LUMENFOCUS



Project:
Location:
Cat. #:
Туре:
Quantity:



ECL G2 4 | LED Strip

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- DALI drivers available
- Field replaceable LED boards and drivers
- Frosted diffuser available to help minimize glare and improve aesthetics
- A wide variety of lumen packages and lengths allows for flexibility in design and helps maximize energy savings
- Advanced controls available

Applications:

Suitable for most commercial, industrial and institutional applications

- Office
- Retail
- Warehouse
- Coves
- Valences

Ambient Operating Temp.: • -30°C to 40°C

Predicted Lifetime:

- L70: ≥ 129,000 hrs (calculated)
- L80: ≥ 81,000 hrs (calculated)
- L90: ≥ 39,000 hrs (reported)

 85% lumen maintenance @ 60,000 hrs (based on LM80 and insitu laboratory testing)



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Construction:

- Precision brake formed from heavy gauge cold rolled steel
- Highly durable, highly reflective white finish

Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations
- DesignLights Consortium gualified on specific configurations (refer to DLC qualified products list for exact model numbers) http://designlights.org/



Warranty:

- 5 year limited system warranty see www.LumenFocus.com for complete warranty terms and conditions
- 10 year warranty option available on specific models

apply. Consult factory or sales representative for details.)







Not available on all models. Certain conditions

Ordering Guide:

ECL G2 4 LW UV Blank	Orderi	ng Gu	ide:						examp	le: ECL G2 4 MD UV	/ FR 940
ECL Gold and an analysis UW UV Blank Natures Natures <th>Series</th> <th>Version</th> <th>Length</th> <th>Output</th> <th>Voltage</th> <th>Shielding</th> <th>CRI/CCT</th> <th>Hanging</th> <th>Controls</th> <th>Options</th> <th>Finish</th>	Series	Version	Length	Output	Voltage	Shielding	CRI/CCT	Hanging	Controls	Options	Finish
Sin 2 4* Low 12-277 No Lenses 92-278 No Lenses 92-278 No Lenses 12-278 No Lense	ECL	G2	4								
Median Low 347/ Trouged Agric 00000000 000000000000000000000000000000000000	ECL				-	-			-	-	Blank White
SH Super High COSW Super High Super High Super High Super High Votes Concentions Concentions Max mounting height 10: See Page 4 for more details. Super High Super High Super High Max mounting height 140: See Page 4 for more details. Super High Super High Super High Max mounting height 140: See Page 4 for more details. Super High Super High Super High Max mounting height 140: See Page 4 for more details. Super High Super High Super High Max mounting height 140: See Page 5 for more details. Super High Super High Super High Max mounting height 150: See Page 5 for more details. Super High Super High Super High Max mounting height 150: See Page 5 for more details. Super High Super High Super High Max mounting height 150: See Page 5 for more details. Super High Super High Super High Max mounting height 150: See Page 5 for more details. Super High Super High Super High Max mounting height 150: See Page 5 for more details. Super High Super High Super High Diff Super High Super High				Medium Low MD Medium MH Medium High HI High VH	-	Frosted Acrylic	90 CRI/3500K 940 90 CRI/4000K 950	V-Chain Hangers QC 10' Quick Hang Cable Kit QC20 20' Quick Hang Cable Kit SH	Leviton Intellect Solo PIR Sensor ⁽¹⁾ ZLD1 Leviton Bluetooth-enabled Programmable Dimming/ Occupancy/Daylight Harvesting Sensor with Grouping (120-277V) ⁽²⁾ ZLDU Leviton Bluetooth-enabled	10-Year Extended Warranty ⁽⁸⁾ 6' Single Circuit Cord C65W 6' Single Circuit Cord with Low Voltage Connections C10	Matte Black
Wotes • Controls See Page 4 for more details. • Controls Controls See Page 4 for more details. • Controls Controls • Controls See Page 4 for more details. • Contro				SH					Occupancy/Daylight Harvesting Sensor with Grouping, Scheduling	10' Single Circuit Cord with Low Voltage	
** * for 2-circuit wiring, specify circuit A or B here. Step-Dimming (Hight/Low/Off) EM1 Emergency Pack - Up to 8W ⁽⁹⁾ ACCESSOTIES (order separately) WG(ECL4) Wire Guard ZIFS Douglas IS sensor with Dimming/Occupancy/Daylight harvesting and network capabilities ¹⁰ EM2 Emergency Pack - Up to 8W ⁽⁹⁾ For Douglas Controls BT-DMSW-U-A Bluetooth 1 Zone Dimmer BT-ABTSW-U-A Douglas IFC controller with network capabilities ¹⁰ Douglas IFC controller with network capabilities ¹⁰ For Enlighted Controls Switch For Enlighted Remote Control Wall Switch Enlighted Remote Control Wall Switch CC Contore Inlighted Connected & IoT) WS-2-00-IL Enlighted Remote Control Wall Switch LVL For WattStopper Controls FSIR-100 (for Enlighted Connected & IoT) Wireless IR Programming Tool (for Z211Lx) Esting Buy American Act Compliant For Leviton Intellect Solo Controls For Leviton Intellect Solo Controls Buy American Act Compliant For Leviton Intellect Solo Controls For Leviton Intellect Solo Controls Buy American Act Compliant	 ⁽²⁾ Max mouil ⁽³⁾ "_" = lens ⁽⁴⁾ Max mouil ⁽⁵⁾ Max mouil ⁽⁶⁾ See Page ⁽⁷⁾ Max mouil ⁽⁸⁾ Not availa sales repres 	nting height type. See P nting height nting heigh 5 for more nting heigh able on all m entative for	: 40'. See Pa age 4 for le : 40'. See Pa t 16.4'. See I details. t 15'. See Pa nodels. Cert details.	age 4 for more ns descriptions age 4 for more Page 5 for mor age 5 for more cain conditions	details. details. e details. details.	ult factory or			Wattstopper FSP Programmable Photo/Motion Multi-Voltage Sensor (high/low/off) ⁽³⁾ Z311L_ Wattstopper FSP Bluetooth- enabled Programmable Photo/Motion Multi-Voltage Sensor (high/low/off) ⁽³⁾ ZOSMD	6' Dual Circuit Cord D10 10' Dual Circuit Cord P(NEMA) Plug (Specify NEMA configuration) SC Safety Cable F	
Controls Accessories (order separately) Intervention of the separately Intervention of the separately For Douglas Controls Bluetooth 1 Zone Dimmer Intervention of the separately Dudgas IFC controller with network capabilities ⁽⁶⁾ Dudgas IFC controls with Dimming/Occupancy/Daylight Harvesting and Enlighted Conected & IoT Dudgas IFC controls Dudgas IFC controls with Dimming/Occupancy/Daylight Harvesting and Enlighted Conected System ⁽⁷⁾ Dudgas IFC controls Dudg	¹⁰⁾ "_" for 2-0	circuit wiring	g, specify cir order se	rcuit A or B her	e.				Step-Dimming (High/Low/Off) ⁽⁴⁾ ZIFS Douglas IFS sensor with	Emergency Pack - Up to 8W ⁽⁹⁾ EM2	
For Douglas Controller with network capabilities. Douglas IFC controller with network capabilities. SDT(480V) BT-DMSW-U-A Bluetooth 1 Zone Dimmer BT-8BTSW-U-A Bluetooth 4-Button Wall Station BT-8BTSW-U-A Bluetooth 8-Button Wall Station Elighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Control Wall Station CC VS-2-00 Enlighted Remote Control Wall Station (for Enlighted Connected & IoT) WS-2-00-IL Enlighted Remote Control Wall Station (for Enlighted Connected & IoT) WS-2-00-IL Enlighted Remote Control Wall Station Elighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Access BAA For VattStopper Controls Wireless IR Programming Tool (For Z211Lx) Enlighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Connected System? BAA Buy American Act Compliant For Leviton Intellect Solo Controls For Leviton Intellect Solo Controls Harvesting and Enlighted Intro Sensor with Dimming/Occupancy/Daylight Harvestin	Contro	ols Acc	essorie	es (order s	separate	ly)			capabilities ⁽⁵⁾	QWH(_)	
ZLSOR-RA1 Wireless IR Programming Tool	For For For For For For For For	-DMSW-U-, -4BTSW-U-, -8BTSW-U-, -8BTSW-U-, s-2-00 itch 5-2-00-IL itch r WattStop R-100 r Leviton Ir	A Blue A Blue A Blue Controls Enlig (for Enlig (for per Contro Wire (For	etooth 4-Buttor etooth 8-Buttor Enlighted Remote (Enlighted Remote (Enlighted One) eless IR Prograr Z211Lx) o Controls	N Wall Static Wall Static Control Wal Nected & Io Control Wal	n I T)			Douglas IFC controller with network capabilities ⁽⁶⁾ ZENLO Enlighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted One System ⁽⁷⁾ ZENLC Enlighted Micro Sensor with Dimming/Occupancy/Daylight Harvesting and Enlighted Connected System ⁽⁷⁾ ZENLI Enlighted Micro Sensor with Dimming/Occupancy/Daylight	SDT(480V) 480V to 277V Step Down Transformer CC Conformal Coating LVL 0-10V Dimming Leads for Easy Field Access BAA Buy American Act	

