

EPTA

LED NO UV LINEAR LIGHTS

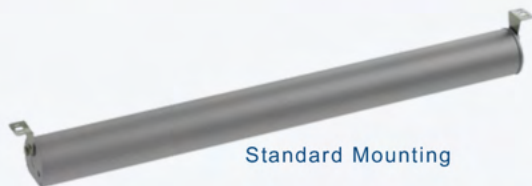
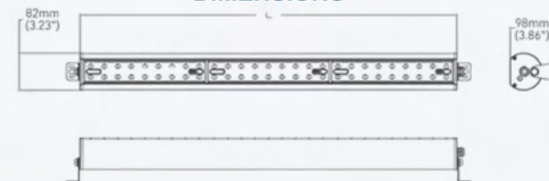


EXTREME-LIFE:
Exceptional heat sink design produces an EXTREME-LIFE rating of L70 @ 200,000 hours for decades of virtually maintenance free performance.

FLAWLESS ILLUMINANCE:
Choice of advanced optics, Kelvin, and color rendering of up to Ra>90 facilitates premium anti-glare illumination.

MAXIMUM WATTAGE AND LPW:
With up to 960 watts per high bay light fixture and lumens per watt of up to 160, UPTAs can provide over 150,000 lumens from a single high bay

DIMENSIONS

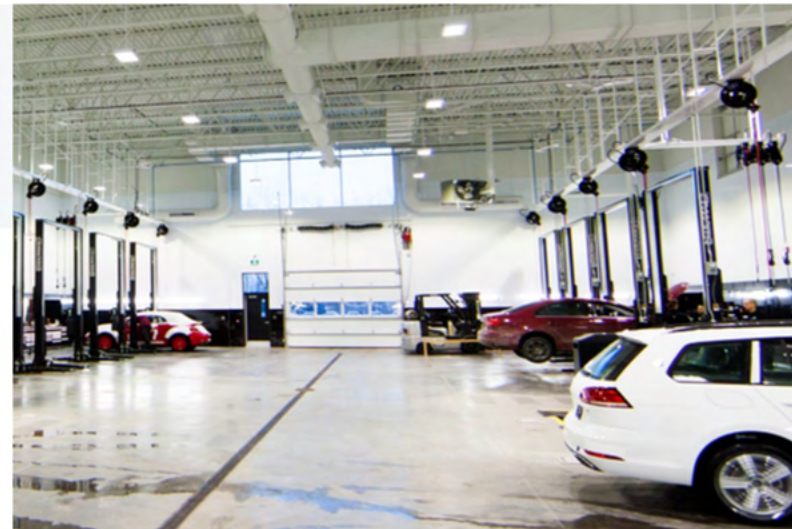


Standard Mounting



G/12 Mounting (customize)

Crafted to serve various purposes, EPTA LED linear lights are engineered for task lighting, high bay applications, directional lighting, and various specific applications in need of No-UV lighting. EPTA offers expansive broad-spectrum illumination without UV or light below 450nm. Providing a consistent LED spectrum, eliminates the risk of compromised production, ensuring stability and uninterrupted processes. With no flickering lights, it guarantees a seamlessly lit space, promoting focus and productivity.



SPECIFICATION FEATURES

CONSTRUCTION Rugged extruded aluminum housing. Modular design allows for easy installation, replacement and maintenance. 1P66 water-proof and dust-proof rated.

OPTICS With the flexibility options of lenses, LED realized all the necessary features to handle various tasks in industrial and commercial sector. It helps people work precisely to increase operation efficiency and triple saves energy in engineering applications. It also benefits commercial area for presentation and retailing without extra reflector.

ELECTRICAL 100-277VAC 50/60Hz Operation. The Model L is suitable for operation in -40°C to 50°C ambient environment. Various dimming methods like 1-10V dimming, DALI can save more energy. Available in standard 700mA driver current.

MOUNTING Suspension mounting & Surface mounting available.

FINISH Housing finished in super durable powder coat paint, corrosion resistant polyester powder painted 100um thickness. Meets 1,000H salt spray certification per ASTM Standard B117. Standard housing color of Grey and Black. Customized colors are available.



