

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

## Shoreview Series

*Ambient+ Lensed 4" Square Downlight •*

*Two Color Switchable or Static Color*

Two Static Colors Available • Up to 60,000 Hour Rated Life

Wet Listed • LM-79 Certified • LM-80 Qualified

## Specifications

### Delivered System Performance

- Nominal Lumens in static white mode, see page 3 for static color output: **Must Specify**

#### Type IC-1000L

- Select trim: see chart
- Select static white color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- Select static color: Environmental yellow/amber (590nm) or Environmental red/orange (617nm) available
- True color, not phosphor converted
- No light emitted below 560nm in static color mode
- 60,000 hour rated life (L70)

### Thermal Management System

- Aluminum heat sink and components for cool operation, long life, and low maintenance

### LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V CCR 1.0% dimming standard
- 120-277V / 50-60 Hz standard; load insensitive

### Trim Assembly

- Tapered aluminum all white smooth self-flanged trim (field paintable)
- Clear poly lens with black louver above

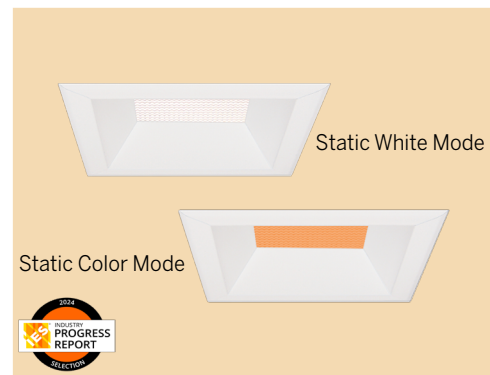
### Acrylic Enameled Aluminum Housing

- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

### Outlet Box (Galvanized)

- UL Listed, 14GA, insulated, removable cover
- 1/2" and 3/4" knockouts

## TRS-04504



### Installation & Hardware

- Indoor/outdoor in ceilings up to 1 1/4" thick or see option -79
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied

### UL, C-UL (Canada) Compliance

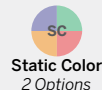
- UL Listed: wet, damp or dry locations, covered ceilings
- Through-branch conductors (4 #12 AWG 90°C)

### IEC & FCC Compliance

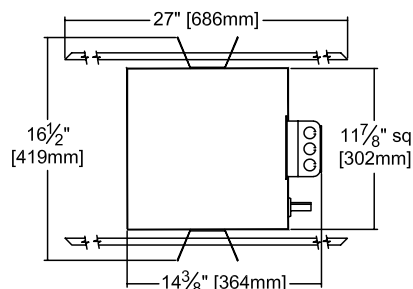
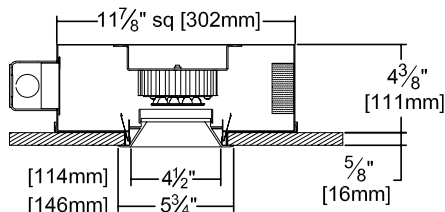
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

### FIVE YEAR Limited Warranty

- Complete standard fixture



## Dimensions



## Static Color Options

OPTION	LED COLOR	TYPICAL APPLICATION
-590	Yellow / Amber (590nm)	Turtle Friendly, Sleep-Supporting Circadian
-617	Amber (617nm)	Vivarium, Sleep-Supporting Circadian

Ambient+ Two Color Options and Ordering Configuration

(Example: TRS-04504-1000L-UNV-30K-590-38T)

