

DESCRIPTION

The eel UltraThin 4" Recessed Luminaire fits where no other recessed fixture can. This recessed luminaire is dimmable, IC air tight rated, wet location approved and energy star rated.

SPECIFICATION FEATURES

Construction

Round 4" fixture with integral LEDs

Finish

White trim, Brushed Nickel and Black

Controls

Isolated driver factory installed inside connection box

Compliance

CETL and Energy Star

Electrical

Ambient temperature -40°C to 40°C. CRI:80. 120 Volt.
9 Watt equivalent to 50 Watt halogen
12 Watt equivalent to 65 Watt halogen

Warranty

5 years, 50,000+ hours

Mounting

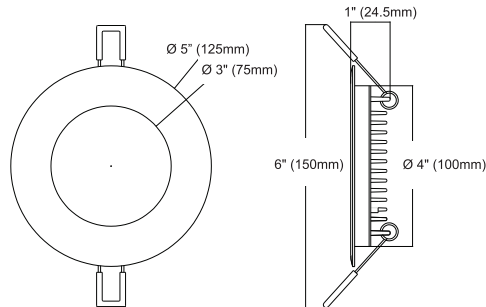
Cut hole in ceiling and snap fixture in opening with attached spring clips. Clearance needed - 2" (50mm)

Beam Angle

120°



**EEL ULTRATHIN
4" LED RECESSED
LUMINAIRE**



UTLED-S9W-3KWH / UTLED-S9W-3KBN / UTLED-S9W-3KBK
UTLED-S9W-4KWH / UTLED-S9W-4KBN / UTLED-S9W-4KBK

Dimension

OD 4-15/16" (125mm) x ID 3-15/16" (100mm)
Cut out 4-1/8" (±1/8") (105 ± 3mm)
Thickness 1/2" (12mm)







UTLED-S12W-3KWH / UTLED-S12W-3KBN / UTLED-S12W-3KBK
UTLED-S12W-4KWH / UTLED-S12W-4KBN / UTLED-S12W-4KBK

Dimension

OD 4-15/16" (125mm) x ID 3-15/16" (100mm)
Cut out 4-1/8" (±1/4") (105 ± 6mm)
Thickness 1" (25mm)



ORDERING CODE, ENERGY AND PERFORMANCE DATA

	Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Status
	UTLED-S9W-3KWH	550	9	120	3000K	Stock
	UTLED-S9W-4KWH White	600	9	120	4000K	Stock
	UTLED-S12W-3KWH	700	12	120	3000K	Stock
	UTLED-S12W-4KWH White	800	12	120	4000K	Stock
	UTLED-S9W-3KBN	550	9	120	3000K	Stock
	UTLED-S9W-4KBN Brushed Nickel	600	9	120	4000K	Stock
	UTLED-S12W-3KBN	700	15	120	3000K	Stock
	UTLED-S12W-4KBN Brushed Nickel	800	15	120	4000K	Stock
	UTLED-S9W-3KBK	550	9	120	3000K	Stock
	UTLED-S9W-4KBK Black	600	9	120	4000K	Stock
	UTLED-S12W-3KBK	700	15	120	3000K	Stock
	UTLED-S12W-4KBK Black	800	15	120	4000K	Stock

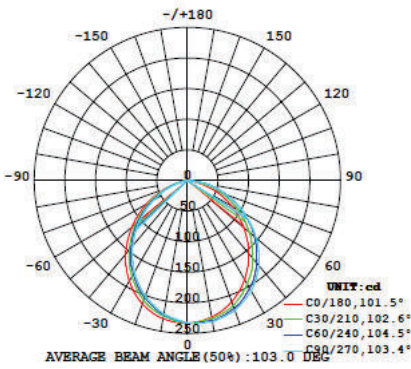
OPTIONAL ACCESSORIES

UTLED-4-MP | Mounting Plate for 4" eel UltraThin Models
 UTLED-JC-10 | Jumper Cable 10ft for eel UltraThin models
 UTLED-JC-20 | Jumper Cable 20ft for eel UltraThin models

