² AstroDIM: 50% output midnight to 4 AM AD-03 ² AstroDIM: 50% output 10PM AD-04 ² AstroDIM: 50% output 10PM to 4AM NXWE NX Wireless Enabled SWP ^{2,3,4} SiteSync Pre commission	SWPM-40F ^{2,3,4,5} SiteSync with Sensor 9' to 40' MH WSP-40F-1 ^{2,5} Dimming Occ. Sensor for up to 40' MH, 120/277/347V WSP-40F-2 ^{2,5} Dimming Occ. Sensor for up to 40' MH, 208/240V WSP-40F-3 ^{2,5} Dimming Occ. Sensor for up to 40' MH, 480V NXSPW14F ^{2,5} NX Wireless, PIR Sensor, 14' NXSPW30F ^{2,5} NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'. NXSP14F ^{2,5} NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14' NXSP30F ^{2,5} NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'	SW7PR ^{2,3} SiteSync with 7 pin PCR SWUSB SiteSync Software on USB SWTAB SiteSync Windows® Tablet SWBRG SiteSync Wireless Bridge Node WIR-RME-L wiSCAPE External Fixture Module SCL-R Occ. Sensor for Round Pole (up to 16' MH) SCL-S Occ. Sensor for Square Pole (up to 16' MH) SCH-R Occ. Sensor for Round Pole (16' to 30' MH) SCH-S Occ. Sensor for Square Pole (16' to 30' MH) NXOFM-1R1D-UNV NX 7-pin Module [^] Please refer to page 8 for ordering details	BC ⁶ Back-light Control SF Single Fuse DF Double Fuse TB Terminal Block CLR ⁵ Clear Lens TL Tamper proof latch	6 Not available with Type V distributions or HDL option.	

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- 1 Not available with 5QM, 5QN, and 5W distributions.
- 2 Not available with other sensor or wireless control options.
- 3 Specify group and zone at time of order. See www.hubbellighting.com/sitesync for more details. Order at least one SiteSync interface accessory SWUSB

- 4 Not available with 347V and 480V
- 5 24L & 56L only.
- 6 Not available with Type V distributions or HDL option.

LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Wattage	Lens Options	Distribution	3000K				4000K				5000K							
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	
						B	U	G			B	U	G			B	U	G		
24L	3,000	25	No Lens	FR	2932	0	0	1	115	3119	0	0	1	123	3098	0	0	1	124	
				FR-BC	1994	0	0	0	78	2121	0	0	0	83	2107	0	0	0	83	
				2	2943	1	0	1	116	3099	1	0	1	122	3110	1	0	1	124	
				2-BC	1724	0	0	1	68	1834	0	0	1	72	1822	0	0	1	72	
				3	3007	1	0	1	118	3200	1	0	1	126	3178	1	0	1	127	
				3-BC	1830	0	0	1	73	1947	0	0	1	78	1934	0	0	1	77	
				4	3056	0	0	1	120	3251	0	0	1	128	3229	0	0	1	129	
				4-BC	2235	0	0	1	88	2377	0	0	1	93	2362	0	0	1	93	
				4W	3078	1	0	2	121	3276	1	0	2	129	3253	1	0	2	130	
				4W-BC	1855	0	0	1	73	1975	0	0	1	78	1961	0	0	1	77	
				5QM	2931	2	0	1	115	3119	2	0	1	123	3098	2	0	1	124	
				5QN	2694	2	0	1	106	2866	2	0	1	113	2847	2	0	1	114	
				5R	3054	2	0	2	120	3250	2	0	2	128	3228	2	0	2	129	
				5W	3043	2	0	1	120	3237	2	0	1	127	3216	2	0	1	129	
				Clear Lens	FR	2773	0	0	1	109	2951	0	0	1	116	2930	0	0	1	117
					FR-BC	1886	0	0	1	74	2007	0	0	1	79	1993	0	0	1	78
					2	2784	1	0	1	109	2963	1	0	1	116	2942	1	0	1	118
					2-BC	1631	0	0	1	64	1736	0	0	1	68	1723	0	0	1	67
		3	2845		1	0	1	111	3028	1	0	1	119	3007	1	0	1	120		
		3BC	1806		0	0	1	72	1922	0	0	1	77	1909	0	0	1	76		
		4	2891		0	0	1	113	3076	0	0	1	120	3055	0	0	1	122		
		4-BC	2114		0	0	1	83	2250	0	0	1	88	2234	0	0	1	88		
		4W	2912		1	0	1	114	3099	1	0	2	121	3077	1	0	2	123		
		4W-BC	1755		0	0	1	69	1868	0	0	1	73	1855	0	0	1	5		
5QM	2773	1	0		1	109	2950	2	0	1	116	2931	2	0	1	117				
5QN	2549	1	0		0	100	2712	2	0	1	106	2693	2	0	1	108				
5R	2890	2	0	2	113	3075	2	0	2	120	3054	2	0	2	122					
5W	2879	2	0	1	113	3064	2	0	1	120	3042	2	0	1	122					
28L		30	HDL Lens	3	2816	1	0	1	96	2997	1	0	1	102	3020	1	0	1	101	
				5W	2917	1	0	1	100	3105	1	0	1	106	3084	1	0	1	103	