Must Specify					Optional			
Model	Lumens	Volts	White CCT	Static Color	Driver Options	Trim Options	Emergency Options	Other Options
TRS-04504	-1000L	-UNV -97 <sup>†</sup> : Other Voltage	80+ CRI* -27K: 2700°K -30K: 3000°K -35K: 3500°K -41K: 4000°K -50K: 5000°K *Note: Lumen Factor = 0.93 for -27K 90+ CRI** -27K-HC: 2700°K -30K-HC: 3000°K -35K-HC: 3500°K -41K-HC: 4000°K -50K-HC: 5000°K **Note: Lumen Factor = 0.79 for -27K-HC; All Others = 0.85; Consult Factory	-590: 590nm Yellow/Amber; Turtle-friendly -617: 617nm Amber; Turtle-friendly	(Blank): 0-10V 1.0% dim; 2 outputs - Static White and Static Color  -D2: 0-10V 0.1% dim; 2 outputs - Static White and Static Color	(Blank): Seamless tapered aluminum self-flanged trim with white finish; clear poly lens with black louver above  Trim Finishes -35T: Silver enamel (complete trim) -37T: Dark bronze enamel (complete trim) -38T: Black enamel (complete trim) -94: Custom color; consult factory  Other Trim Features -32: White trim extender, specify OD -45: Gasket between trim & ceiling -46: Gasket between trim & lens	(Blank): None  -EI: Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes; N/A for options -FS, -97	(Blank): None  Mounting -79: Extension collar for ceilings up to 2" thick -RH: Joist mounting hardware instead  Other Options -99: Special modification; consult factory  -FS: Fused primary; One per fixture; N/A for option -EI
		†Consult factory						

Static Color Options and Ordering Configuration

(Example: TRS-04504-1000L-UNV-617-D2-94)

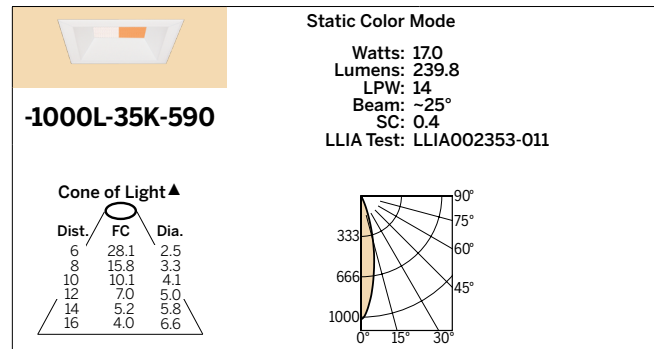
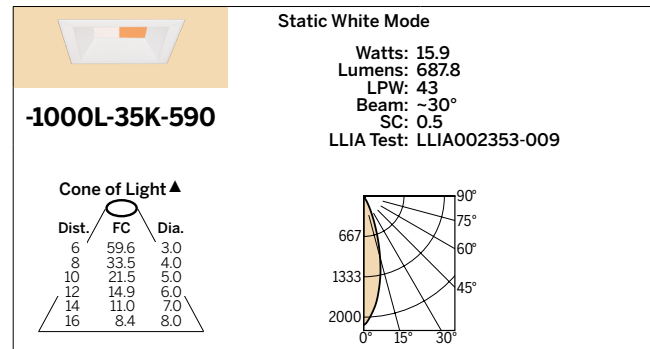
Must Specify				Optional			
Model	Lumens	Volts	Static Color	Driver Options	Trim Options	Emergency Options	Other Options
TRS-04504							
	-1000L	-UNV -97†: Other Voltage	-590: 590nm Yellow/ Amber; Turtle-friendly  -617: 617nm Amber; Turtle-friendly	(Blank): 0-10V 1.0% dim  -D2: 0-10V 0.1% dim; Static Color	(Blank): Seamless tapered aluminum self-flanged trim with white finish; clear poly lens with black louver above	(Blank): None  -EI: Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes; N/A for options -FS, -97  -ERH: Remote emergency battery pack; Delivers 1000 lumens; CEC Compliant; Run time: 90+ minutes	(Blank): None  Mounting -79: Extension collar for ceilings up to 2" thick -RH: Joist mounting hardware instead  Other Options -99: Special modification; consult factory -AWN: Athena Wireless Node; Consult Factory -FS: Fused primary; One per fixture; N/A for option -EI  *Note: For other integrated control solutions, such as nLight, contact factory
					Trim Finishes		
					-35T: Silver enamel (complete trim)		
					-37T: Dark bronze enamel (complete trim)		
					-38T: Black enamel (complete trim)		
-94: Custom color; consult factory							
Other Trim Features							
-32: White trim extender, specify OD							
-45: Gasket between trim & ceiling							
-46: Gasket between trim & lens							

†Consult factory

LIMITED WARRANTY: KIRLIN LIGHTING PRODUCTS ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IS NOT NORMAL USE. Manufacturer at its option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within the years of original shipment. Liability of manufacturer is limited to the foregoing and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation or repair or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.