SHIPPING DATA

Model No.	Weight
UTLED-S9W-3KWH	0.48kg / 1 lbs
UTLED-S9W-4KWH	0.48kg / 1 lbs
UTLED-S12W-3KWH	0.56kg / 1.2lbs
UTLED-S12W-4KWH	0.56kg / 1.2lbs
UTLED-S9W-3KBN	0.48kg / 1 lbs
UTLED-S9W-3KBN	0.48kg / 1 lbs
UTLED-S12W-3KBN	0.56kg / 1.2lbs
UTLED-S12W-4KBN	0.56kg / 1.2lbs
UTLED-S9W-3KBK	0.48kg / 1 lbs
UTLED-S9W-3KBK	0.48kg / 1 lbs
UTLED-S12W-3KBK	0.56kg / 1.2lbs
UTLED-S12W-4KBK	0.56kg / 1.2lbs

PHOTOMETRICS



UTLED-S9W-3K

S/MH(C0/180) = 1.2
 S/MH(C90/270) = 1.32
 Lumens: 577.21
 Nominal Power: 9 W
 Efficacy: 70.5 lm/W

Candlepower

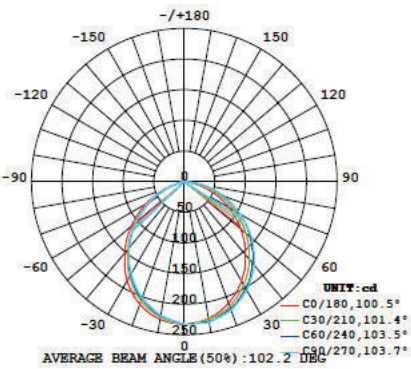
γ	C0	C45	C90	C135	C180	C225	C270	C315
5	230.9	232.2	233.5	234.8	236.1	237.4	238.7	239.9
10	224.9	226.2	227.5	228.8	230.1	231.4	232.7	233.9
15	219.9	221.0	222.3	223.6	224.9	226.2	227.5	228.7
20	211.0	212.5	214.0	215.5	217.0	218.5	220.0	221.5
25	199.8	201.0	202.3	203.6	204.9	206.2	207.5	208.7
30	186.7	188.3	189.9	191.5	193.1	194.7	196.3	197.8
35	171.8	173.3	174.9	176.4	177.9	179.4	180.9	182.4
40	155.8	157.2	158.7	160.1	161.6	163.0	164.5	165.9
45	139.2	140.5	141.9	143.2	144.6	145.9	147.3	148.6
50	120.1	121.3	122.6	123.8	125.1	126.3	127.6	128.8
55	101.6	102.7	103.9	105.1	106.3	107.5	108.7	109.9
60	82.93	83.9	84.9	85.9	86.9	87.9	88.9	89.9
65	64.26	65.1	66.0	66.9	67.8	68.7	69.6	70.5
70	45.24	45.9	46.6	47.3	48.0	48.7	49.4	50.1
75	25.24	25.7	26.2	26.7	27.2	27.7	28.2	28.7
80	7.474	7.5	7.6	7.7	7.8	7.9	8.0	8.1
85	0	0	0	0	0	0	0	0

Zonal Lumen Summary

γ	Φ zone	Φ total	Φ lum./lamp
0- 5	5.522	5.522	0.97,0.97
5- 10	16.38	21.91	3.93,3.93
10- 15	26.61	48.51	8.49,8.49
15- 20	35.76	84.27	14.6,14.6
20- 25	43.52	127.8	22.1,22.1
25- 30	49.81	177.6	30.7,30.7
30- 35	55.57	233.1	40.40
35- 40	55.46	288.3	49.6,49.6
40- 45	55.22	343.6	59.2,59.2
45- 50	52.92	394.4	68.9,68.9
50- 55	46.51	442.9	76.7,76.7
55- 60	42.51	485.4	84.1,84.1
60- 65	35.18	520.6	90.2,90.2
65- 70	26.79	547.4	94.9,94.9
70- 75	17.37	565.3	97.9,97.9
75- 80	9.412	574.7	99.6,99.6
80- 85	2.533	577.2	100,100
85- 90	0.0217	577.2	100,100