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LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Wattage	Lens Options	Distribution	3000K				4000K				5000K						
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
24L	7,000	65	No Lens	FR	6754	1	0	1	104	7187	1	0	1	111	7138	1	0	1	110
				FR-BC	4392	0	0	1	68	4673	0	0	1	72	4641	0	0	1	71
				2	6571	1	0	2	101	6992	1	0	2	108	6944	1	0	2	107
				2-BC	3799	0	0	1	58	4042	0	0	1	62	4014	0	0	1	62
				3	6625	1	0	2	102	7051	1	0	2	108	7002	1	0	2	108
				3BC	4032	0	0	1	62	4291	0	0	1	66	4261	0	0	1	66
				4	6788	1	0	2	104	7223	1	0	2	111	7174	1	0	2	110
				4-BC	4924	0	0	2	76	5239	0	0	2	81	5203	0	0	2	80
				4W	6699	1	0	2	103	7128	1	0	3	110	7079	1	0	3	109
				4W-BC	4088	0	0	2	63	4350	0	0	2	67	4321	0	0	2	66
				5QM	7025	3	0	1	108	7477	3	0	1	115	7425	3	0	1	114
				5QN	6964	3	0	1	107	7410	3	0	1	114	7323	3	0	1	113
			5R	7038	3	0	3	108	7489	3	0	3	115	7437	3	0	3	114	
			5W	7011	3	0	2	108	7460	3	0	2	115	7409	3	0	2	114	
			Clear Lens	FR	6432	1	0	1	97	6844	1	0	1	104	6798	1	0	1	105
				FR-BC	4182	0	0	1	63	4450	0	0	1	67	4420	0	0	1	67
				2	6258	1	0	1	95	6659	1	0	2	101	6613	1	0	2	102
				2-BC	3617	0	0	1	55	3849	0	0	1	58	3823	0	0	1	58
				3	6310	1	0	2	96	6714	1	0	2	102	6668	1	0	2	103
				3-BC	3599	0	0	1	55	3829	0	0	1	59	3803	0	0	1	59
				4	6465	1	0	2	98	6879	1	0	2	104	6832	1	0	2	105
				4-BC	4688	0	0	2	71	4990	0	0	2	76	4955	0	0	2	75
				4W	6380	1	0	2	97	6789	1	0	2	103	6742	1	0	2	104
				4W-BC	3893	0	0	2	59	4143	0	0	2	63	4115	0	0	2	62
5QM	6691	3		0	1	101	7119	3	0	1	108	7070	3	0	1	109			
5QN	6632	2		0	1	100	7058	3	0	1	107	7009	3	0	1	108			
5R	6702	3	0	3	102	7131	3	0	3	108	7082	3	0	3	109				
5W	6676	3	0	2	101	7104	3	0	2	108	7055	3	0	2	109				
28L		70	HDL Lens	3	6047	2	0	2	92	6047	2	0	2	92	6236	2	0	2	89
				5W	6221	2	0	1	94	6619	2	0	1	100	6525	2	0	1	93

