

LUS Series

Ultra Suspended with replaceable light engine

Current's Lumination LED fixtures with TriGain® Technology—**LUS Series Suspended** fixtures are designed to offer lighting designers the efficacy of 80 CRI. With R9>50, these fixtures optimally display objects like produce, fabric, skintones and artwork all - with high LPW, reducing maintenance & operating costs. All fixtures are available with Daintree's complete portfolio of wireless control options. Daintree One & Daintree EZ Connect offer the ability to upgrade disconnected fixtures into a complete enterprise based energy management solution.

CONSTRUCTION

Heatsink:	Fully recyclable heatsink
Paint:	White, Black, Silver, Red
Weight:	<15lb

OPTICAL SYSTEM

Lumens:	4,200–24,000
Distribution:	Aisle, Wide, Very Wide, Wall Wash, Uplight
Efficacy:	125–165LPW
CCT:	3000K, 3500K, 4000K, 5000K
CRI:	83, 90 TriGain®
Color Consistency:	4 Step MacAdam Ellipse

ELECTRICAL

Input Voltage:	120–277V, 347V
System Input Power:	30–192W
Wattage Range:	30–171W
Input Frequency:	50/60Hz
Power Factor (PF)*:	>0.9*
Total Harmonic Distortion (THD)*:	<20%* Except for the following fixture type: [C4][I4] & option [HE] @ 277VAC only.
Transient Protection:	100 kHz Ring Wave, 2.5 kV Level
LED Driver Type:	- Class 1 driver 4Ft (4200–6250lm) & 8 FT (8400–12500lm), Class 2, Replaceable, High Efficiency LED Driver Rated for 50,000 hours (When used within operating conditions.)
Output Frequency/ Flicker Rate:	NEMA 77

* PF and THD may vary with options

CONTROLS

Dimming:	Standard 0–10VDC, 5%
Controls:	High-end trim, occupancy and ambient light detection with dimming available. Wireless Daintree® options available.

LUMEN MAINTENANCE

L70 @ 100,000 hours

L70

LUMEN AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	–10°C to 35°C
STORAGE TEMPERATURE	–40°C to +70°C

MOUNTING & ADDITIONAL FEATURES

- **Mounting Options:** Ceiling, Perimeter, Surface, Suspended
- **Optional Emergency Battery:** IOTA Engineering ILB-SLHE-10 emergency battery back-up system.

DESIGN LIFE & WARRANTY

- **Rated Life:**
 - L70 @ 90,000 hours for Trigain® only
 - L85 @ 75,000 hours
- **High Temperature High Humidity:** 60°C /90% (non-condensing)
- **Safety:** UL/cUL Listed
- **Ratings:** IP20, IK02
- **Electronic Vibration Testing:** Multi Axis, Random Vibration Profile: 2–2000 Hz, 5Gs on electronics
- **Audible Noise:** Per 29CFR 1910 sub part G: <24 dba (1 foot)
- **Current's Limited 5-year Warranty:** Please see website.

LUS Series

Ultra Suspended with replaceable light engine

CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

Ordering Number Logic

LUS A CS											
FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	NOMINAL LUMEN	DISTRIBUTION	CRI	CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
LUS = Lumination Ultra Suspended	C4 ¹ = 4 ft Continuous C8 ¹ = 8 ft Continuous I4 = 4 ft Independent I8 = 8 ft Independent	A = Replaceable Light Engine	0 = 120–277 VAC D ² = 347 VAC VQ Only	4 ft Only 42 = 4200 52 = 5200 62 = 6250 65 = 6500 85 = 8500 A1 = 10500 A2 = 12000 <i>See below tables</i> 8 ft Only 84 = 8400 A0 = 10400 A2 = 12500 A3 = 13000 A7 = 17000 B1 ³ = 21000 B4 ³ = 24000 <i>See below tables</i>	A1 = Aisle W1 = Wide WW = Wall Wash V1 ³ = Very Wide	T ⁴ = Trigain® 8 = 83 CRI	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	VQ = 0–10V S1 ⁵ = On/Off Occ. Sensor S2 ⁵ = 0–10 V, On/Off Occ. & Daylight Harvesting Sensor T1 ^{6,7} = Daintree® One w/ fixture integrated sensor, factory programmed preset TQ ^{6,7} = ZigBee Enabled TS ^{6,7} = ZigBee Enabled with Daintree WFA TT ^{6,7} = Daintree® EZ Connect Wireless w/fixture integrated sensor TZ ^{6,7} = Daintree® Enterprise Wireless w/ fixture integrated sensor	CS = (See accessories page below for further accessory/ mounting options which have to be ordered separately) <i>Mounting brackets come included with each fixture</i>	WHITE = White BLCK = Black SLVR = Silver REDE = Red	BC ⁸ = Branch Circuit EL ⁹ = Emergency Light Fixture HE ¹⁰ = High Efficiency P10 ^{11,14} = 10ft Power Cord P20 ^{11,14} = 20ft Power Cord PCS ¹² = Power cord sample with 120Vac R10 ¹⁵ = RELOC 277V 10ft 3C R15 ¹⁵ = RELOC 277V 15ft 3C S ¹³ = Single Pack <i>Multiple 'OPTIONS' choices must be entered in alphabetic order</i>