Coefficient of Utilization

ρcc	80%			70%			50%			30%			10%			0		
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0		
ρfc	20%			20%			20%			20%			20%			0		
RCR	RCR:Room Cavity Ratio									Coefficients of Utilization(CU)								
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00		
1.0	1.06	1.02	.98	1.03	.99	.97	.99	.96	.94	.95	.92	.91	.92	.90	.88	.86		
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.78	.84	.80	.77	.81	.78	.75	.73		
3.0	.82	.74	.68	.81	.73	.68	.78	.72	.66	.75	.70	.65	.72	.68	.64	.62		
4.0	.73	.65	.58	.72	.64	.58	.69	.63	.57	.67	.61	.56	.65	.60	.56	.54		
5.0	.66	.57	.51	.64	.56	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47		
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41		
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36		
8.0	.49	.41	.35	.48	.41	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.33		
9.0	.45	.37	.32	.45	.37	.32	.43	.36	.32	.42	.36	.31	.41	.36	.31	.29		
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.38	.33	.28	.27		



UTLED-S9W-4K

S/MH(C0/180) = 1.20
 S/MH(C90/270) = 1.30
 Lumens: 571.29
 Nominal Power: 9 W
 Efficacy: 70.59 lm/W

Candlepower

γ	C0	C45	C90	C135	C180	C225	C270	C315
5	230.7	231.7	232.6	233.1	233.4	233.2	232.1	227.9
10	226.6	227.9	228.2	227.3	226.0	225.0	223.8	222.0
15	220.1	221.3	222.4	223.4	224.0	224.9	225.9	226.4
20	211.2	212.9	214.1	215.1	215.9	216.4	216.1	214.9
25	200.1	201.9	203.1	204.1	204.9	205.4	205.1	203.9
30	187.1	188.1	189.2	189.9	190.8	191.1	191.3	190.5
35	172.2	173.7	174.6	175.1	175.4	175.8	175.4	174.5
40	156.0	157.6	158.4	159.0	159.4	159.6	159.4	158.5
45	139.7	141.3	142.1	142.6	142.9	143.1	143.1	142.5
50	120.7	122.3	123.1	123.5	123.7	123.8	123.8	123.5
55	102.3	103.7	104.4	104.9	105.1	105.2	105.2	105.0
60	82.71	84.1	84.8	85.2	85.4	85.5	85.5	85.4
65	65.23	66.5	67.1	67.4	67.5	67.6	67.6	67.5
70	46.25	47.4	47.9	48.1	48.2	48.2	48.2	48.1
75	25.89	26.9	27.3	27.5	27.6	27.6	27.6	27.5
80	10.28	10.6	10.7	10.8	10.8	10.8	10.8	10.8
85	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0

Zonal Lumen Summary

γ	Φ zone	Φ total	Φ lum./lamp
0- 5	5.522	5.522	0.97,0.97
5- 10	16.34	21.86	3.89,3.89
10- 15	26.52	48.38	8.47,8.47
15- 20	35.61	83.99	14.7,14.7
20- 25	43.28	127.3	22.3,22.3
25- 30	49.15	176.4	30.9,30.9
30- 35	53.09	229.5	40.2,40.2
35- 40	54.89	284.4	49.9,49.9
40- 45	54.62	339.0	59.3,59.3
45- 50	52.24	391.2	68.5,68.5
50- 55	47.98	439.2	76.9,76.9
55- 60	42.02	481.2	84.2,84.2
60- 65	34.71	516.0	90.3,90.3
65- 70	26.30	542.3	94.9,94.9
70- 75	17.37	559.6	98.98
75- 80	9.089	569.7	99.6,99.6
80- 85	2.533	571.3	100,100
85- 90	0.0228	571.3	100,100