PERFORMANCE SUMMARY:

INPUT VOLTAGE	100-277VAC or 277-480VAC, 50/60Hz
NORMINAL POWER	40W~160W
EFFICIENCY	Up to 160 LPW
CRI	Ra>70 (Default)/Ra>80/Ra>90
POWER FACTOR	>0.9 at full load
TOTAL HARMONIC DISTORTION	>20% at full load
SURGE PROTECTION DEVICE	I _{max} 10KA
OPTIC (ESNA)	Type I, Type V
OPERATING TEMP.	-40°C~+50°C (High ambient temperature up to 80°C is customizable)
ACCESSORIES AND OPTIONS	1-10V Dimming, Motion Sensor, Emergency Power Supply, Photocell MINI
COLOR OPTIONS	Black, Gray
L70B10/L90B10	590nm Amber: 66,500 hrs, 590nm Amber + Red: 103,000hrs, 590nm Amber + Green: 72,600hrs
WARRANTY	5-year warranty, 10-year warranty (optional)



- cULus Listed
- CE-LVD/CE-EMC/CB
- SAA
- DLC Premium qualified versions available
- 1P66 /1K10
- RoHS compliant
- Endurance tested to withstand 1,000H of elevated ambient salt fog conditions as defined in ASTM Standard B117










**With the exception of the DIM, all options require prior confirmation with the engineer.

**Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org

BRIEF SPECIFICATIONS

MODEL	NORMINAL POWER	LED CURRENT	MODULE NUMBER	MODULE POWER	PRODUCT SIZE L*W*H (mm/n)	PACKING SIZE L*W*H (mm/n)	NET WEIGHT	GROSS WEIGHT	TYPICAL LUMINOUS FLUX (lm)	TYPICAL EFFICIENCY (lm/w)
100-277VAC										
LEC40L	40w	700mA	1	40w	287(11.30)*82(3.23)*71(2.80)	405(15.94)*115(4.53)*130(5.12)	1.6KG	2.1KG	6000	150
LEC80L	80w	700mA	2	40w	560(22.05)*82(3.23)*71(2.80)	680(26.77)*115(4.53)*130(5.12)	2.3KG	2.8KG	12160	152
LEC120L	120W	700mA	3	40W	834(32.83)*82(3.23)*71(2.80)	955(37.60)*115(4.53)*130(5.12)	2.9KG	3.5KG	18240	152
LEC160L	160W	700mA	4	40W	1107(43.58)*82(3.23)*71(2.80)	1225(48.23)*115(4.53)*130(5.12)	3.7KG	4.3KG	24480	153

