

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series

Ambient+ Lensed 6" x 10" Cylinder Downlight • Two Color Switchable or Static Color LED

Six Static Colors Available • Up to 90,000 Hours
Surface, Pendant, or Wall Mount • LM-80 and LM-79 Certified

LSR-06475



Specifications

Delivered System Performance

- Nominal Lumens in static white mode, see page 3 for static color output: **Must Specify -1000L**
- Select trim: see chart
- Beam distribution: WFL
- Select static white color (CCT): see chart; 80+ CRI standard; Option -HC for 90+ (15% lumen loss)
- Select static color: see chart
- 90,000 hour life (L70)

Thermal Management System

- All aluminum heat sink and components for cool operation, long life, 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

- Seamless white self-flanged aluminum
- Regressed microprismatic spread lens

Aluminum Housing

- Seamless white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire
- Lightweight: minimizes ceiling load
- See Options for additional finishes and mounts

Installation

- Center point mounting for snug fit to ceiling; mounting hardware furnished
- Indoor or outdoor for covered ceiling use (see Option -89)

UL, C-UL (Canada) Listings

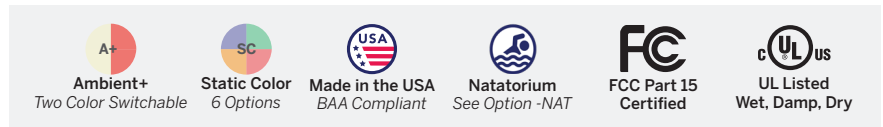
- Wet, damp or dry locations, covered ceilings (see Option -89)

IEC & FCC Compliance

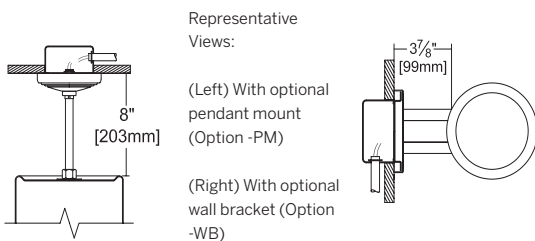
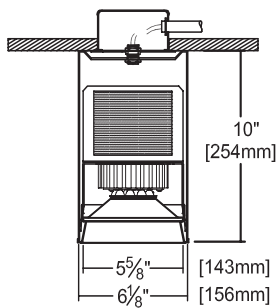
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture



Dimensions



Static Color Options

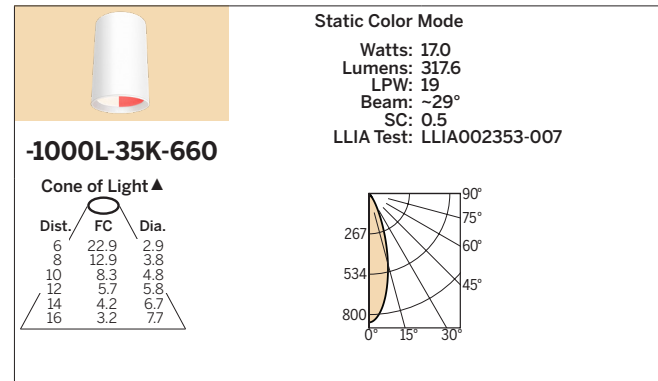
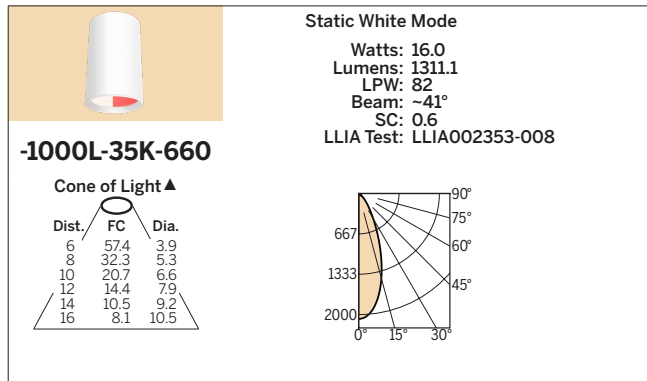
OPTION	LED COLOR	TYPICAL APPLICATION
-465	Blue (465nm)	Backstage Theater, Public Safety
-521	Green (521nm)	Operating Rooms
-590	Yellow / Amber (590nm)	Turtle Friendly, Sleep-Supporting Circadian
-617	Amber (617nm)	Vivarium, Sleep-Supporting Circadian
-634	Red / Amber (634nm)	Sleep-Supporting Circadian
-660	Red (660nm)	Darkroom, Laboratories