Coefficient of Utilization

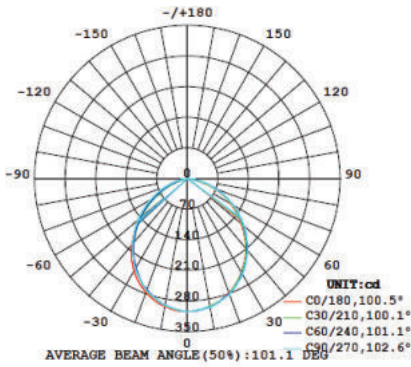
ρcc	80%			70%			50%			30%			10%			0		
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0		
ρfc	20%			20%			20%			20%			20%			0		
RCR	RCR:Room Cavity Ratio									Coefficients of Utilization(CU)								
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00		
1.0	1.06	1.02	.98	1.03	.99	.97	.99	.96	.94	.95	.92	.91	.92	.90	.88	.86		
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.78	.84	.80	.77	.81	.78	.75	.73		
3.0	.82	.75	.68	.81	.74	.68	.78	.72	.67	.75	.70	.65	.72	.68	.64	.62		
4.0	.73	.65	.58	.72	.64	.58	.69	.63	.57	.67	.61	.56	.65	.60	.56	.54		
5.0	.66	.57	.51	.65	.56	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47		
6.0	.59	.51	.44	.58	.50	.44	.57	.49	.44	.55	.48	.43	.53	.48	.44	.41		
7.0	.54	.45	.39	.53	.45	.39	.52	.44	.39	.50	.43	.39	.49	.43	.38	.37		
8.0	.49	.41	.35	.49	.41	.35	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33		
9.0	.45	.37	.32	.45	.37	.32	.44	.37	.32	.42	.36	.31	.41	.36	.31	.29		
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.38	.33	.28	.27		



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Specifications and dimensions subject to change without notice.
 Consult your Energy Efficient Lighting Representative
 for availability and ordering information.

PHOTOMETRICS



UTLED-S12W-3K

S/MH(C0/180) = 1.21
 S/MH(C90/270) = 1.24
 Lumens: 739.38
 Nominal Power: 12 W
 Efficacy: 67.11 lm/W

Candlepower

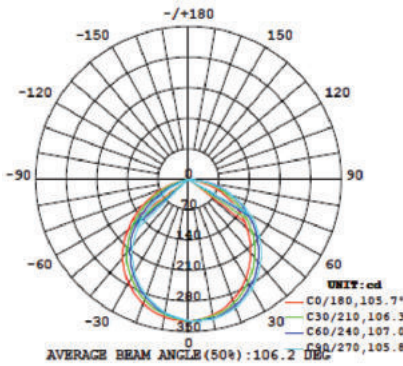
γ	C0	C45	C90	C135	C180	C225	C270	C315
5	302.6	301.7	301.9	301.9	302.7	300.1	299.9	300.5
10	297.6	297.3	299.4	299.0	297.4	293.8	296.3	295.3
15	289.4	290.7	290.7	291.8	288.8	284.9	284.1	287.9
20	278.2	279.1	282.1	280.6	277.2	270.7	273.0	275.1
25	264.1	266.2	267.7	269.4	262.6	255.0	256.1	261.4
30	247.6	250.0	253.4	253.1	244.9	236.0	239.1	244.4
35	228.4	231.4	234.2	234.7	222.7	214.1	217.5	224.9
40	207.4	211.9	216.1	216.1	198.2	191.0	196.0	204.9
45	184.9	189.2	192.8	190.4	172.0	165.0	171.7	181.6
50	161.5	166.8	170.6	164.7	144.4	139.1	147.4	158.8
55	137.7	142.9	146.4	134.2	116.3	111.7	122.4	134.6
60	113.9	119.3	120.2	104.5	88.09	85.08	97.51	111.1
65	89.78	94.48	93.85	75.39	60.37	59.16	73.73	87.33
70	62.08	67.77	67.50	47.01	33.95	34.91	49.94	64.60
75	31.28	38.34	48.45	19.14	10.49	12.44	30.68	42.90
80	5.474	13.29	21.40	5.751	0	3.656	11.44	19.61
85	0	0	0	0	0	0	0	2.342

