

**PHILIPS**  
**LIGHTOLIER**

Downlighting

**Xceed LED 5"  
Round Lensed**

600lm & 900lm, Low Profile  
Light Engine & Trim



Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Cat.No: \_\_\_\_\_  
Type: \_\_\_\_\_  
Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
Notes: \_\_\_\_\_

Xceed LED's color spectrum is broader and renders more colors, more accurately than traditional compact fluorescent fixtures.

### Ordering guide

The Complete fixture consists of frame-in kit, light engine and trim. Select each separately.

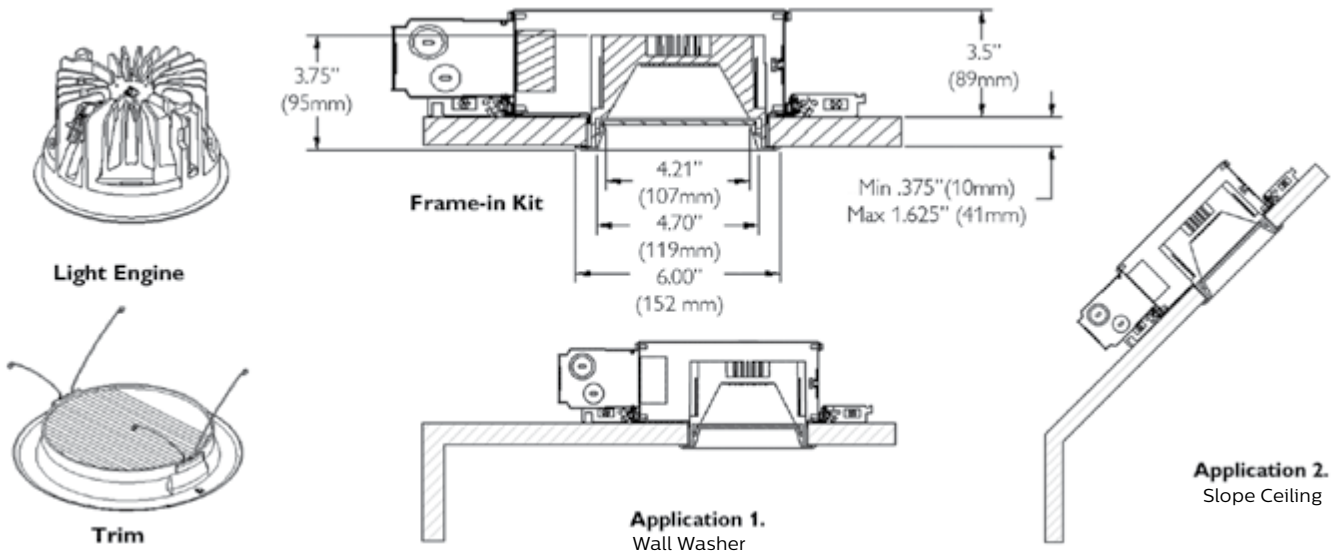
Frame-in kit Series		Lumens / Dimming	Mounting
<b>1050LRN</b>		<input type="text"/>	<input type="text"/>
<b>1050LRN</b> Lytecaster Xceed LED 5", Round Frame-in kit for New construction		<b>0609D2</b> 600lm & 900lm (nominal) / 277v dimming <b>06D1</b> 600lm (nominal) / 120v dimming <b>09D1</b> 900lm (nominal) / 120v dimming	<b>-</b> Preset screws <b>N</b> Preset nails
Light Engine Series		Lumens*	CCT*
<b>1050LRN</b>		<input type="text"/>	<input type="text"/>
<b>1050LRN</b> Lytecaster Xceed LED 5", Round Light Engine for New construction		<b>06</b> 600lm (nominal)* <b>09</b> 900lm (nominal)	<b>27</b> 2700K <b>30</b> 3000K* <b>35</b> 3500K
Trim Series		Style	Finish / Flange
<b>1050LRN</b>		<b>SLW</b>	<input type="text"/>
<b>1050LRN</b> Lytecaster Xceed LED 5", Round Trim for New construction		<b>SLW</b> Lensed slope/wall washer	<b>WB</b> White baffle finish / White flange <b>CDW</b> Clear diffuse finish / White flange <b>CDP</b> Clear diffuse finish / Clear diffuse flange <b>WC</b> White cone finish / White flange

\* Light Engines with 600lm (**06**) configurations are not available with 3000K (**30**) CCT options.