ORDERING NOTES:

1. Starter kit required (see accessory page below).
2. 347V only available with VQ control. Not available with B4, B1
3. Recommended for retail environment.
4. Trigain® only available with:
 - CCT: [35] [40] only
 - Lumens: 4 Feet [42] [52], 8 Feet [84] [A0]
5. Only for height > 10 ft. Must order programming remote (197634) separately.
6. Only available with:
 - Voltage: [0] only
 - Lumens: 4 Feet [42] [52] [62] [65] [85], 8 Feet [84] [A0] [A3] [A7]

7. 11' mounting height limitation.
8. Only available with 'C4' & 'C8' fixture type.
9. Only available for Lumen code 4ft - [42], [52] & [62], 8ft - [84], [A0] & [A2]. Only available for voltage "0" (120/277). Only available with controls "VQ". Not compatible with option "HE".
10. Up to 165 LPW fixture for CRI = 8 and lumen codes [42, 52, 84, A0]. Only available in voltage [0].
11. White cord for 'WHITE' and black cord for 'BLCK', 'SLVR' or 'REDE' finishes.
12. Only available with 'I4' & 'I8' fixture type. Not compatible with BC & EL.
13. Must be applied for orders of 10pc or less. Single Pack requires for fixture type "I4" or "I8" using the EL Option Code
14. No RELOC, No EMBB
15. Available with Independent fixture and only compatible with 277VAC RELOC installation

ORDERING INFORMATION: NOMINAL LUMENS						
LENGTH	LUMEN CODE	CRI CODE	CCT CODE	LUMENS	POWER	LPW
4 ft Only	42	T	40	4200	30	140
	52	T	40	5200	37	141
8 ft Only	84	T	40	8400	58	145
	A0	T	40	10400	73	142

- NOTE:**
- Reveal® TriGain®
 - Lumen Multiplier = 1.00 for CCT = 3500K
 - CRI = 90+
 - 5 Watt increment for EL option
 - 2 watt increment for T1, TT, TZ, TQ, TS option

HIGH EFFICIENCY (HE) OPTION					
LUMEN CODE	CRI CODE	CCT CODE	LUMENS	POWER	LPW
42	8	40	4200	27	156
52	8	40	5200	35	149
84	8	40	8400	52	162
A0	8	40	10400	66	158

- NOTE:**
- HE option ONLY Lumen multiplier:
 - CCT = 3500K → 0.97
 - CCT = 5000K → 1.02
 - Not available in [T] CRI
 - Only available for following lumen code: [42] & [52] for 4 ft., [84] & [A0] for 8 ft.