PRODUCT IMAGE

LED40



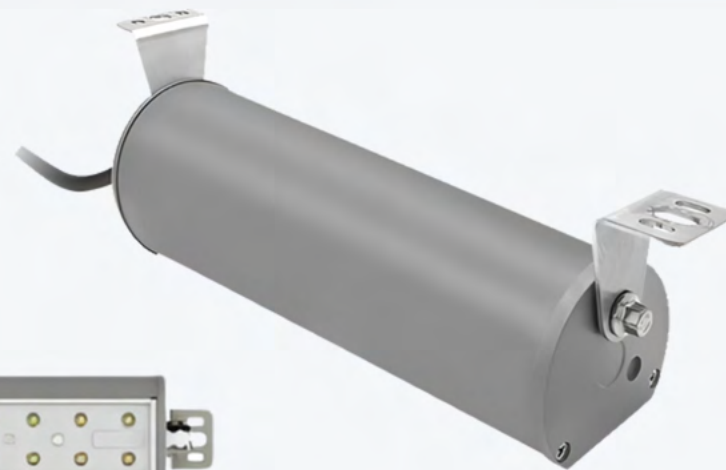
LED80



LED120

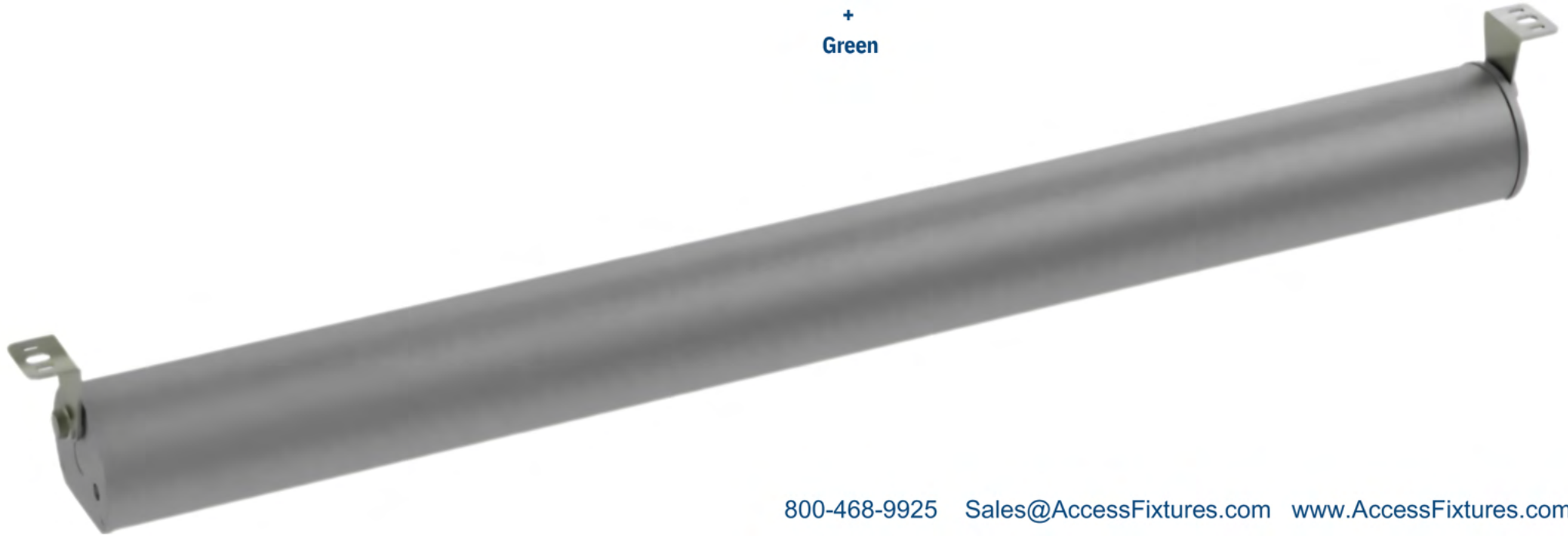


LED160

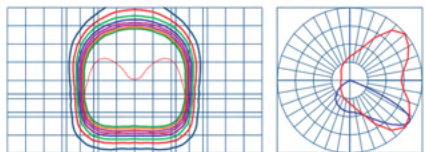


ORDERING INFORMATION

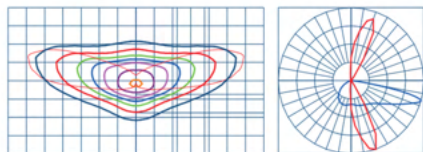
MODEL	INPUT VOLTAGE	OPTIC	CCT	COLOR	OPTIONS
AF88XLEC40	L 100-277VAC	T1S	590nm Amber	GY Gray-RAL7004	DIM1 1-10V Dimming MMS Motion Sensor EPS Emergency Power Supply PCM Photocell MINI
AF88XLEC80		T5M	590nm Amber		
AF88XLEC120		T5W	+ Red	BK Black-RAL9011	
AF88XLEC160		T40D	590nm Amber		
		T60D	+ Green		
	T90D	590nm Amber	+ Red		
			+ Green		