Zonal Lumen Summary

γ	Φ zone	Φ total	lum, lamp
0- 5	7.233	7.233	0.96, 0.96
5- 10	21.39	28.61	3.87, 3.87
10- 15	34.69	63.29	8.56, 8.56
15- 20	46.53	109.8	14.9, 14.9
20- 25	56.56	166.4	22.5, 22.5
25- 30	64.28	230.7	31.2, 31.2
30- 35	69.44	300.1	40.6, 40.6
35- 40	71.74	371.8	50.3, 50.3
40- 45	71.28	443.1	59.9, 59.9
45- 50	69.05	511.2	69.1, 69.1
50- 55	62.31	573.5	77.4, 77.4
55- 60	54.35	627.8	84.9, 84.9
60- 65	44.67	672.5	91.91
65- 70	32.49	706.0	95.9, 95.9
70- 75	21.34	727.3	98.4, 98.4
75- 80	9.894	737.2	99.7, 99.7
80- 85	2.157	739.4	100, 100
85- 90	0.0162	739.4	100, 100

Coefficient of Utilization

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw	50%			30%			20%			20%			20%			0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.96	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.85	.81	.77	.82	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.73	.68	.65	.63
4.0	.73	.65	.59	.72	.64	.58	.70	.63	.58	.67	.62	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.56	.50	.61	.55	.50	.59	.54	.49	.47
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.54	.48	.43	.41
7.0	.54	.46	.40	.53	.45	.40	.52	.45	.39	.50	.44	.39	.49	.43	.39	.37
8.0	.50	.41	.36	.49	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.35	.33
9.0	.46	.38	.32	.45	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.30
10.0	.42	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27



UTLED-S12W-4K

S/MH(C0/180) = 1.21
 S/MH(C90/270) = 1.31
 Lumens: 821.53
 Nominal Power: 12 W
 Efficacy: 74.26 lm/W

Candlepower

γ	C0	C45	C90	C135	C180	C225	C270	C315
5	322.7	324.4	326.2	326.0	325.0	320.3	319.3	319.8
10	312.6	311.5	316.9	314.7	311.2	303.5	303.0	303.6
15	297.3	298.1	305.4	302.8	301.9	294.5	291.7	299.9
20	285.1	285.4	314.4	311.7	303.7	290.3	284.4	294.7
25	280.1	289.9	302.3	301.4	290.7	275.2	266.2	269.2
30	262.8	275.3	290.1	287.6	275.0	257.3	248.0	249.2
35	249.3	260.7	272.8	271.0	256.1	237.1	223.6	229.0
40	221.9	242.1	255.3	254.0	234.0	215.7	199.3	205.1
45	189.0	219.9	234.2	231.5	209.3	190.1	169.3	176.0
50	174.9	197.7	212.1	209.4	181.9	163.9	137.4	146.6
55	149.6	172.9	189.4	179.0	152.8	132.1	102.4	112.6
60	123.3	148.3	165.7	147.2	121.9	101.5	67.38	81.02
65	97.04	121.9	133.3	113.8	90.51	65.01	35.08	48.25
70	68.89	85.66	102.0	76.81	59.34	37.76	1.789	21.72
75	39.59	69.99	70.43	37.88	29.66	10.95	1.394	2.163
80	14.63	41.39	38.10	19.99	3.603	3.050	0	0
85	0	9.922	0	2.4959	0	0	0	0
90	0	0	0	0	0	0	0	0

Zonal Lumen Summary

γ	Φ zone	Φ total	lum, lamp
0- 5	7.741	7.741	0.94, 0.94
5- 10	22.91	30.65	3.73, 3.73
10- 15	37.23	67.88	8.26, 8.26
15- 20	50.10	118.0	14.4, 14.4
20- 25	61.16	179.1	21.9, 21.9
25- 30	69.93	249.1	30.3, 30.3
30- 35	76.19	325.3	39.6, 39.6
35- 40	79.33	404.8	49.3, 49.3
40- 45	79.86	484.6	59.89
45- 50	76.85	561.6	68.4, 68.4
50- 55	70.94	622.5	77.77
55- 60	61.50	694.4	84.5, 84.5
60- 65	50.49	744.9	90.7, 90.7
65- 70	37.07	781.9	95.2, 95.2
70- 75	22.50	805.4	98.99
75- 80	12.40	817.8	99.5, 99.5
80- 85	3.651	821.5	100, 100
85- 90	0.0590	821.5	100, 100