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ECL G2 4 | LED STRIP

Performance Chart:

Catalog #	Watts	Lumens (930)	LPW (930)	Lumens (935)	LPW (935)	Lumens (940)	LPW (940)	Lumens (950)	LPW (950)
ECL G2 4 LW UV FR 9xx	15.4	2124.9	138.2	2133.9	138.8	2184.6	142.1	2184.6	142.1
ECL G2 4 ML UV FR 9xx	22.3	3158.3	141.7	3171.6	142.3	3246.9	145.7	3246.9	145.7
ECL G2 4 MD UV FR 9xx	29.6	4110.6	138.7	4127.9	139.3	4225.9	142.6	4225.9	142.6
ECL G2 4 MH UV FR 9xx	34.2	5054.2	147.8	5075.5	148.4	5196.1	151.9	5196.1	151.9
ECL G2 4 HI UV FR 9xx	43.5	6253.9	143.8	6280.2	144.4	6429.4	147.9	6429.4	147.9
ECL G2 4 VH UV FR 9xx	56.3	8202.0	145.7	8236.6	146.4	8432.2	149.8	8432.2	149.8
ECL G2 4 SH UV FR 9xx	73.0	10264.3	140.6	10307.6	141.2	10552.4	144.6	10552.4	144.6
ECL G2 4 LW UV 9xx	15.4	2233.5	145.2	2243.0	145.9	2296.2	149.3	2296.2	149.3
ECL G2 4 ML UV 9xx	22.3	3319.7	149.0	3333.7	149.6	3412.9	153.2	3412.9	153.2
ECL G2 4 MD UV 9xx	29.6	4320.6	145.8	4338.9	146.4	4441.9	149.9	4441.9	149.9
ECL G2 4 MH UV 9xx	34.2	5312.6	155.3	5334.9	156.0	5461.7	159.7	5461.7	159.7
ECL G2 4 HI UV 9xx	43.5	6573.5	151.2	6601.2	151.8	6758.0	155.4	6758.0	155.4
ECL G2 4 VH UV 9xx	56.3	8621.2	153.2	8657.6	153.8	8863.2	157.5	8863.2	157.5
ECL G2 4 SH UV 9xx	73.2	10788.9	147.5	10834.4	148.1	11091.7	151.6	11091.7	151.6

Options:



Shielding Frosted acrylic diffuser lenses minimize glare and improve aesthetics.



Conformal coating Grants LED boards added protection from moisture and corrosion in more hazardous environments.

Schematic:



Cords are available in single circuit or dual circuit, 6' or 10'. Standard plug is optional, as are other NEMA configurations if specified.

Wireguards are available for added protection (shipped separately).





Hanging The QC hanging kit (1) comes in 10' or 20'. Cables are pre-looped for easy installation and designed for easy fixture height adjustment. V-hangers and slide hangers are also optional.

Finish in addition to the standard white finish, the ECL G2 is also available in matte black (pictured) and metallic silver.



Re-board ABILITY

The ECL G2 features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an obsolete light fixture. Learn more about Re-boardABILITY here.



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Control Code	Туре	Capabilities	Communication
ZSOL	Motion (PIR), Daylight Harvesting	High/Low/Off	Wired 0-10V, Programmable via IR remote (sold separately)
ZLD1	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
ZLDU	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
Z211Lx	Motion (PIR), Photosensor	High/Low/Off, High-End Trim	Wired 0-10V, Programmable via IR remote (sold separately)
Z311Lx	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim	Wired 0-10V, Programmable via Bluetooth App (iOS, Android)
ZOSMD	Motion (Microwave), Photosensor	On/Low/Off	Wired 1-10V
ZIFS	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, LLLC (Douglas Lighting Controls-Dialog)*	Wireless Bluetooth Mesh, Programmable via iOS App or Douglas Dialog Software
ZIFC	Controller, No Sensors	High/Low/Off, High-End Trim, Grouping, LLLC (Douglas Lighting Controls-Dialog)*	Wireless Bluetooth Mesh, Programmable via iOS App or Douglas Dialog Software
ZENLO	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Upgradable to Connected (ZENLC) or IoT (ZENLI)	Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted Room Controller WS-2-00-IL (sold separately)
ZENLC	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling*, Energy Monitoring*, BMS Integration*, Upgradable to IoT (ZENLI), LLLC (Enlighted IoT)*	Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted IoT Software
ZENLI	Motion (PIR), Daylight Harvesting	High/Low/Off, High-End Trim, Grouping, Scheduling*, Energy Monitoring*, BMS Integration*, LLLC (Enlighted IoT)*, Space - Building Utilization*, Where - Real Time Location Services*	Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted IoT Software

