

Project:								
Location:								
Model#: UCB0903SW-120	Туре:							
Client:	Qty:							
Prepared by:	Date:							

SERIES SPECIFICATIONS

To supply Tamlite UCB series of LED under cabinet fixtures as specified. Each fixture comes complete with mounting clips and screws, as well as one butt connector. Fixture shall operate at 120Vac and be dimmable by Triac Dimmer. Fixture shall be CCT Selectable and be cETLus Listed.







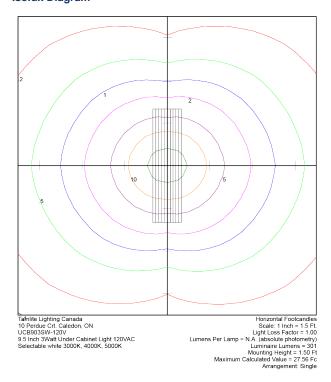






PERFORMANCE SPECIFICATIONS

Isolux Diagram





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Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	5.90	40-50	37.50	80-90	24.35	120-130	5.47	160-170	0.42
10-20	17.20	50-60	37.84	90-100	19.21	130-140	3.40	170-180	O.11
20-30	26.84	60-70	35.21	100-110	12.66	140-150	1.94		
30-40	33.81	70-80	30.36	110-120	7.83	150-160	1.01		

Co-efficient of Utilization

СС		80				70				50			30			0		
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
fc		2	0			2	0		20				20		20			0
RCR																		
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83
1	101	95	90	85	97	91	86	82	84	80	76	77	74	71	70	68	65	62
2	91	81	73	66	87	78	70	64	71	65	60	65	60	56	60	56	52	49
3	82	70	61	54	78	67	59	52	62	55	49	57	51	46	52	47	43	40
4	75	62	52	45	71	59	50	43	54	47	41	50	44	39	46	41	36	33
5	68	55	45	38	65	52	44	37	48	41	35	44	38	33	41	35	31	28
6	63	49	39	33	60	47	38	32	43	36	30	40	33	29	37	31	27	24
7	58	44	35	28	55	42	34	28	39	32	26	36	30	25	34	28	24	21
8	54	40	31	25	51	39	30	25	36	29	23	33	27	22	31	25	21	19
9	50	37	28	22	48	35	27	22	33	26	21	31	24	20	28	23	19	17
10	47	34	25	20	45	32	25	20	30	23	19	28	22	18	26	21	17	15

Initial Lumen Output: 301lm Luminaire Type: Direct

UL Classification: Damp Location Listed

CCN Number: IFAM7.E359675

Efficacy: 112lm/W

Spacing Criteria: 1.2(0-180), 1.28(90-270) Ambient Operating Temp: -10C to +40C **Limited Product Warranty:** 3 Year(s)

CBCP: 62.56cd

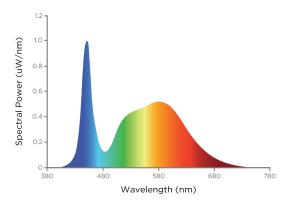
Environmental Rating(s): IP44 Certification Standards: cETLus



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LED SPECIFICATIONS

SPD



Source Type: LED

Colour Temperature: 3000K, 4000K,

5000K Field Selectable

CRI: <90

L90: 25,000 Hrs.

ELECTRICAL SPECIFICATIONS

Input Voltage: 120Vac

Current Draw at 120Vac: 0.0250A

THD at 120Vac(%): < 15%

Short Circuit Protection: Auto Recovery.

The output shall return to normal when the

fault condition is removed.

Input Frequency: 50/60 hz **Max On-Delay:** < 1 S

Dimming: Triac **Driver Certifications:** c-RU-us Class 2,

FCC Part 15 Class B, RoHS

Fixture Draw: 3W

Power Factor at 120Vac: 0.9575 Over Temperature Protection: Auto recovery. Current returns to normal after

over temperature is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: White

Mounting: Surface, 245mm, 9.65" M.O.L.

Lens Type: Frosted

Finish Type: Painted Steel Housing Material: Steel

Entries: Polarity Protected Receptacles

Wiring: 18-3 AWG fixture cord, Max 300W

per branch circuit **Lens Material:** Plastic



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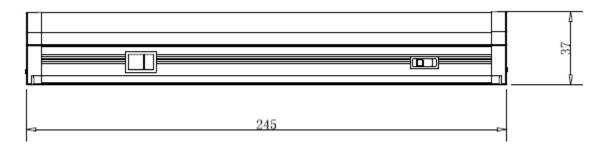
SHIPPING INFORMATION

OrderingCode(s): UCB0903SW-120

Box Weight: 0.49 kg **Box Quantity:** 1 **Box Dimensions (L-W-H):** 960 x 35 x 45

mm

LINE DRAWING





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SERIES ARCHITECTURE

Series Architecture

HOD

 JCB -															
Part	Ler	igth	Wa	ittage	ССТ	Г	Mounting		Voltage		Finish		Accessories		
UCB	09	9.65 Inch	03	3W	SW	Selectable White	Blank	Surface	120	120vac	Blank	White	UCB-BC	Butt Connector	
	14	14.41 Inch	05	5W		(3000K,4000K,5000K)							UCB-HWJB	Hard Wired Junction Box	
	24	23.54 Inch	09	9W									UCB-IC36	Inter-connect 36"	
	35	35.28 Inch	14	14W									UCB-IC12	Inter-connect 12"	
	46	46.62 Inch	18	18W									UCB-IC6	Inter-connect 6"	
	58	58.62 Inch	22	22W									UCB-PC	Power Cable	

	UCB Wattage Table																				
	Fixture Qty																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UCB0903SW-120	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	-
UCB1405SW-I20	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	ota
UCB2409SW-120	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	3
UCB3514SW-120	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280	att
UCB4618SW-120	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288					age
UCB5822SW-120	22	44	66	88	110	132	154	176	198	220	242	264	286				-				e

MAX WATTAGE = 300W PER BRANCH CIRCUIT

Example 1;	3 x UCB0903SW-120 + 4 x UCB5822SW-120 = 97W Total Therefore one (1) branch circuit needed
Example 2;	∑ x UCB5822SW-120 + ∑ x UCB5822SW-120 = 308W Total Therefore two (2) branch circuits needed

Optional Extras: UCB-BC, UCB-HWJB, UCB-IC36, UCB-IC12, UCB-IC6, UCB-PC