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LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Published Wattage	Lens Options	Distribution	3000K					4000K					5000K				
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
56L	10,000	75	No Lens	FR	9315	1	0	1	124	9913	1	0	1	132	9845	1	0	1	131
				FR-BC	6058	0	0	1	81	6445	0	0	1	86	6402	0	0	1	85
				2	9063	2	0	2	120	9644	2	0	2	128	9578	2	0	2	128
				2-BC	5239	0	0	1	70	5575	0	0	1	74	5536	0	0	1	74
				3	9139	2	0	2	125	9725	2	0	2	134	9657	2	0	2	129
				3-BC	5561	0	0	2	74	5877	0	0	2	78	5561	0	0	2	74
				4	9362	1	0	2	124	9362	1	0	2	124	9876	1	0	2	132
				4-BC	6791	0	0	2	90	7226	0	0	2	96	7168	0	0	2	96
				4W	9240	2	0	3	123	9832	2	0	3	131	9765	2	0	3	130
				4W-BC	5639	0	0	2	75	6001	0	0	2	80	5959	0	0	2	79
				5QM	9691	3	0	1	129	10312	3	0	1	137	10240	3	0	1	137
				5QN	9606	3	0	1	128	10222	3	0	1	136	10151	3	0	1	135
			5R	9706	3	0	3	129	10328	3	0	3	137	10258	3	0	3	137	
			5W	9669	4	0	2	129	10289	4	0	2	137	10217	4	0	2	136	
			Clear Lens	FR	8871	1	0	1	117	9760	1	0	1	129	9374	1	0	1	125
				FR-BC	5769	0	0	1	76	6138	0	0	1	81	6096	0	0	1	81
				2	8631	2	0	2	114	9183	2	0	2	121	9121	2	0	2	122
				2-BC	4989	0	0	1	67	5309	0	0	1	71	5272	0	0	1	62
				3	8703	1	0	2	115	9260	2	0	2	122	9197	2	0	2	123
				3-BC	4964	1	0	1	66	5282	1	0	2	70	5245	1	0	2	69
				4	8916	1	0	2	118	9487	1	0	2	125	9423	1	0	2	126
				4-BC	6467	0	0	2	85	6881	0	0	2	91	6834	0	0	2	90
				4W	8799	2	0	3	116	9363	2	0	3	124	9300	2	0	3	124
				4W-BC	5370	0	0	2	72	5714	1	0	2	76	5675	0	0	2	76
5QM	9228	3		0	1	122	9820	3	0	1	130	9752	3	0	1	130			
5QN	9147	3		0	1	121	9734	3	0	1	129	9668	3	0	1	129			
5R	9244	3	0	3	122	9836	3	0	3	130	9769	3	0	3	130				
5W	9208	4	0	2	122	9798	4	0	2	130	9732	4	0	2	130				
68L		80	HD Lens	3	7853	2	0	2	99	8356	2	0	2	106	8299	2	0	2	104
				5W	8080	2	0	2	102	8684	3	0	2	110	8684	3	0	2	109

