

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

#### Trim compatibility for the 1101LED15N series frame-in-kits.

Frame-in kit example: 1101LED15N35D2				Compatible Trims						
Catalog number	Details	CCT	Voltage	Anodized reflector	Cone	Satin cone	Baffle	Crossblade	Wall washers	Open wet
1101LED Lytecaster LED 6 3/4", Non-IC, frame-in kit	15N 1500lmn, New constr.	27 2700K 35 3500K	D1 120v D2 277v	1143	1112	1108	1105	1132*	1195* 1196* 1196CD*	1184WH 1184CD
				1144	1112NM	1108NM	1105NM			
				1144CD	1113	1110	1105WH			
				1145	1113NM	1110NM	1105BNM			
				1146	1113BK		1176*			
				1146CD	1113BKNM		1176WH			
					1113CD					
					1113CDNM					
					1113WH					

\* Trims marked are not Energy Star certified.

#### Features

- Mounting frame:** .036" (#20ga.) Galvanized steel. Accommodates all ceilings up to 1 1/2" thick.
- Trim clips:** "Push in / twist out" stainless steel clips hold reflector flush to ceiling.
- Junction box:** 2" x 4" x 3-1/2" (22cu. in.) .032" (#22ga.) galvanized steel.
- Uniframe mounting system – grid ceiling:** Tool free mounting in grid ceilings. .036" (20ga.) Galvanized steel interlocking slide bars adjust to 24-1/8" long accommodating 24" O.C. Ceiling grid. Adjustable speed clamps for positive attachment to grid ceiling systems.
- Uniframe mounting system – wood joist ceiling:** Integral nailing tabs, alignment guides, fastener holes and bendable strapping guides for wood joist installation. Galvanized Steel interlocking slide bars adjust from 12-15/16" to 24-1/8" long to accommodate 16" and 24" O.C. joist spacing, with or without strapping.
- Reflector:** See individual specification sheets for information.
- Optical mixing chamber:** Designed to provide a spacing ratio of .9 (60° beam) when installed in standard Lytecaster trims. Optic design provides less glare than standard PAR lamps.
- Lens:** Solite Glass lens has high transmission value with slight texturing to provide a smooth consistent beam distribution.
- LED board:** Utilizes Philips Lumileds LED's.

#### Electrical

Electronic power supply: RoHS compliant Class 2 power unit for use in a damp or dry location. Class A sound rated. Unit tolerates sustained open circuit and short circuit output conditions without damage. Complies with FCC rules per Title 47 CFR Part 15 Non-Consumer (Class A) for EMI/RFI (conducted and radiated). All Luminaires are intended for use with 0-10V DC type dimmers. See LED-DIM spec sheet for latest dimming switch compatibility.

Input voltage	Input frequency	Max input current amps	Max input power	Max THD	Power factor	Minimum operating temperature	Dimming signal
120V Dim	50/60Hz	0.24	30W	< 20%	>.9	-20° C	0-10V
277V Dim	50/60Hz	0.11	30W	< 20%	>.9	-20° C	0-10V

# 1101LED15 Uniframe LED 6 3/4"

## 1500lm Non-IC Frame

### Features

- 10. Thermal management:** Proprietary heat sink was developed using the latest in Computational Fluid Dynamics Software. This optimized thermal design provides a 50,000 hour lifetime at 70% lumen maintenance. Cast aluminum heat sink is coated with a RoHS compliant coating (trivalent chromate) to resist corrosion in damp/wet environments.
- 11. Power supply:** Factory wired electronic Philips LED driver (see Electrical section for specifications).
- 12. Thermal protector:** Meets NEC and UL requirements. Do not install insulation above or within 3" (76mm) of any part of the luminaire.
- 13. Top heat sink cover:** Tool free snap on enclosure bracket. 22-ga component houses the driver secondary tool free wire connector.

### Electrical

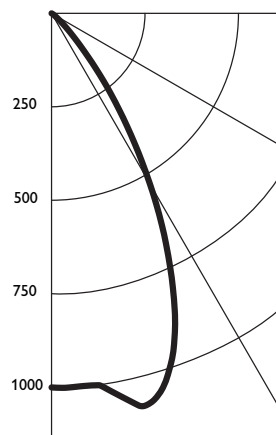
#### Accessories

1967A extra thick ceiling adapter (2" thk)  
L56VWLENS Spread Lens for use with wall wash trims  
to provide even vertical illumination.

#### Labels

All compatible trims (open as well) suitable for UL wet locations.  
5 year warranty. Title 24 compliant. Energy Star certified.  
cULus Listed. Suitable for damp locations. I.B.E.VV.

### Lytecaster LED, 3500K Uniframe



Angle	Mean CP
0	1712
5	1714
10	1778
15	1854
20	1720
25	1376
30	947
35	559
40	279
45	110
50	36
55	16
60	7
65	1
70	1
75	0
80	0
85	0
90	0

#### Catalog No: 1101LED15N35D1 / 1113

Report No.: F11178

Total Fixture Lumens: 1764 lms

Color Temp: 3500K

Input Watts: 30W

Luminaire Efficacy 58.8 lm/w

Spacing Criterion: 0.9

CRI 82

#### Zonal lumens and percentages

Zone	Lumens	%Lamp	%Fixt
0-30	1297	N/A	74
0-40	1651	N/A	94
0-60	1762	N/A	99
0-90	1764	N/A	100

Coefficients of utilization										
Ceiling	80%			70%			50%			0%
Wall	70	50	30	70	50	30	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%									
Room Cavity Ratio	0	119	119	119	116	116	116	111	111	111
	1	114	112	110	112	110	108	106	104	103
	2	110	106	103	108	104	101	101	99	97
	3	106	100	96	104	99	96	97	94	91
	4	102	96	91	100	95	91	93	89	86
	5	98	91	86	96	90	85	88	84	81
	6	94	86	81	92	86	81	84	80	77
	7	90	82	77	89	81	77	80	76	73
	8	86	78	73	85	77	72	76	72	69
	9	82	74	69	81	73	69	72	68	65
	10	79	70	65	78	70	65	69	64	61

#### Single unit data

Height to lighted plane	Initial center beam foot-candles	Beam diameter*
6'	48	5
7'	35	6
8'	27	7

\*Beam diameter is where foot-candles drop to 50% of maximum.

Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