Coefficient of Utilization

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw	50%			30%			20%			20%			20%			0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.98	1.03	1.00	.97	.99	.96	.94	.95	.92	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.79	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.81	.73	.68	.78	.72	.67	.75	.70	.65	.72	.68	.64	.62
4.0	.72	.65	.58	.72	.64	.58	.69	.63	.57	.67	.61	.56	.65	.60	.56	.54
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.32
9.0	.45	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.32	.28	.38	.32	.28	.27



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Specifications and dimensions subject to change without notice.
 Consult your Energy Efficient Lighting Representative
 for availability and ordering information.

eel UltraThin LED Recessed Luminaire Models at a Glance

Types of UT Models:	4" UT Models				6" UT Models				8" UT Models
Model Number:	UTLED-S9W	UTLED-S9W-SQ	UTLED-S12W	UTLED-S12W-SQ	UTLED-6-S12W	UTLED-6-S12W-SQ	UTLED-6-S15W	UTLED-S15W-SQ	UTLED-8-S33W
Shape:	Round	Square	Round	Square	Round	Square	Round	Square	Round
Driver Input (Dimmable):	120V AC								
Input Watts:	9W		12W		12W		15W		33W
Power Factor:	> 0.95								
CRI:	> 80								
Beam Angle:	120°								
Colour Temperature:	3000K and 4000K								
Delivered Lumens: (3000K)	550	550	700	700	700	700	900	900	2200
(4000K)	600	600	800	800	800	800	1000	1000	2400
Halogen Equivalent:	50W	50W	65W	65W	65W	65W	75W	75W	200W
Trim Options:	White and Brushed Nickel								
Warranty:	50000 hours / 5 years								
Compliance:	CETL, Energy Star, IC Air Tight Rated, Wet Location Approved								
Driver Type:	Constant Current. Isolated driver factory installed inside connection box								
Max Fixtures / 150W Dimmer:	16	13	12	13	12	10	10	10	4
IP Grade: (Fixture)	Wet location								
(Driver)	Damp location								
Ambient Temperature:	-40°C to 40°C								
Dimensions:	OD 4-15/16" (125mm) x ID 3-15/16" (100mm)	OD 4-3/4" (120mm) x ID 3-15/16" (100mm)	OD 4-15/16" (125mm) x ID 3-15/16" (100mm)	OD 4-3/4" (120mm) x ID 3-15/16" (100mm)	OD 7" (178mm) x ID 5-15/16" (151mm)	OD 7" (175mm) x ID 5-15/16" (151mm)	OD 7" (178mm) x ID 5-15/16" (151mm)	OD 7" (175mm) x ID 5-15/16" (151mm)	OD 9" (227mm) x ID 7-1/4" (185mm)
Cut Out:	4-1/8" (± 1/8") (105 ± 3mm)	4-1/8" (± 1/8") (105 ± 3mm)	4-1/8" (± 1/4") (105 ± 6mm)	4-1/8" (± 1/4") (105 ± 6mm)	6-1/8" (± 1/8") (155 ± 3mm)	6-1/8" (± 1/8") (155 ± 3mm)	6-1/8" (± 1/8") (155 ± 3mm)	6-1/8" (± 1/8") (155 ± 3mm)	8" (± 1/2") (204 ± 12mm)
Thickness:	1/2" (12mm)	1/2" (12mm)	1" (25mm)	1" (25mm)	1/2" (12mm)	1/2" (12mm)	1" (25mm)	1" (25mm)	2" (47mm)
Install under Joists:	Yes	No	No	No	Yes	No	No	No	No
Driver Box Dimension:	3-15/16" (85mm) x 3-15/16" (85mm) x 1-1/8" (32mm)								
Space Needed for Driver:	2" (50mm)				1-1/2" (38mm)				1-3/4" (43mm)
Jumper Cables:	10 feet and 20 feet. Interconnectable. Maximum extension between driver and fixture is 40 feet								
Mounting Plate:	Yes				No				

EELSS15W49