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LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Published Wattage	Lens Options	Distribution	3000K				4000K				5000K							
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	
						B	U	G			B	U	G			B	U	G		
56L	15,000	110	No Lens	FR	13533	1	0	1	125	14399	1	0	2	133	14301	1	0	2	130	
				FR-BC	8799	1	0	1	81	9363	1	0	1	86	9300	1	0	1	85	
				2	13165	2	0	2	121	14009	2	0	2	129	13913	2	0	2	126	
				2-BC	7611	1	0	2	70	8098	1	0	2	75	8042	1	0	2	74	
				3	13275	2	0	3	122	14126	2	0	3	130	14030	2	0	3	128	
				3-BC	8079	1	0	2	73	8596	1	0	2	78	8538	1	0	2	78	
				4	13601	1	0	3	125	14472	1	0	3	133	14373	1	0	3	131	
				4-BC	9865	1	0	2	91	10497	1	0	3	97	10425	1	0	3	96	
				4W	13422	2	0	3	124	14283	2	0	3	132	14185	2	0	3	129	
				4W-BC	8191	1	0	3	75	8715	1	0	3	80	8656	1	0	3	80	
				5QM	14077	4	0	2	130	14979	4	0	2	138	14876	4	0	2	135	
				5QN	13953	4	0	1	129	14848	4	0	1	137	14747	4	0	1	134	
				5R	14100	4	0	4	130	15004	4	0	4	138	14901	4	0	4	135	
				5W	14046	4	0	2	129	14946	4	0	2	138	14844	4	0	3	135	
				Clear Lens	FR	12803	1	0	1	118	13624	1	0	1	126	13531	1	0	1	123
					FR-BC	9298	1	0	1	86	8325	1	0	1	77	8798	1	0	1	81
					2	12455	2	0	2	115	13254	2	0	2	123	13164	2	0	2	120
					2-BC	7200	1	0	1	67	7661	1	0	2	71	7610	1	0	2	70
					3	12560	2	0	3	116	13365	2	0	3	124	13273	2	0	3	121
					3-BC	7163	1	0	2	65	7622	1	0	2	69	7570	1	0	2	69
		4	12868		1	0	3	119	13692	1	0	3	127	13599	1	0	3	124		
		4-BC	9333		1	0	2	86	9931	1	0	2	92	9864	1	0	2	90		
		4W	12699		2	0	3	117	13513	2	0	3	125	13420	2	0	3	122		
		4W-BC	7750		1	0	3	72	8246	1	0	3	76	8190	1	0	3	76		
5QM	13318	3	0	2	123	14172	4	0	2	131	14075	4	0	2	128					
5QN	13202	3	0	1	122	14048	4	0	1	130	13951	4	0	1	127					
5R	13341	4	0	4	123	14195	4	0	4	131	14099	4	0	4	128					
5W	13290	4	0	2	123	14141	4	0	2	131	14044	4	0	2	128					
68L		115	HD Lens	3	11577	2	0	2	102	12320	2	0	2	109	12236	2	0	2	106	
				5W	11912	3	0	2	105	12676	3	0	2	112	12588	3	0	2	109	