LLLC = Luminaire Level Lighting Control * Additional equipment required. Contact LumenFocus representative for details

Dimming Sensors (Z211/Z311)

- The Wattstopper FSP sensor provides multi-level control based on motion and/or daylight contribution
- Comes pre-installed on the fixture
- Rated for cold locations
- Parameters for Bluetooth-enabled Z311 adjustable via phone app iOS or Android
- Parameters for Z211 adjustable via wireless configuration tool (FSIR-100 sold separately)
- Available with black lens for black finishes (pictured right)
- Three lenses available, tailored for the ideal detection area and mounting height: - L2: 360° lens, maximum coverage 48', diameter from 8' height
 - L3: 360° lens, maximum coverage 40', diameter from 20' height





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Microwave Occupancy Sensor (ZOSMD)

The Leviton OSM3D-DDW (or equivalent) detects motion through low density materials using high frequency electromagnetic waves. This means it can sit

discretely behind the ECL G2's frosted lens. The ZOSMD features automatic switching based on motion and ambient light level. ZOSMD option adds step-dimming functionality - standby dimming level 10% / 20% / 30% / 50%. Max mounting height for ZOSMD 40 feet



Leviton Intellect Solo Dimming Sensor (ZSOL)

The ECL G2 can be equipped with an integrated Leviton Intellect Solo Sensor ("ZSOL" option). This is a 0-10V dimming Passive Infrared (PIR) occupancy and daylight harvesting sensor.

Other features:

- Partial-on
- Partial-off
- 8' to 10' mounting height
- IP20 rated
- Detection angle: 120 degrees
- IR remote available for

programming sensor from the floor (sold separately)

• Can be used to comply with IECC, ASHRAE 90.1 and 2019 Title 24, Part 6 dimming, occupancy/vacancy sensing and daylight harvesting requirements.



Smart Sensors (ZLD1/ZLDU)



The ZLDx option includes high bay and low bay lenses along with aisleway masks that can easily be installed or

swapped out in the field. The high bay lens is good for 20'-40' mounting heights, while the low bay lens is good for 8'-20' mounting heights.

- Leviton Smart IP66 passive infrared (PIR) sensors
- Features mesh grouping (16 devices per group), occupancy sensing, daylight harvesting, scheduling
- (for ZLDU only), single-level switching
- Comes pre-installed on the center face of the fixture
- Rated for cold locations
- Configurable through the Leviton Smart Sensor App using a smartphone or other Bluetoothenabled iOS or Android device

Universal Douglas: Cloud-based controls

The ECL G2 can be equipped with the Douglas Bluetooth Intelligent Fixture Sensor (IFS) as well as the Intelligent Fixture Controller.

IFC IFS

- Occupancy, vacancy, partial-on and partial-off
- Occupancy timeout adjustable from 5 to 90 minutes
- Primary and secondary daylight harvesting
- Listed for emergency control when used on dedicated emergency power bus
- Same occupancy and daylight controls as the IFS when networked with one or more **IFS** sensors

Available with both IFS and IFC:

- 0-10V dimming with dim-to-off
- Bluetooth beacon for digital ceiling, IoT and location service strategies • 150-foot clear line of sight, 50 feet through standard walls
- May be used with dual-channel, tunable white LED drivers providing auxiliary power and dimto-off capability
- Commissioning through Douglas Lighting Controls, Inc. app from Apple app store

Note: Additional equipment required for IoT capabilities; max mounting height for sensor: 16.4 ft

Enlighted: All-in-one sensors, upgradeable systems

Enlighted's SMART Micro Sensor is an all-in-one unit: task tuning, high-end trimming, daylight harvesting, and occupancy/vacancy detection. Max installation height is 15 feet.

Enlighted sensors come standard with the Enlighted One system (the "ZENLO" option). Enlighted Connected ("ZENLC") offers even more options. The Enlighted IoT ("ZENLI") option allows the full implementation of Enlighted's services. Each system can be fully upgraded to the next tier in the future. So if you start with Enlighted One but want to add energy reporting or building management systems integration in the future, you can.