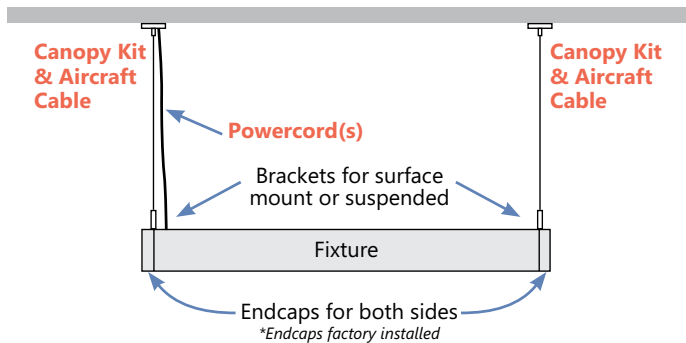
DISTRIBUTION	% UPLIGHT
A1	7%
A1 with reflector wings option	2%
W1 (wide)	13%
W1 with reflector wings option	4%
V1 (very wide)	18%
V1 with reflector wings option	6%

* Sold as accessories and field installed

LENGTH	LUMEN CODE	CRI CODE	CCT CODE	LUMENS	POWER	LPW
4 ft	42	8	40	4200	30	140
	52	8	40	5200	37	141
	62	8	40	6250	44	142
	65	8	40	6500	43	151
	85	8	40	8500	57	149
	A1	8	40	11000	80	138
8 ft	A2	8	40	12000	88	136
	84	8	40	8400	58	145
	A0	8	40	10400	73	142
	A2	8	40	12500	90	139
	A3	8	40	13000	85	153
	A7	8	40	17000	113	150
	B1	8	40	21000	146	144
	B4	8	40	24000	171	140

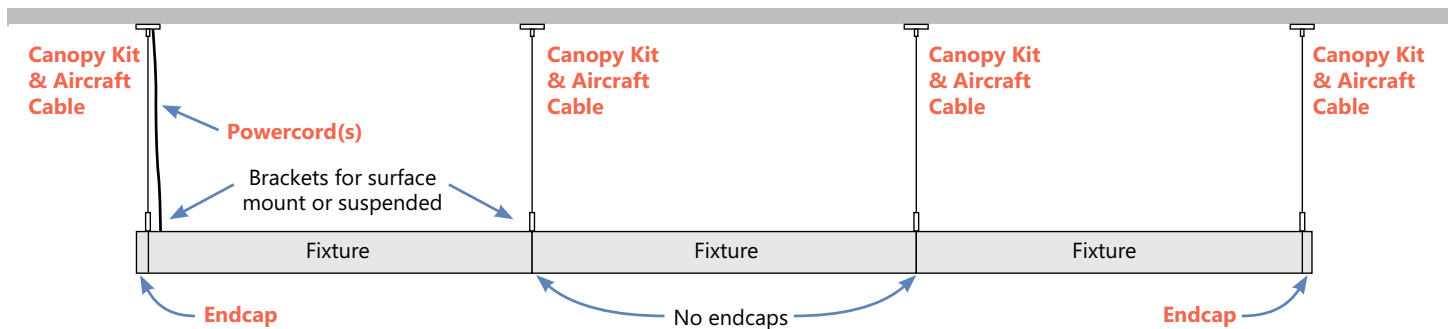
- NOTE:**
- Lumen Multiplier = 0.97 for CCT = 3500K
 - Lumen Multiplier = 1.02 for CCT = 5000K
 - CRI = 83
 - Wall Wash lumen multiplier = 0.9
 - 5 Watt increment for EL option
 - 2 watt increment for T1, TT, TZ, TQ, TS option

INDEPENDENT Factory Installed Starter Kit



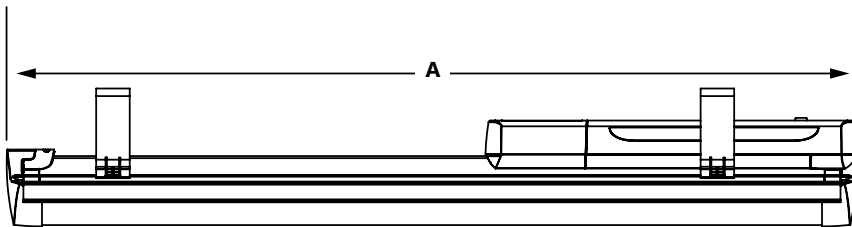
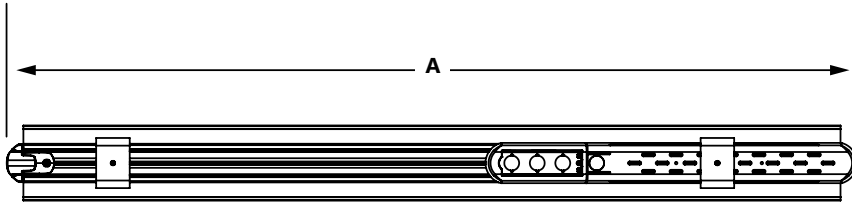
RED indicates items that must be ordered as options or accessories.