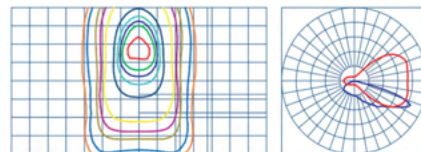
PHOTOMETRY



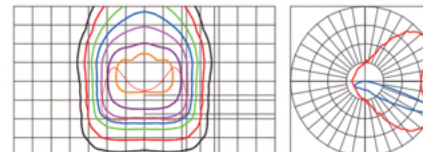
T3S Type III short



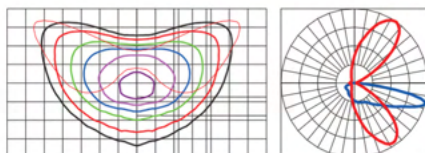
T3M Type III medium



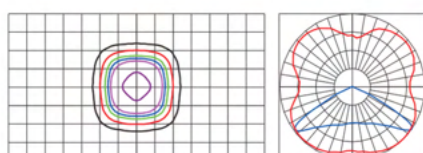
T4VS Type IV very short



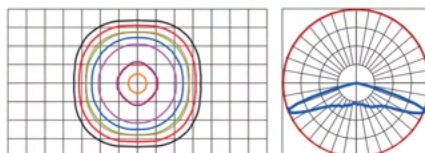
T4S Type IV Short



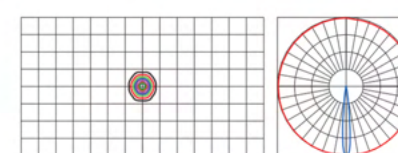
T4M Type IV Medium



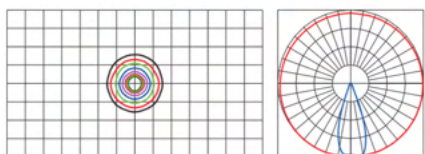
T5M Type V Square Medium



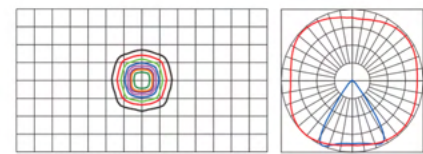
T5W Type V Square Wide



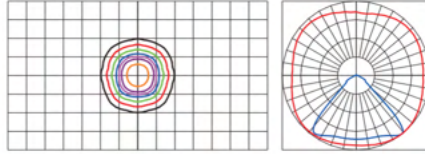
T10D 10° Flood



T40D 40° Flood

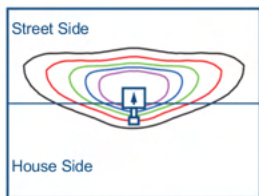


T60D 60° Flood

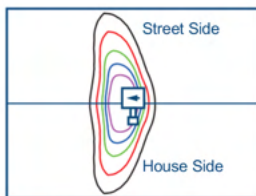


T90D 90° Flood

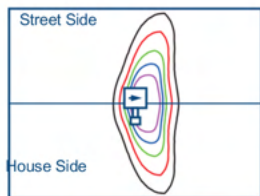
OPTIC ORIENTATION



Standard



Optics Rotated Left@90°

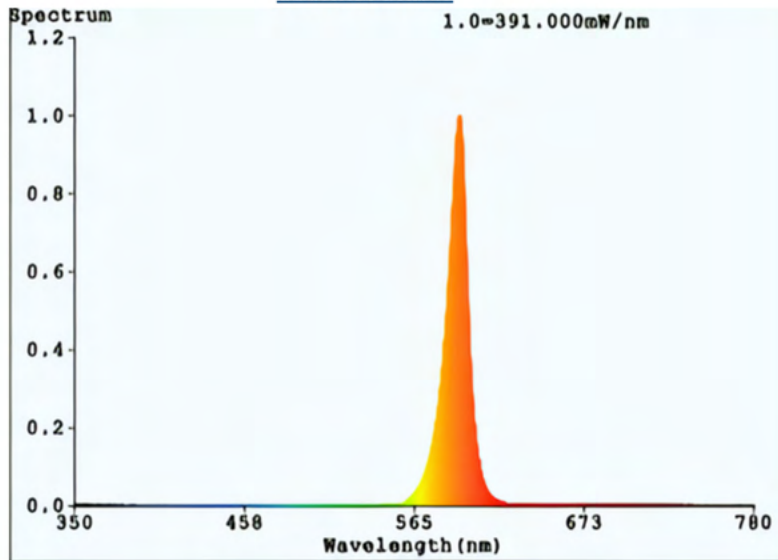


Optics Rotated Right @ 90°

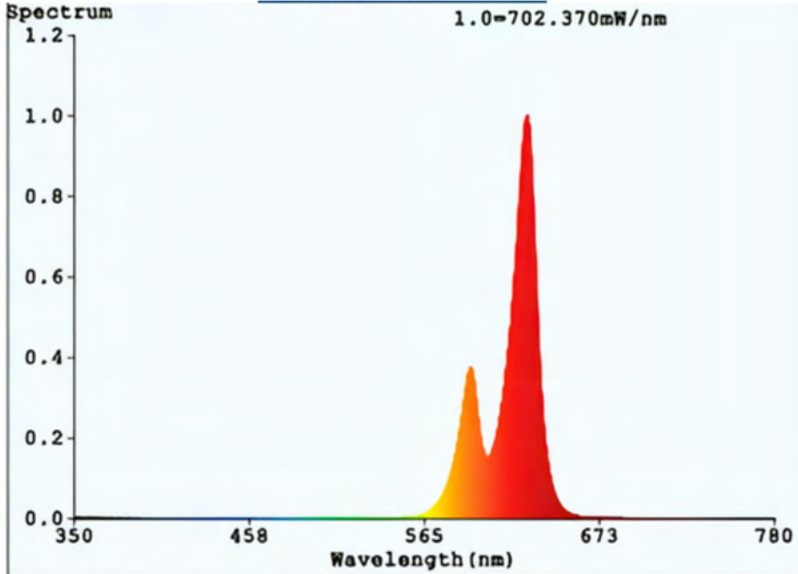


SPECTRUM IMAGES

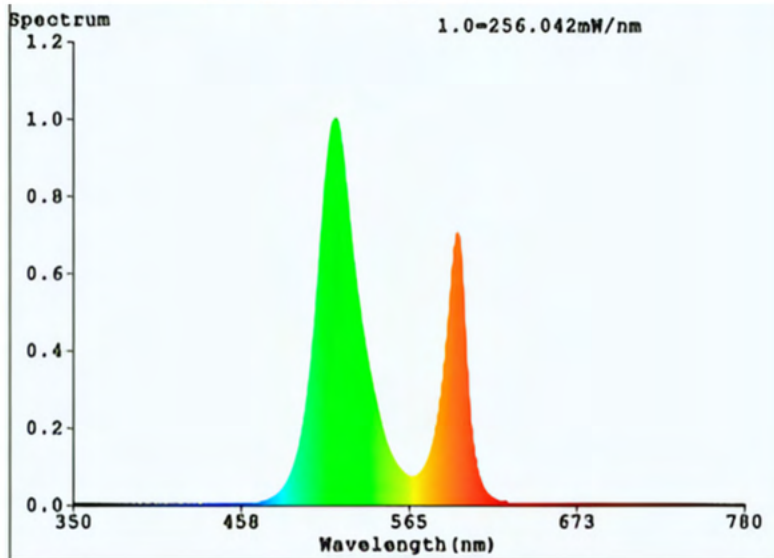
590nm Amber



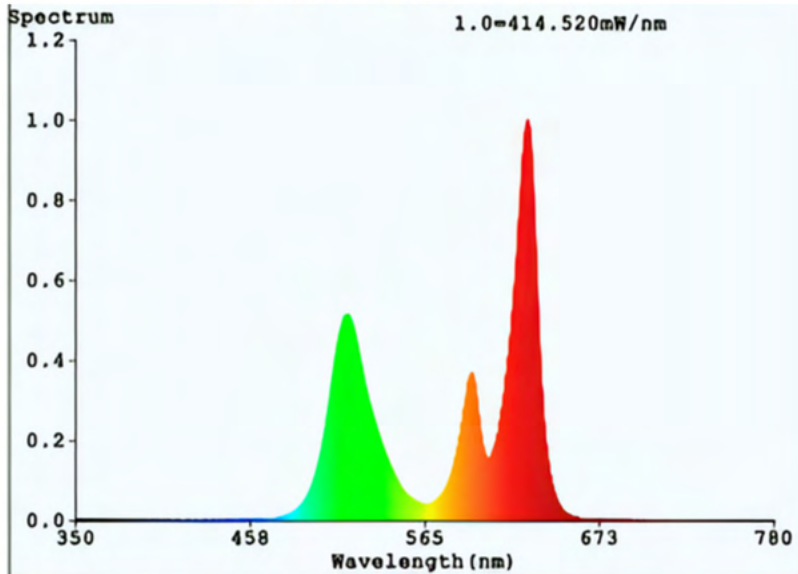
590nm Amber and Red



590nm Amber and Green



590nm Amber, Red and Green



CERTIFICATION & STANDARDS