Enlighted Capabilities*	Enlighted One (ZENLO)	Enlighted Connected (ZENLC)	Enlighted IoT (ZENLI)
Motion and Switch Groups	~	✓	✓
Daylight Harvesting	~	✓	✓
Schedule Lighting		✓	✓
Energy Reporting & Optimization		✓	✓
Environment Data & Lighting Controls API		✓	✓
Building Management System Integration		✓	✓
Where & Space Applications			✓
Location & Occupancy APIs & Beaconing			✓
Future App & API Ready			✓

Note: Additional equipment required for ZENLC and ZENLI

CheckLight[®] Energy Management System

Douglas controls can be integrated with the CheckLight[®] Energy Management system. This system can help you uncover energy conversion opportunities, create conservation strategies, analyze lighting load inefficiencies, and make configuration changes from anywhere with Douglas' user-friendly interface. You can get measurements, reports, and control your system from a web-based application.

CheckLight[®] has the capability to look at different facilities within a portfolio and use data benchmarks to compare building performances.

- Find energy conservation opportunities
- Create energy saving strategies
- Analyze load inefficiencies
- Optimize energy management

Real-time data analytics

Enlighted's control units compile data in real-time, which can be viewed via the Energy Manager. The Energy Manager is part of the Enlighted Connected and Enlighted IoT configurations.

- Real-time measurements and verification of energy savings
- Space analytics data can be compiled into motion trails and heat maps
- Analyze traffic density and congestion in a space



Learn more about our available advanced controls options here:

www.lumenfocus.com/controls-overview

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LUMENF©CUS

Photometric Data:

ECI G2 / SH IIV 950

			<i>-</i>	
	Angle In	Average	Average	Average
Test No.: LLIA001735-016	Degrees	0-Deg	45-Deg	90-Deg
Luminaire Lumens: 11,092 lm	Degrees	5	5	5
Luminaire Watts: 73.2W	45	26364	25480	25318
Efficacy: 151.6 LPW	55	25916	24719	24038
Spacing Criterion (0-180): 1.30	65 75	24491 20865	22492 17646	21673 16519
Spacing Criterion (90-270): 1.32	85	11718	7923	7122

Luminance Data (cd/sg.m)

Luminance Data (cd/sq.m)

Average

0-Deg

22229

19375 15573

11302

6483

Average

45-Deg

21400

19420 16982

14513

13505

Average

90-Deg

21380

19637

17334

14676

12873

Angle In

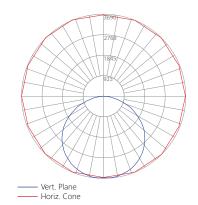
Değrees

45

55 65

Coefficients Of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 0.20

RC		80				70				50			30	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45
6	69	56	47	40	68	55	46	40	53	45	40	51	45	39
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25



Zonal Lumen Summary

Zonai Laine	an Summury	
Zone	Lumens	%Fixt
0-20	1356.53	12.20
0-30	2905.02	26.20
0-40	4809.58	43.40
0-60	8701.86	78.50
0-80	10912.54	98.40
0-90	11090.75	100.00
90-120	0.97	0.00
90-130	0.97	0.00
90-150	0.97	0.00
90-180	0.97	0.00
0-180	11091.72	100.00

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

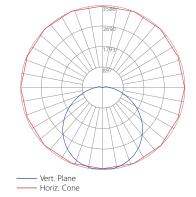
ECL G2 4 SH UV FR 950

Test No.: LLIA001735-018 Luminaire Lumens: 10,553 lm Luminaire Watts: 73.0W Efficacy: 144.6 LPW Spacing Criterion (0-180): 1.26 Spacing Criterion (90-270): 1.30

75 85 **Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

RC		80				70				50			30	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105
1	108	103	98	94	105	100	96	92	95	92	89	91	88	86
2	98	89	82	76	95	87	81	75	83	78	73	80	75	71
3	89	78	70	63	86	77	69	63	73	67	61	70	65	60
4	82	69	60	54	79	68	60	53	65	58	52	63	56	51
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39
7	64	51	42	36	62	50	41	35	48	40	35	46	40	35
8	60	46	38	32	58	45	37	32	44	36	31	42	36	31
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25



Zonal Lumen Summary										
Zone	Lumens	%Fixt								
0-20	1311.98	12.40								
0-30	2790.06	26.40								
0-40	4568.43	43.30								
0-60	8008.15	75.90								
0-80	9982.62	94.60								
0-90	10364.20	98.20								
90-120	188.48	1.80								
90-130	188.48	1.80								
90-150	188.48	1.80								
90-180	188.48	1.80								
0-180	10552.68	100.00								

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