CONTINUOUS RUN Field Installed is one Starter Kit per run, ordered separately

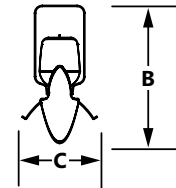


RED indicates items that must be ordered as options or accessories.
The starter, when suspended, is normally the only fixture in the row with (2) suspension hangers.
The rest of the run may be suspended from a single hanger.

PRODUCT DIMENSIONS



MAXIMUM RUN LENGTH PER 1 POWER DROP				
Supply Voltage	8ft Lumen Code			
	[42][84]	[52][A0] [62][A2]	[65][85] [A3][A7]	[A1][A2] [B1][B4]
120V	192'	160'	80'	60'
277V or 347V	400'	320'	188'	132'

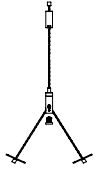
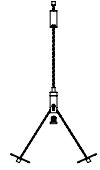
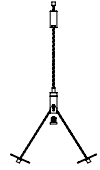
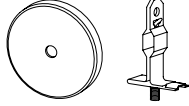
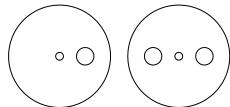
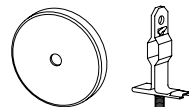


Standard Fixtures, A	Emergency Light Option A	Integrated Sensors, A	Height, B	Width, C
4 ft–49 in	4 ft–58 in	4 ft–57 in	8"	4.4"
8 ft–97 in	8 ft–108 in	8 ft–105 in		

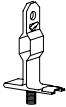
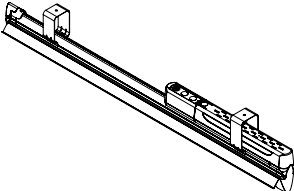
INSTALLATION

- When ordering LUS Series LED Luminaires, 2 mounting brackets are included for each Independent fixture, and 1 bracket is included for each Continuous run fixture.
- Additional mounting brackets can be ordered if needed, depending upon mounting and spacing of application.

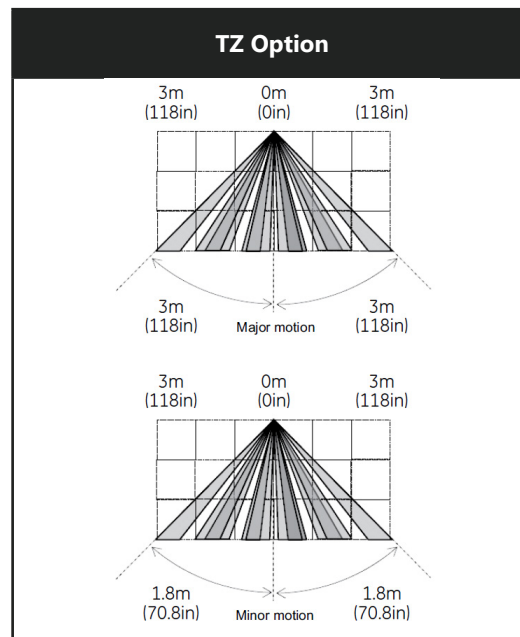
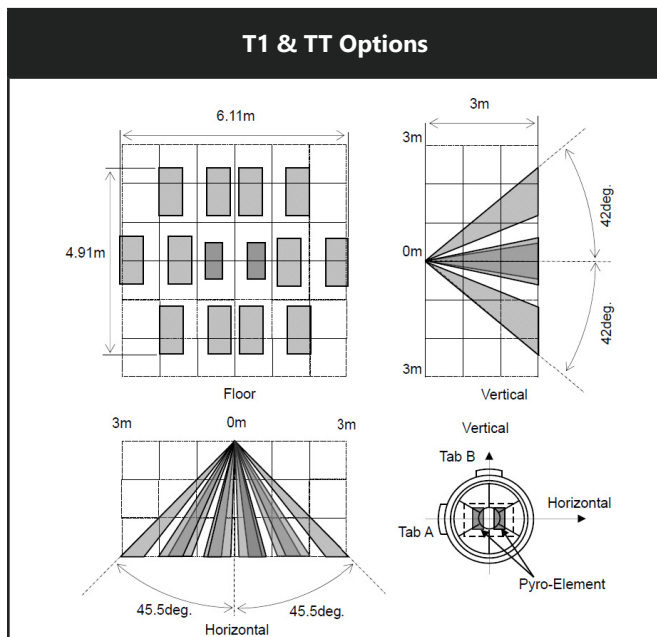
ACCESSORIES