Certification	Standards	Remark
CE-LVD Low Voltage Directive (2014/35/EC)	EN 60598-2-3/A1:2011	Applicable for Street Light
	EN 60598-2-5:2015	Applicable for Flood Light
	EN 60598-1:2015/A1:2018	
	EN 62471:2008	
CE-EMC Electromagnetic Compatibility Directive (2014/30/EU)	EN 62493:2015	
	EN 55015:2013/A1:2015	
	EN 61547:2009	
	EN 61000-3-2:2014	
CE-ErP Energy-Related Products Directive (2009/125/EU)	EN 61000-3-3:2013	
	EU 1194/2012:2012-12-12	
	EC 244/2009:2009-03-18	
	EU 859/2009:2009-09-18	
CE-RoHS Directive (2011/65/EU)	EN 62321:2009	
	IEC 60598-2-3/A1:2011	Applicable for Street Light
CB	IEC 60598-2-5:2015	Applicable for Flood Light
	IEC 60598-1:2014	
	IEC 62471:2006	
	IEC 62471-2:2009	
ENEC	EN 60598-2-3/A1:2011	Applicable for Street Light
	EN 60598-2-5:2015	Applicable for Flood Light
	EN 60598-1: 2015/A1: 2018	
	EN 62471:2008	
SAA	EN 62493:2010	
	AS/NZS 60598.2.3:2015	
ATEX ATEX 95 Equipment Directive(94/9/EC)	AS/NZS 60598.1:2017	
	EN 60079-0:12	
	EN 60079-11:12	
	EN 60529:1989+A1:1999	
UL	UL1598	
	UL8750	
FCC	CSA C22.2 No. 250.0-08	
	CSA C22.2 No. 250.13-14	
PSE	Title 47 CFR Part 15	