Photometry - Ambient+ Two Color Switchable - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

Ambient+ Two Color

CCT-STATIC COLOR	COLOR LUMENS	COLOR LUMEN FACTOR	MAXIMUM WATTAGE†
-CCT-465	945.2	3.00	21.5
-CCT-521	1524.5	4.80	20.7
-CCT-590	408.8	1.29	17.3
-CCT-617	745.7	2.35	17.7
-CCT-634	679.0	2.14	16.8
-CCT-660	317.6	1.00	17.0



† Maximum wattage is in static color mode. For static white wattage, please see photometry below.

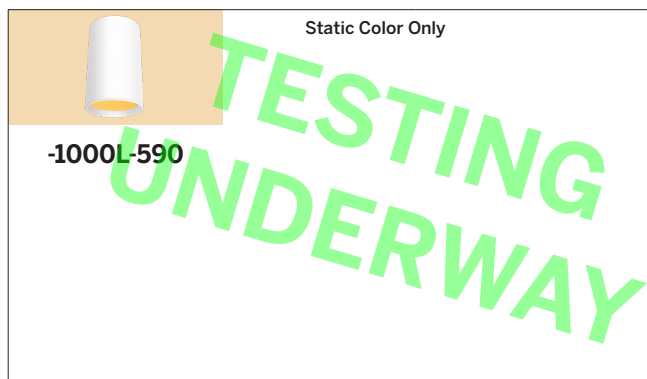
* See notes on page 1 for additional info on Lumen Factors

Photometry - Static Color - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

Static Color

STATIC COLOR	COLOR LUMENS	COLOR LUMEN FACTOR	NOMINAL WATTS	LPW
-465		2.15	20.4	
-521		3.30	19.4	
-590		1.00	22.7	
-617		1.83	22.4	
-634		1.66	21.9	
-660		0.78	21.6	

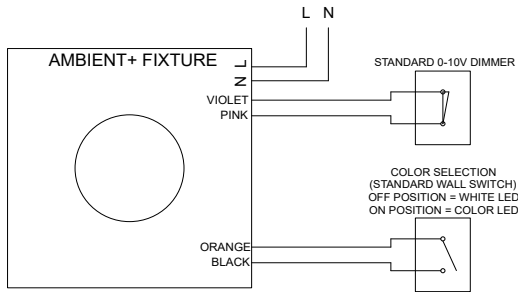


LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

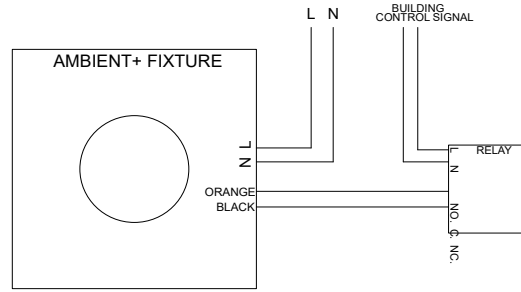
LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacturer of the fixture will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture to the offices of manufacturer within two 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.

Ambient+ Two Color Switchable - Example Wiring Diagrams

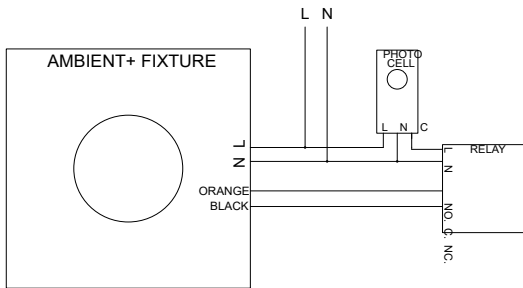
Basic Color Selection



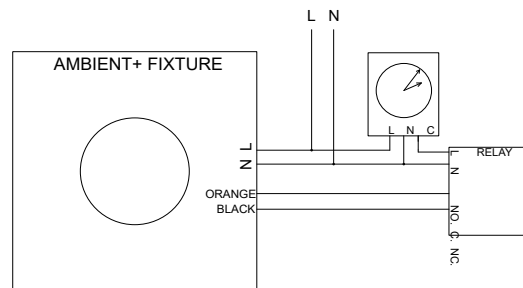
Building Control of White vs. Color



Photocell Control of White vs. Color



Timer Control of White vs. Color



Room Example with a Mix of Fixture Types