MOUNTING/ACCESSORY OPTIONS		PRODUCT CODE
SAMPLE SKU: LUSI4A042V1T40VQCSWHTESPCS		93073940
POWER CORD KIT Options Comes with: • 1x Power Feed Cable • 1x Strain Relief	 Power Feed Cable (4 cond; includes black, white, green and red (for additional circuit))  Dimming Feed Cable (2 cond; includes purple and gray) **Power and Dimming Feed Cables are #14 gauge 600V rated	10 FT KIT 93083221: BLK 93083222: WHT 20 FT KIT 93083223: BLK 93083224: WHT
SUSPENDED KITS Mounting Open/Unfinished Ceiling Comes with: • 2x Aircraft Cables • 1x Strain Relief	 Mounting Cables	10 FT KIT 93035285: 10' Kit 20 FT KIT 93116031: 20' Kit
SUSPENDED KITS Mounting + Power Open /Unfinished Ceiling Comes with: • 2x Aircraft Cables • 1x Power Feed Cable	 Mounting Cables  Power Feed Cable (4 cond; includes black, white, green and red (for additional circuit))  Dimming Feed Cable (2 cond; includes purple and gray) **Power and Dimming Feed Cables are #14 gauge 600V rated	10 FT KIT 93122346: WHT with Dimming 93122348: BLK with Dimming 93115897: WHT No Dimming 93115899: BLK No Dimming 20 FT KIT 93122347: WHT with Dimming 93122349: BLK with Dimming 93115898: WHT No Dimming 93115900: BLK No Dimming
SUSPENDED KITS Mounting Finished Ceiling Comes with: • 2x Aircraft Cables • 2x Upper Mounting Kit ◦ 2" canopy Cover ◦ T-Bar Clips	 Mounting Cables  Upper Mounting Kit	10 FT KIT 93115708: WHT Canopy 93115710: BLK Canopy 20 FT KIT 93115709: WHT Canopy 93115711: BLK Canopy
SUSPENDED KITS Mounting + Power Finished Ceiling Comes with: • 2x Aircraft Cables • 1x Power Feed Cable • 1x Canopy Kit ◦ 2 Cord Power Drop Canopy Cover ◦ 1 Cord Power Drop Canopy Cover ◦ Canopy Cover Strain relief (2x) ◦ Canopy Cover Hardware kit • 2x Upper Mounting Kit ◦ 2" canopy Cover ◦ T-Bar Clips	 Canopy Kit  Upper Mounting Kit  Mounting Cables  Power Feed Cable (4 cond; includes black, white, green and red (for additional circuit))  Dimming Feed Cable (2 cond; includes purple and gray) **Power and Dimming Feed Cables are #14 gauge 600V rated	10 FT KIT 93122350: WHT with Dimming 93122352: BLK with Dimming 93115847: WHT No Dimming 93115849: BLK No Dimming 20 FT KIT 93122351: WHT with Dimming 93122353: BLK with Dimming 93115848: WHT No Dimming 93115850: BLK No Dimming

ADDITIONAL ACCESSORIES

MOUNTING/ACCESSORY OPTIONS		PRODUCT CODE
SUSPENDED KITS Direct Mounting Open/Unfinished Ceiling Comes with: • 2x T-Grip Clips + Bolts	 T-Grid Clip + Bolt	T-GRID CLIP + BOLT 93126294
Starter Kit (1 row) Comes with: • 2x Endcaps • 1x Starter Harness • 1x Knock-out Plate • 1x Additional Suspension Bracket		END CAPS COLORS 93046694: WHT End Caps 93046700: SLV End Caps 93046697: BLK End Caps 93046703: RED End Caps
Starter Kit (10 rows) Comes with: • 20x Endcaps • 10x Starter Harness • 10x Knock-out Plate • 10x Additional Suspension Bracket		END CAPS COLORS 93046696: WHT End Caps 93046702: SLV End Caps 93046699: BLK End Caps 93046705: RED End Caps
Reflector Wings	 Wings accommodate both sides of the fixtures	4 FT KIT 93046683: Wing pack of 1 93046685: Wing pack of 10 8 FT KIT 93046680: Wing pack of 1 93046682: Wing pack of 10