Photobiological Safety	日本電氣用品安全法省令別表第八(Safety)	
	(日本電氣用品安全法省令別表第八EMC)	
Vibration test	EN 62471:2008	
	IEC 62471:2006	
Salt spray test	ANSI C136.31-2010	Applicable for Street Light
	IEC/EN 60598-2-5 clause 5.6,7	Applicable for Flood Light
IK08 Impact resistance test IP65 or IP67 test	ISO 9227:2012	
	ASTM B117	
Photometric and Integrating Sphere test	IEC 62262:2002	
	IEC/EN 60598-1:2015 clause 9.2.2 and clause 9.2.6 or clause 9.2.8	
	IES LM-79-2008	
	ANSI C82.77-2002	
LED Module	ANSI C78.377-2011	
	CIE 13.3-1995	
	CIE 15-2004	
	IES TM-15-11	
LED Lamps	IES LM-63-2002	
	IEC/EN 62031:2008+A1:2013	
	IES LM-80-2008	
	ANSI C78.377-2011	
LED Driver	JESD22 A108	
	JESD22 A101C	
	JESD22 A105	
	JESD22 B104	
Surge Protection Device	JESD22 A114	
	EN 61347-1:2008	
	EN 61347-2-13:2006	
	EN 62384:2006+A1:2009	
Receptacle Dimming Receptacle	EN 55015:2006+A1:2007+A2:2009	
	EN 61000-3-2:2006+A1:2009+A2:2009	
	EN 61000-3-3:2008	
	EN 61547:2009	
Dimming Receptacle	IEC 62386 Part 102 and Part 207	
	UL1012 UL879 UL935	Applicable for DALI
	FCC Title 47 CFR Part 15 Class A	
	ANSI/IEEE C62.41.2-2002	
	UL1449	
	ANSI C136.10-2010	
	ANSI C136.41-2013	