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LUMINAIRE PERFORMANCE

LED #	Nominal Lumen Package	Nominal Published Wattage	Lens Options	Distribution	3000K					4000K					5000K				
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
56L	17,000	140	No Lens	FR	15323	2	0	2	111	16306	2	0	2	118	16194	2	0	2	116
				FR-BC	9964	1	0	1	72	10603	1	0	1	77	10530	1	0	1	76
				2	14897	2	0	2	108	15852	2	0	2	115	15743	2	0	2	112
				2-BC	8618	1	0	2	63	9169	1	0	2	67	9107	1	0	2	66
				3	15032	2	0	3	109	15996	2	0	3	116	15886	2	0	3	113
				3-BC	9147	1	0	2	65	9733	1	0	2	70	9667	1	0	2	69
				4	15400	1	0	3	112	16387	1	0	4	119	16275	1	0	4	116
				4-BC	11170	1	0	3	81	11886	1	0	3	86	11804	1	0	3	86
				4W	15198	2	0	4	110	16173	3	0	4	117	16062	3	0	4	115
				4W-BC	9275	1	0	3	67	9869	1	0	3	72	9801	1	0	3	71
				5QM	15939	4	0	2	116	16962	4	0	2	123	16845	4	0	2	120
				5QN	15801	4	0	1	115	16813	4	0	1	122	16698	4	0	1	119
			5R	15966	4	0	4	116	16990	4	0	4	123	16874	4	0	4	121	
			5W	15906	4	0	3	115	16925	4	0	3	123	16808	4	0	3	120	
			Clear Lens	FR	14541	1	0	2	105	15473	2	0	2	111	15367	2	0	2	110
				FR-BC	9456	1	0	1	68	10061	1	0	1	72	9993	1	0	1	72
				2	14146	2	0	2	102	15053	2	0	2	108	14950	2	0	2	107
				2-BC	8178	1	0	2	59	8702	1	0	2	63	8642	1	0	2	62
				3	14265	2	0	3	103	15179	2	0	3	109	15076	2	0	3	108
				3BC	8136	1	0	2	58	8657	1	0	2	62	8598	1	0	2	61
				4	14614	1	0	3	105	15551	1	0	3	112	15445	1	0	3	110
				4-BC	10600	1	0	3	76	11279	1	0	3	81	11203	1	0	3	81
4W	14423	2		0	3	104	15347	2	0	4	111	15243	2	0	4	109			
4W-BC	8802	1		0	3	63	9365	1	0	3	67	9302	1	0	3	67			
5QM	15126	4		0	2	109	16095	4	0	2	116	15985	4	0	2	114			
5QN	14994	4		0	1	108	15955	4	0	1	115	15846	4	0	1	113			
5R	15152	4	0	4	109	16122	4	0	4	116	16012	4	0	4	114				
5W	15094	4	0	3	109	16061	4	0	3	116	15951	4	0	3	114				
68L		115	HD Lens	3	13240	2	0	2	89	13992	3	0	3	95	13897	3	0	3	93
				5W	13623	3	0	2	92	14396	3	0	2	97	14298	3	0	2	95

Electrical Characteristics										Dimming						
System Watts	Drive Current	Line Voltage		Amps AC						Min. Power Factor	Max THD (%)	Dimming Range	Source current out		Absolute voltage	
		VAC	Hz	120	208	240	277	347	480				Min	Max	Min	Max
25	298mA	120-480	50/60	0.21	0.12	0.10	0.09	0.07	0.05	>0.9	20	10% to 100%	0mA	1mA	0V	10V
30	298mA			0.25	0.14	0.13	0.11	0.09	0.06							
65	800mA			0.54	0.31	0.27	0.23	0.19	0.14							
70	700mA			0.58	0.34	0.29	0.25	0.20	0.15							
75	420mA			0.63	0.36	0.31	0.27	0.22	0.16							
80	350mA			0.67	0.38	0.33	0.29	0.23	0.17							
110	600mA			0.92	0.53	0.46	0.40	0.32	0.23							
115	500mA			0.96	0.55	0.48	0.42	0.33	0.24							
140	750mA			1.17	0.67	0.58	0.51	0.40	0.29							
150	625mA			1.25	0.72	0.63	0.54	0.43	0.31							

TM-21 LIFETIME CALCULATION

Projected Lumen Maintenance (25°C / 77°F)						
HOURS	0	25,000	36,000	50,000	100,000	Reported L70
Projected Lumen Maintenance	100%	97%	95%	93%	87%	> 60,000 hrs

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SPECIFICATIONS

Housing:

- Low copper aluminum alloy die-casting is designed as one-piece with internal cooling fins.
- Solid, cast aluminum wall creates a thermal barrier between the optical and electrical compartments.
- Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.
- Housing is designed with integral LED heat sink utilized for thermal transfer and for securing the location of each LED module.
- IK09 rated enclosure protects electrical equipment against external mechanical impacts.

Lens Frame:

- One-piece low copper aluminum alloy die-cast is secured to housing with 6 screws.

Backlight Control

- Optional Backlight Control on each LED module to completely control unwanted backlight.