SENSOR COVERAGE PATTERN



LUSI8 SERIES

LUS-X8-A-X-84-A1-T-40-VQ-XX-WHITE

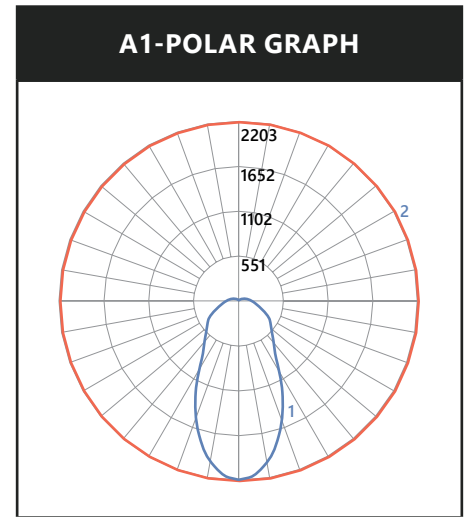
ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	204.81
10-20	548.60
20-30	713.08
30-40	672.58
40-50	554.13
50-60	433.62
60-70	335.33
70-80	251.01
80-90	178.70
90-100	119.10
100-110	79.61
110-120	53.98
120-130	33.22
130-140	16.41
140-150	5.99
150-160	1.51
160-170	0.28
170-180	0.05

COEFFICIENTS OF UTILIZATION																					
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%			
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93			
1	107	102	98	94	103	99	95	92	94	90	88	88	86	84	82	80	89	77			
2	98	90	84	78	95	88	82	77	83	78	74	79	75	71	75	71	68	66			
3	90	80	73	67	87	78	71	66	74	68	64	71	66	62	67	63	60	57			
4	84	72	64	58	81	71	63	57	67	61	56	64	59	54	61	56	53	50			
5	77	66	57	51	75	64	56	50	61	54	49	58	53	48	56	51	47	45			
6	72	60	51	45	70	58	51	45	56	49	44	54	48	43	51	46	42	40			
7	67	55	47	41	65	54	46	41	52	45	40	49	43	39	48	42	38	36			
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33			
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30			
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	33	30	28			

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-30	1466.48	N.A.	34.9
0-40	2139.06		50.9
0-60	3126.81		74.4
0-90	3891.84		92.6
90-120	252.68		6.0
90-130	285.9		6.8
90-150	308.29		7.3
90-180	310.13		7.4
0-180	4201.98		100

NOTE: Floor Cavity Reflectance: 20%

CANDLEPOWER SUMMARY			
Angle	0°	45°	90°
45°	12534	7455	6798
55°	5703	4605	4872
65°	2005	3471	3474
75°	494	2818	2327
85°	83	2101	1547



LUS-X8-A-X-84-W1-T-40-VQ-XX-WHITE

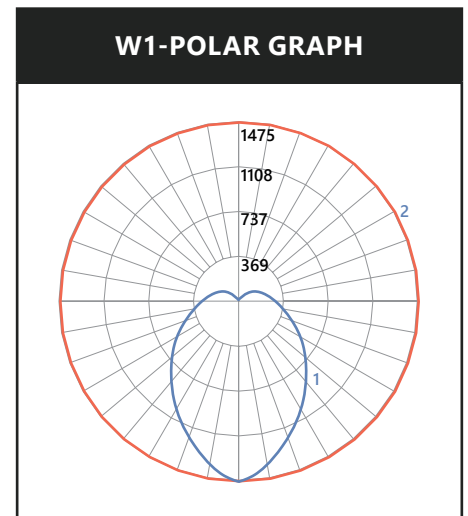
ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	136.28
10-20	369.66
20-30	523.74
30-40	584.29
40-50	562.97
50-60	494.59
60-70	409.82
70-80	326.15
80-90	252.39
90-100	192.64
100-110	142.74
110-120	96.04
120-130	59.04
130-140	32.13
140-150	13.59
150-160	4.2
160-170	1.01
170-180	0.2