LM-79 IESNA Certified Photometry from Independent Lab

CCT-STATIC COLOR	COLOR LUMENS	COLOR LUMEN FACTOR	MAXIMUM WATTAGE†
<b>-CCT-590</b>	239.8	1.00	17.0
<b>-CCT-617</b>	438.8	1.83	17.5

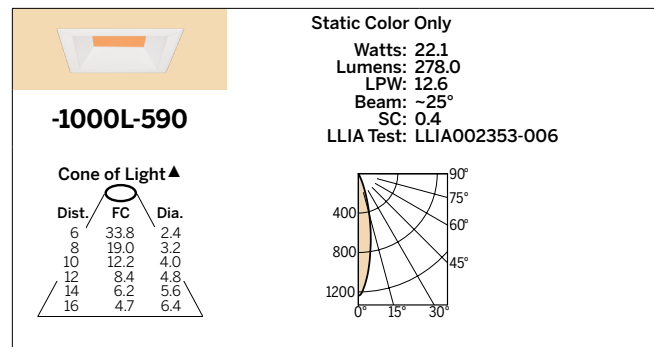


<sup>†</sup> Maximum wattage is in static color mode. For static white wattage, please see photometry details.

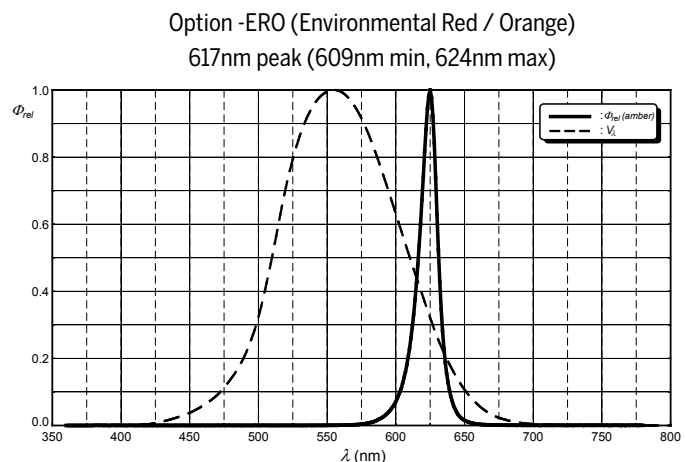
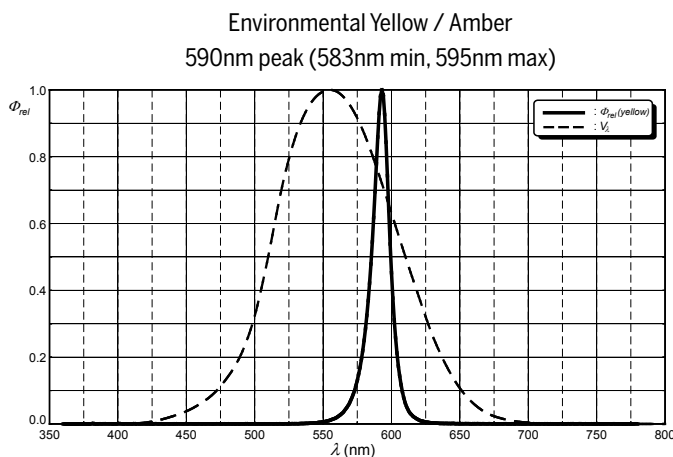
\* See notes on page 1 for additional info on Lumen Factors

## LM-79 IESNA Certified Photometry from Independent Lab

STATIC COLOR	COLOR LUMENS	COLOR LUMEN FACTOR	NOMINAL WATTS	LPW
<b>-590</b>	278.0	1.00	22.1	12.6
<b>-617</b>	508.7	1.83	22.1	23.1