Lens

One-piece flat glass lens slips secure with clips. Extra silicone gasketing is provided to retain a clear optical compartment.

Optical Module:

- LEDs shall be mounted to a metal printed circuit board assembly (MCPCB).
- Optical lenses shall be clear injection molded PMMA acrylic.
- Each MCPCB and optic shall be sealed to the diecast housing and sealed with a continuous one piece injection molded silicone rubber gasket.
- Patent Pending design of optical array shall independently shield each LED optic across the length of the aperture.
- Optional fixture finish optical surfaces shall not exceed BUG ratings of the standard white finish and shall be greater than or equal to the delivered lumens of the optional matte black optical surface finish.

Electrical Components

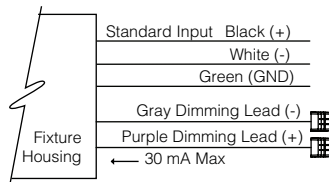
- Standard programmable driver allows for programmable drive current settings.
- Electrical components are strategically located in the driver gear compartment with a molded silicon grommet seal to provide separation from the optical chamber.
- Maximum lightning surge current 20KA with thermally protected varistor technology. Surge suppression is series circuited preventing

total fixture failure. ANSI/IEEE C62.41 Category C High.

- Open circuit fault will turn off the luminaire in order to protect the sensitive electronics and acts as a signal for maintenance.
- Programmable Driver is rated for -40°C starting.
- "Thermal Shield", primary side, thermister provides protection for the sustainable life of electronic components.

Dimming:

- Dimming range from 100% to 10% through the use of the standard 0-10V interface on the programmable driver.
- Modular wiring harness in the service area provides user access to the dimming circuitry.
- Dimming circuitry compatible with 0-10V, user-defined control devices.
- Optional factory programmed dimming profile.



Fusing:

SF for 120, 277, and 347 Line volts
 DF for 208, 240, and 480 Line volts
 High temperature fuse holders factory installed inside the fixture housing.
 Fuse is included.

Finish:

Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.
 Standard colors include (BLS) Black Gloss Smooth, (BLT) Black Matte Textured, (DBS) Dark Bronze Smooth, (GTT) Graphite Matte Textured, (LGS) Light Gray Smooth, (PSS) Platinum Silver Smooth, (VGS) Verde Green Smooth, (WHS) White Gloss Smooth, and (CC) Custom Color (Include RAL#).

Certifications and Listings:

- IUL 1598 Standard for Luminaires.
- IUL 8750 Standard for Safety for Light
- IEmitting Diode (LED) Equipment for use in Lighting Products.
- ICSA C22.2#250.0 Luminaires.
- ANSI C136.31-2010 Vibration tested and compliant 1.5G and 4G reference page 9
- IROHS compliant.

- IIP66 rated.
- IIEC 66262 Mechanical Impact Code IK09.
- IDA approved, 3000K and warmer CCTs only.

CAUTION:

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

WARRANTY:

For full warranty see: <http://www.hubbellighting.com/resources/warranty>

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CONTROLS

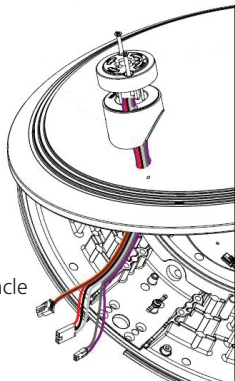
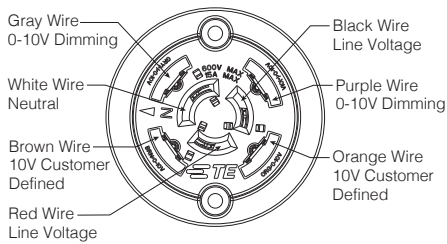
Photocell Receptacle

7PR

Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

1. Traditional on/off photoelectric control.
2. 5-pin wireless photoelectric control for added dimming feature.
3. 7-pin wireless photoelectric control for dimming and additional I/O connections for customer use.