COEFFICIENTS OF UTILIZATION																				
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%		
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87		
1	104	99	94	89	100	95	91	87	88	85	82	82	79	77	77	74	72	69		
2	94	86	78	72	91	83	76	70	77	72	67	72	67	63	67	63	60	57		
3	86	75	67	60	82	73	65	59	68	61	56	63	58	53	59	55	51	48		
4	79	67	58	51	76	65	56	50	60	53	48	57	51	46	53	48	44	41		
5	73	60	51	44	70	58	50	43	54	47	42	51	44	40	48	43	38	36		
6	67	54	45	39	64	52	44	38	49	42	37	46	40	35	44	38	34	32		
7	62	49	40	34	60	48	39	34	45	38	33	42	36	31	40	35	30	28		
8	58	45	36	31	56	44	36	30	41	34	29	39	33	28	37	31	27	25		
9	54	41	33	28	52	40	32	27	38	31	26	36	30	26	34	29	25	23		
10	51	38	30	25	49	37	30	25	35	29	24	34	28	23	32	27	23	21		

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-30	1029.68	N.A.	24.5
0-40	1613.98		38.4
0-60	2671.53		63.6
0-90	3659.88		87.1
90-120	431.42		10.3
90-130	490.46		11.7
90-150	536.18		12.8
90-180	541.59		12.9
0-180	4201.47		100

NOTE: Floor Cavity Reflectance: 20%

CANDLEPOWER SUMMARY			
Angle	0°	45°	90°
45°	9423	6110	5918
55°	6789	5017	4955
65°	4263	4236	4201
75°	2412	3777	3566
85°	705	3493	3181



LUSI8 SERIES

LUS-X8-A-X-84-A1-T-40-VQ-XX-WHITE

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	75.88
10-20	220.01
20-30	345.05
30-40	446.03
40-50	511.44
50-60	530.14
60-70	501.80
70-80	437.37
80-90	355.99
90-100	274.84
100-110	201.58
110-120	138.56
120-130	86.85
130-140	47.22
140-150	20.07
150-160	5.91
160-170	1.36
170-180	.25

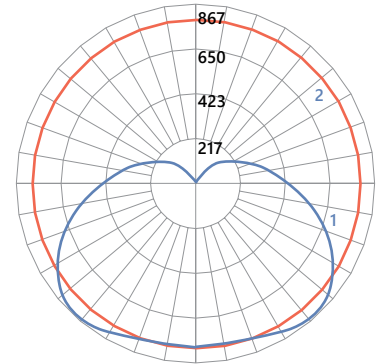
COEFFICIENTS OF UTILIZATION																					
RC	80%				70%				50%				30%				10%				0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	115	115	115	115	110	110	110	110	101	101	101	93	93	93	85	85	85	85	82		
1	101	95	89	84	96	90	85	81	83	79	75	76	72	69	69	66	64	60			
2	90	80	72	65	86	77	69	63	70	64	59	64	59	55	58	54	51	47			
3	81	69	60	53	77	66	58	51	61	54	48	55	50	45	50	46	42	38			
4	74	61	51	44	70	58	49	42	53	46	40	49	42	37	44	39	35	32			
5	68	54	44	37	64	51	43	36	47	40	34	43	37	32	40	34	30	27			
6	62	48	38	32	59	46	37	31	42	35	29	39	32	27	36	30	26	23			
7	57	43	34	28	55	42	33	27	38	31	25	35	29	24	32	27	22	20			
8	53	39	30	24	51	38	29	24	35	28	22	32	26	21	30	24	20	18			
9	50	36	27	22	47	34	26	21	32	25	20	30	23	19	27	22	18	16			
10	46	33	25	19	44	32	24	19	29	23	18	27	21	17	25	20	16	14			

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-30	640.95	N.A.	15.3
0-40	1086.98		25.9
0-60	2128.56		50.7
0-90	3423.72		81.5
90-120	614.98		14.6
90-130	701.83		16.7
90-150	769.12		18.3
90-180	776.64		18.5
0-180	4200.36		100