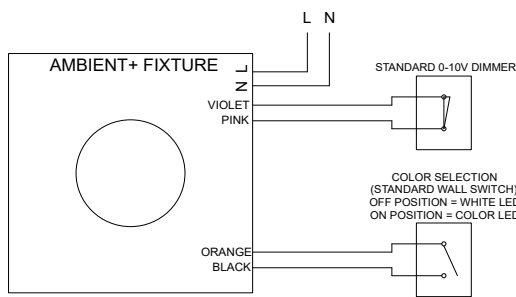
———— LED Output  
 - - - - Human Eye Perception



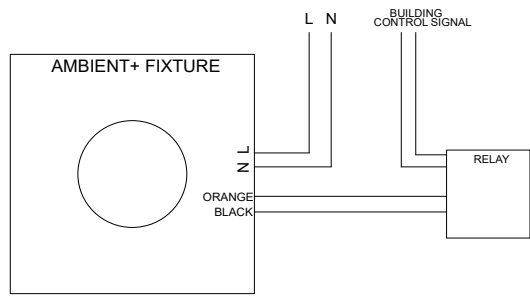
LED manufacturers maintain a tolerance of  $\pm 7\%$  on flux (lumens) and power (electrical) measurements

# Ambient+ Two Color Switchable - Example Wiring Diagrams

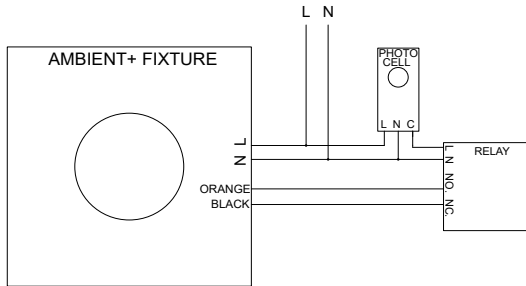
Basic Color Selection



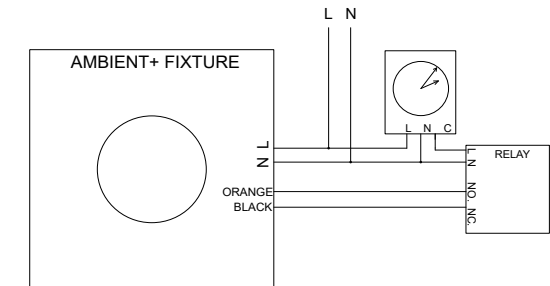
Building Control of White vs. Color



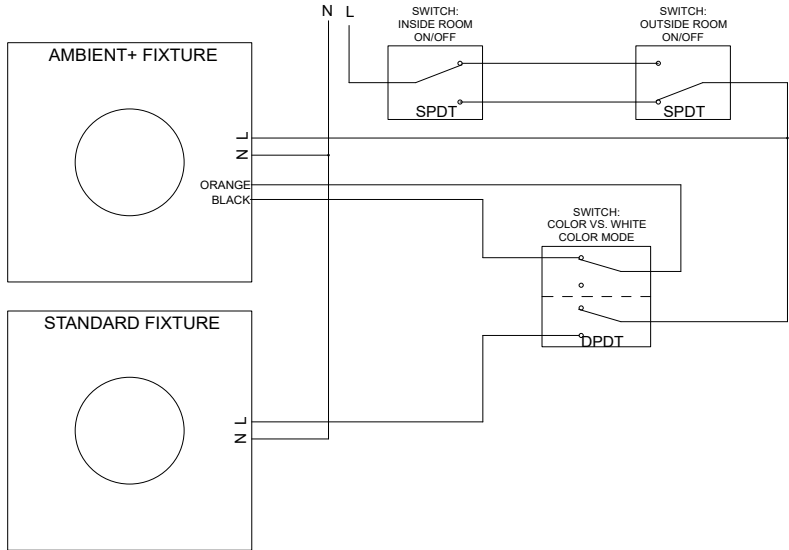
Photocell Control of White vs. Color



Timer Control of White vs. Color



Room Example with a Mix of Fixture Types



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