# 1050LRNSLW Xceed LED 5"

Round Lensed Slope/Wall Washer, New construction, Light Engine / Trim

## Dimensions



## Trim Features

1. **Lower baffle / cone:** Injection molded non-yellowing Polycarbonate plastic trim. Matte white finish. CD and WD finishes are a painted metallic coated finish.
2. **Lens:** 1/8" (6mm) thick high transmission soda lime glass. Solite texture to reduce visibility to the LEDs.
3. **Finishes:** White Baffle / White Flange (WB), Clear Diffuse Cone / White Flange (CDW), Clear Diffuse Cone/ Clear Diffuse Flange (CDP), White Cone/White Flange (WC).
4. **Tortionite springs:** Permit easy and fast installation of trim and assure snug fit on ceiling.
5. **Slope ceiling installation:** Works with 14°-45°(3/12-12/12) slope.

## Light Engine Features

1. **LED Board:** Utilizes Philips Lumileds LEDs.
2. **Optical mixing chamber:** Designed to provide optimal illumination with high reflectivity aluminum reflector.
3. **Securing screws:** Springs on frame-in kit allow fast positioning of Light Engine into ceiling opening, and captive screws secure the Light Engine snug to the ceiling.
4. **Thermal management:** Proprietary heat sink was developed using the latest in Computational Fluid Dynamic Software. This optimized thermal design provides an expected lifetime of 50,000 hours. Cast aluminum heat sink is painted in black to maximize heat transfer.
5. **Performance:** See attached photometric reports for distribution and efficiency data.

## Labels

cULus listed, frames are suitable for damp location, trims are suitable for wet location. Complies with Air Leakage.

120V housing = type IC  
277V housing = type Non-IC

5 year warranty.

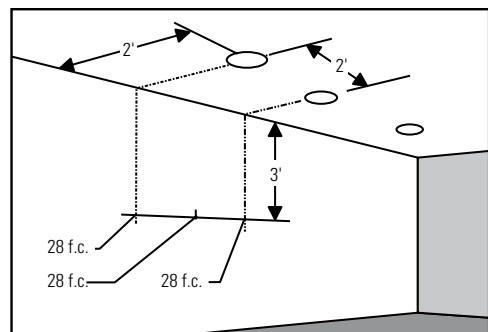
All testing conducted in accordance with IESNA LM79 and LM80 standards.

# 1050LRNSLW Xceed LED 5"

Round Lensed Slope/Wall Washer, New construction, Light Engine / Trim

## 1050LRNSLWWB (trim), 1050LRN0935 (engine), 1050LRN09D1 (frame)

### Example lighting data



The illumination on the wall 3' down from the ceiling is 28 f.c. beneath and 28 f.c. between fixtures.

Multiple units footcandles on wall				
2' from wall - 2' on center				
	O <--- 2' ---> O			
Distance From Ceiling in Feet	1	2	3	4
1	20	18	20	20
2	30	30	30	30
3	28	28	28	28
4	25	25	25	25
5	22	21	22	22
6	18	18	18	18
7	15	14	15	15
8	12	12	12	12
9	10	10	10	10
10	9	9	9	9

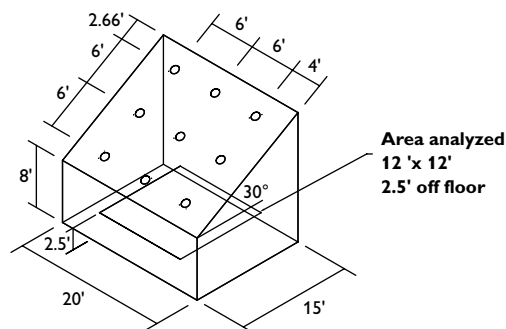
Multiple units footcandles on wall				
3' from wall - 3' on center				
	O <--- 3' ---> O			
Distance From Ceiling in Feet	1	2	3	4
1	7	6	7	7
2	12	11	12	12
3	14	14	14	14
4	13	13	13	13
5	13	12	13	13
6	12	12	12	12
7	11	11	11	11
8	10	10	10	10
9	9	9	9	9
10	8	8	8	8

**Efficiency: 55.2%**

Tested using absolute photometry as specified in LM79: IESNA approved method for the electrical and photometric measurements of solid state lighting products.

## 1050LRNSLWWB (trim), 1050LRN0935 (engine), 1050LRN09D1 (frame)

### Slope application



1050LRNSLWWB				
19	20	24	18	21
17	20	26	20	24
20	22	27	20	25
17	20	26	20	24
19	20	24	18	21

Footcandles 2.5 feet above the floor fixtures on 6' x 6' centers in 15' x 20' room with 30° sloped ceiling.

Room reflectance's: 80% ceiling, 50% walls, 20% floor

Footcandle values are initial, shaded areas represent footcandle values directly below fixtures (6' on center).