NOTE: Floor Cavity Reflectance: 20%

CANDLEPOWER SUMMARY			
Angle	0°	45°	90°
45°	6030	5726	6556
55°	5186	5444	6314
65°	2833	4832	5910
75°	2833	4832	5432
85°	1188	4624	5018

V1-POLAR GRAPH



LUSI8 SERIES

LUS-X8-A-X-84-WW-T-40-VQ-XX-WHTE

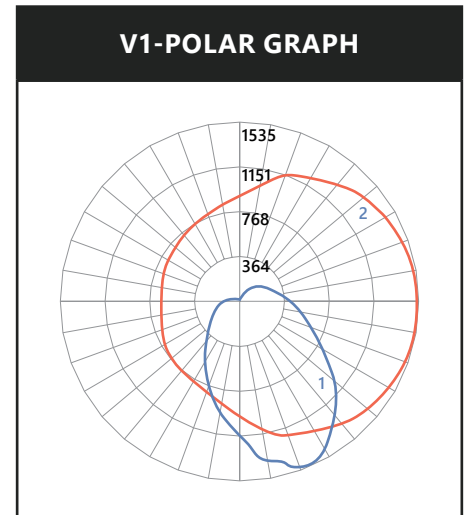
ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	108.61
10-20	314.58
20-30	477.04
30-40	556.36
40-50	552.14
50-60	490.57
60-70	403.64
70-80	318.16
80-90	243.64
90-100	184.01
100-110	135.55
110-120	95.22
120-130	62.01
130-140	35.34
140-150	16.42
150-160	5.49
160-170	1.10
170-180	0.14

COEFFICIENTS OF UTILIZATION																					
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%			
0	116	116	116	116	112	112	112	112	104	104	104	96	96	96	90	90	90	87			
1	104	98	93	89	100	95	90	86	88	84	81	82	79	76	76	74	72	68			
2	94	85	78	71	90	82	75	70	76	71	66	71	66	62	66	62	59	56			
3	86	74	66	59	82	72	64	58	67	60	55	62	57	52	58	54	50	47			
4	78	66	57	50	75	64	55	49	59	52	47	55	50	45	52	47	43	40			
5	72	59	50	43	69	57	48	42	53	46	40	50	44	39	47	41	37	35			
6	66	53	44	37	64	51	43	37	48	41	35	45	39	34	42	37	33	30			
7	62	48	39	33	59	47	38	32	44	37	31	41	35	30	39	33	29	27			
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24			
9	54	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22			
10	50	37	29	24	48	36	29	24	34	27	23	32	26	22	31	25	21	20			

NOTE: Floor Cavity Reflectance: 20%

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	413.19	N.A.	10.60
0-30	900.24		22.50
0-40	1456.59		36.40
0-60	2499.29		62.50
0-80	3221.09		80.50
0-90	3464.73		86.60
10-90	3356.12		83.90
20-40	1033.40		25.80
20-50	1585.54		39.60
40-70	1446.34		36.20
60-80	721.80		18.00
70-80	318.16		8.00
80-90	243.64		6.10
90-110	319.56		8.00
90-120	414.78		10.40
90-130	476.79		11.90
90-150	528.55		13.20
90-180	535.27		13.40
110-180	215.71		5.40
0-180	4000.00		100.00

CANDLEPOWER SUMMARY			
Angle	0°	45°	90°
45°	8973	8993	7417
55°	7351	7336	5744
65°	6061	6021	4113
75°	5315	5187	2544
85°	4811	4812	698



EMERGENCY BATTERY OPTION

- Luminaires with the "EL" option code come equipped with an IOTA Engineering ILB-SLHE-10 emergency battery back-up system to provide egress lighting during power interruptions.
- To calculate delivered lumens for an EL equipped luminaire use the following formula:

Emergency Mode Lumens = P x LPW

"P" is the output power of the emergency system (10W for "EL")

"LPW" is the efficacy of the system as determined from the performance data

- For more information refer to: www.iotaengineering.com/ILB/ILBCPManual.pdf
- For more information and access to all of our resources, including our design tool visit: LED.com