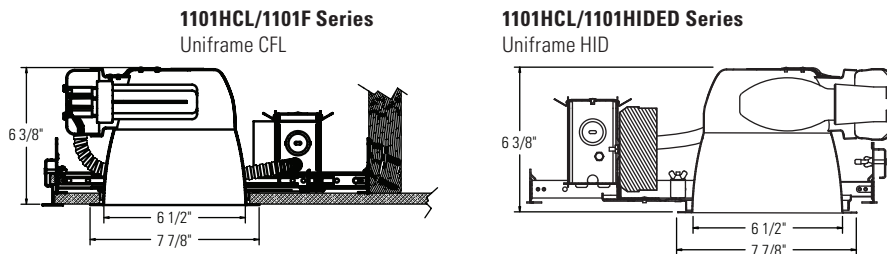


# Lytecaster Performance Recessed Downlighting **1101H**



Complete Fixture consists of Frame-In Kit and Reflector Trim. Select each separately.

Uniframe Performance Series Reflector Trims		Compatible Compact Fluorescent Frame-In Kits (See Individual Frame-In Kit Specification Sheets)				
Catalog No.	Description	Catalog No.	Installation Type	Lamping		
<b>1101HCL</b> <b>1101HCD</b> <b>1101HWH*</b>	6-3/4" Horizontal Open Downlight – Specular Clear 6-3/4" Horizontal Open Downlight – Clear Diffuse 6-3/4" Horizontal Open Downlight – Matte White	<b>1101F18U</b> <b>1101FR18U</b>	Uniframe Non-IC 120/277v Uniframe Non-IC Remodeler 120/277v	18w Quad/Triple		
		<b>1101FD26L1</b> <b>1101FD26L2</b>	Uniframe Non-IC Lutron Dimming 120v Uniframe Non-IC Lutron Dimming 277v	26w Quad/Triple		
		<b>1101FD32L1</b> <b>1101FD32L2</b>	Uniframe Non-IC Lutron Dimming 120v Uniframe Non-IC Lutron Dimming 277v	32w Triple		
		<b>1101F2642U</b> <b>1101FR2642U</b> <b>1101F2642UEM</b>	Uniframe Non-IC 120/277v Uniframe Non-IC Remodeler 120/277v Uniframe Non-IC Emergency 120/277v	26w Quad/Triple 32w Triple 42w Triple		
		<b>1101FD2642MX1</b> <b>1101FD2642MX2</b> <b>1101FD2642M7U</b> <b>1101FR264MX1</b> <b>1101FR264MX2</b>	Uniframe Non-IC Advance Mark10 Dimming 120v Uniframe Non-IC Advance Mark10 Dimming 277v Uniframe Non-IC Advance Mark7 Dimming 120/277v Uniframe Non-IC Advance Mark10 Dimming 120v Rem. Uniframe Non-IC Advance Mark10 Dimming 277v Rem.			
		<b>1101F18ICU/N</b>	Performance IC 120/277v	18w Quad/Triple		
		<b>1101F2642ICU</b> <b>1101F2642IUN</b>	Performance IC 120/277v	26w Quad/Triple 32w Triple 42w Triple		
		<b>1101FDICMX1/N</b>	Performance IC Advance Mark10 Dimming 120v	26w Quad/Triple 32w Triple		
		<b>1101FDICMX2/N</b>	Performance IC Advance Mark10 Dimming 277v	26w Quad/Triple 32w Triple		
		<b>Compatible HID Uniframe Frame-In Kits</b> (See Individual Frame-In Kit Specification Sheets)				
		<b>1101HIDED50U</b>	Non-IC	50W ED17 open		
		<b>1001HIDED70</b>	Non-IC	70W ED17 open		
		<b>1101HIDED100U</b>	Non-IC	100W ED17 Open		
		<b>1101HIDED50ULC</b>	Non-IC Chicago Plenum	50W ED17 Open		
		<b>1101HIDED70ULC</b>	Non-IC Chicago Plenum	70W ED17 Open		
		<b>1101HIDED100ULC</b>	Non-IC Chicago Plenum	100W ED17 Open		

\*Not listed for HID

## Features

- Reflector:** Formed aluminum. Matte White flange.
- Finishes:** CL = Specular Clear (Iridescent Free coating)  
CD = Clear Diffuse  
WH = Matte White Paint
- Performance Data:** 60° Cutoff angle.  
See attached photometric reports for distribution and efficiency data.  
Go to [www.lightolier.com](http://www.lightolier.com) for .IES files.

## Labels

cULus Listed. Suitable for Damp Locations. I.B.E.W.