Wireless Controls

wiSCAPE™

Hubbell Control Solution's wiSCAPE™ wireless control modules allow an individual fixture to be managed, monitored and measured. The modules communicate securely over a robust certified meshed radio signal. The wiSCAPE modules provide on/off/dim control, external device input, alerts and metering.

WIR-RME-L

wiSCAPE External Module, 120-480V, 1000ft range (LOS), Internal Photocell, 1 Digital Input, Compatible with the A-25-7H option

SiteSync™¹

SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbellighting.com/products/sitesync for more details.

Dimming WASP Occupancy Sensor WSP

The Dimming WASP Outdoor Occupancy Sensor is specifically designed to provide 0-10VDC output for the control of dimmable fixtures. Easy to use dipswitches allow the user to adjust sensor time delay and sensitivity as well as set unoccupied and occupied dimming levels. Sensors also feature a daylight sensor for ON/OFF control of fixtures when there is sufficient natural light. Visit https://hubbellcdn.com/installationmanuals/2102B_Dimming_WASP_Install.pdf for more details.

Pole Mounted

Round Pole-Mounted Occupancy Sensor up to 16'. Select voltage and finish color.

SCL-R

Round Pole-Mounted Occupancy Sensor up to 16' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCL-R44/277²/BL³

Square Pole-Mounted Occupancy Sensor up to 16'. Select voltage and finish color.

SCL-S

Square Pole-Mounted Occupancy Sensor up to 16' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for square pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCL-L/277²/BL³

Round Pole-Mounted Occupancy Sensor 16' to 30'. Select voltage and finish color.

SCH-R

Round Pole-Mounted Occupancy Sensor: 16' to 30' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCH-R4⁴/277²/BL³

Square Pole-Mounted Occupancy Sensor 16' to 30'. Select voltage and finish color.

SCH-S

Square Pole-Mounted Occupancy Sensor: 16 to 30' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCH-S/277²/BL³

AstroDIM

AstroDIM provides multi-stage night-time power reduction based on an internal timer referenced to the power on/off time. There is no need for an external control infrastructure. The unit automatically performs a dimming profile based on the predefined scheduled reference to the midpoint, which is calculated based on the power on/off times.

¹PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.HubbellLighting.com/products/sitesync or contact Hubbell Lighting tech support at (800) 345-4928.

SiteSync fixtures with occupancy sensor (SWPM) require the mounting height of the fixture for selection of the lens.

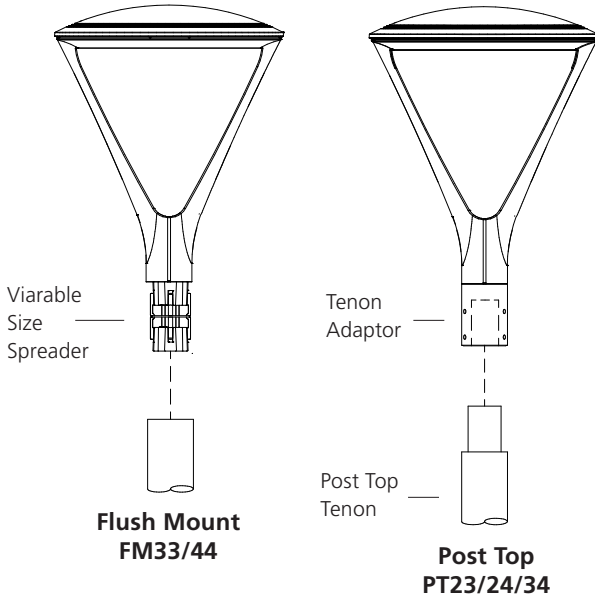
Examples:

SiteSync only : UR20/56L-75/3K7/UNV/ASQ/BL/SWP

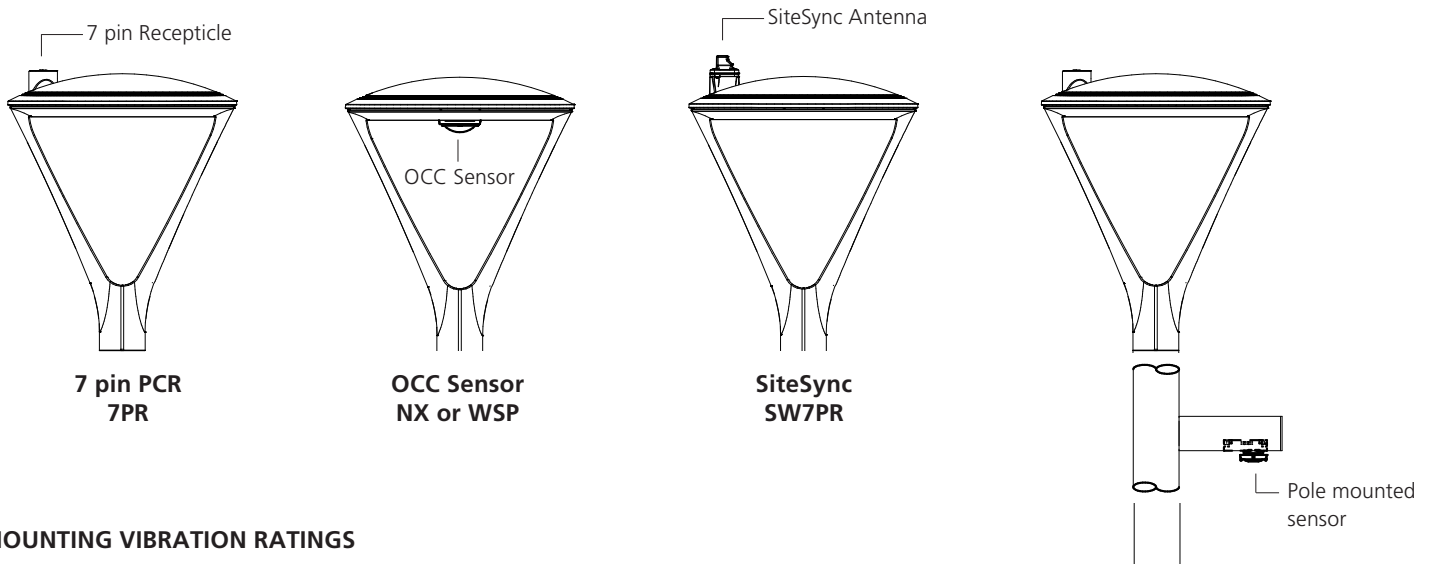
SiteSync with Motion Control: UR20/56L-75/3K7/UNV/ASQ/BL/SWPM-40F

²Voltage, ³Color, ⁴Pole Diameter,

MOUNTING INSTALLATION



SENSOR PLACEMENT



MOUNTING VIBRATION RATINGS

UR 20 Arm		UR28 Arm		UR 20 Post Top		UR 28 Post Top	
Ordering Code	Rating	Ordering Code	Rating	Ordering Code	Rating	Ordering Code	Rating
ASQ	4G	ASQ	4G	FM33	4G	FM44	1.5G
A34	4G	A34	4G	FM44	1.5G	FM45	1.5G
A46	4G	A46	4G	PT23	4G	PT24	1.5G
MAF	4G	MAF	4G	PT24	4G	PT34	1.5G
				PT34	1.5G	PT25	1.5G
						PT35	1.5G

For the 4 G test, ANSI C136.31-2010 Vibration is tested to comply with Vibration Test Level 1 Normal Applications, Vibration Test Level 2 Bridge/Overpass Applications, and Vibration Test Level 3

For the 1.5G test, ANSI C136.31-2010 Vibration is tested to comply with Vibration Level 1 Bridge/Overpass Applications

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