## Job Information

Type:

Job Name:

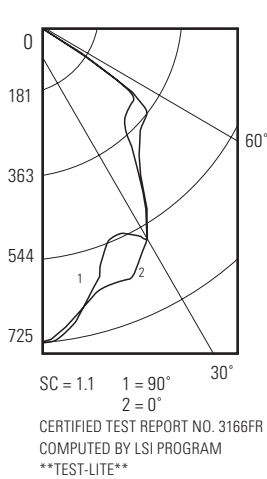
Cat. No.:

Lamp(s):

Notes:

# Lytecaster Performance Recessed Downlighting **1101H**

## 32W TRIPLE TUBE LAMP, LUMEN RATING = 2200 LMS, ELECTRONIC BALLAST, CL FINISH TRIM

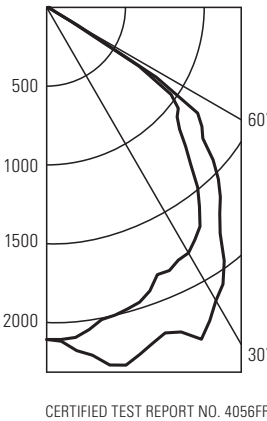


CANDLEPOWER SUMMARY			ZONAL LUMEN SUMMARY		ZONAL LUMENS AND PERCENTAGES			
Angle	0° CP	90° CP	Zone	Lumens	Zone	Lumens	%Lamp	%Fixt
0	720	720	0-10	68.47	0-30	516.68	23.5	38
5	722	725	10-20	181.71	0-40	827.14	37.6	60.9
10	689	697	20-30	266.5	0-60	1337.28	60.8	98.5
15	641	633	30-40	310.46	0-90	1357.97	61.7	100
20	626	558	40-50	281.1	90-120	0	0	0
25	621	535	50-60	229.04	90-150	0	0	0
30	573	569	60-70	13.53	90-180	0	0	0
35	492	483	70-80	4.17	0-180	1357.97	61.7	100
40	416	399	80-90	2.98				
45	383	336	90-100	0				** Efficiency = 61.7% **
50	366	321	100-110	0				
55	318	306	110-120	0				
60	42	44	120-130	0				
65	9	9	130-140	0				
70	5	6	140-150	0				
75	4	4	150-160	0				
80	3	3	160-170	0				
85	2	3	170-180	0				
90	2	3						

COEFFICIENTS OF UTILIZATION												
Ceiling	80%				70%		50%		30%		0	
Wall	70	50	30	10	50	10	50	10	50	10	50	10
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%											
Room Cavity Ratio	0	73	73	73	73	72	72	69	69	66	66	62
	1	69	67	65	63	65	62	63	60	61	58	55
	2	64	60	57	54	59	54	57	52	55	51	49
	3	59	54	50	47	53	47	52	46	50	45	43
	4	55	49	44	41	48	41	47	40	45	40	38
	5	51	44	40	36	44	36	42	36	41	35	34
	6	48	40	36	32	40	32	39	32	38	34	31
	7	44	37	32	29	36	29	35	28	35	31	28
	8	41	34	29	26	33	26	33	26	32	28	26
	9	39	31	27	23	31	23	30	23	30	26	23
	10	36	29	24	21	29	21	28	21	27	24	21

Determined In Accordance With Current IES Published Procedures  
Luminaire Input Watts = 33.0

## 100W ED-17 COATED METAL HALIDE, LUMEN RATING = 7900 LMS, CL FINISH TRIM



Candlepower Distribution	0			45	90
	0	45	90		
0	1959	1959	1959		
5	2033	1948	1955		
10	2142	1913	1870		
15	2120	1880	1842		
20	2044	1835	1780		
25	2160	1732	1713		
30	1997	1687	1673		
35	1826	1587	1577		
40	1588	1403	1386		
45	1432	1206	1159		
50	1203	1027	1005		
55	1087	944	896		
60	215	178	167		
65	41	37	46		
70	30	24	13		
75	10	31	12		
80	12	21	24		
85	10	12	9		
90	16	13	7		

Single Unit Data 100W 1101HCLHD		
Height to Lighted Plane	Initial Footcandles	Beam Diameter
8'	30	11'
10'	20	14'
12'	14	17'
14'	10	20'

Multiple Unit Data - RCR 2		
Spacing On Ctr.	Avg. Initial Footcandles	Watts/ Sq. Ft.
6'	106	2.97
8'	74	2.06
10'	47	1.32

38'x38'x10' Room, Workplane 2 1/2' above floor, 80/50/20% Reflectances

Zonal Lumens And Percentages		
Zone	Lumens	%Luminaire
0-30	1571	36.0%
0-40	2593	59.0%
0-60	4289	98.0%
0-90	4382	100.0%

Coefficients Of Utilization												
Ceiling	80%				70%		50%		30%		0	
Wall	70	50	30	10	50	10	50	10	50	10	50	10
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%											
Room Cavity Ratio	0	66	66	66	66	64	64	62	62	59	59	55
	1	62	60	58	56	59	56	56	54	54	52	50
	2	57	54	51	48	53	48	51	47	49	46	44
	3	53	48	45	42	48	41	46	41	45	40	38
	4	49	44	39	36	43	36	42	36	40	35	34
	5	46	39	35	32	39	32	38	31	37	31	30
	6	42	36	31	28	35	28	34	28	33	28	26
	7	39	33	28	25	32	25	31	25	31	25	24
	8	37	30	26	23	29	22	29	22	28	22	21
	9	34	27	23	20	27	20	26	20	26	20	19
	10	32	25	21	19	25	18	25	18	24	18	17

Determined In Accordance With Current IES Published Procedures  
Luminaire Input Watts = 33.0

Trim/Frame: 1101HCLHD  
Lamp Lumens: 7900 lm  
Input Watts: 119W  
Efficiency: 56.00 %  
Spacing Criterion (0-180): 1.42  
Spacing Criterion (90-270): 1.28

<b>Job Information</b>	<b>Type:</b>
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