

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

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

Reflector Trim	Frame-In Kit — See Individual Frame-In Kit Specification Sheets			
<b>1176</b> Black Baffle White Flange  <b>1176 WH</b> White Baffle White Flange	Incandescent			
	Frame-In Kit	Installation Type	Lamping	Height
	<b>1102P1</b>	Non-IC	100W A19	7 1/2"
	<b>1103R</b>	Non-IC Remodeler	150W PAR38, BR40	7 1/2"
	<b>1100IC</b>	IC	40W A19	7 5/16"
	<b>1100AICM</b>	AirSeal® IC	90W PAR38	7 5/16"
	<b>1100DICM</b>	Deep IC	100W BR40	9 1/4"
	<b>1100DAICM</b>	Deep AirSeal® IC		9 1/4"
	<b>1104ICX/N</b>	AirSeal® IC	52W A19 90W BR40, PAR38	7 1/4"
	<b>1104IC/N</b> <b>1104ICR</b>	AirSeal® IC IC Remodeler	40W A19 65W BR30, BR40	7 1/2" 7 1/2"
	<b>1104IC/N</b> <b>1104ICR</b>	Non-IC Non-IC Remodeler	60W A19 90W PAR38 85W BR30 120W BR40	7 1/2" 7 1/2"

## Features

- Reflector:** Hydroformed aluminum, .040" thick (18 ga.); non-yellowing, scuff-resistant Perma White finish with 88% reflectance; white trim flange.
- Step Baffle:** Molded high-heat phenolic. Stepped conical surface for low brightness; matte black or gloss white finish.
- Frame-In Kit:** (1102P1 standard frame shown). Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.

## Labels

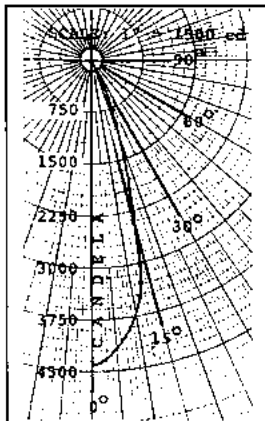
UL (Suitable for Damp Locations), I.B.E.W.

# 1176 Lytecaster Reflector 6 3/4"

Basic White Trim

SPACING RATIO = 0.5

CERTIFIED TEST REPORT NO. 25371  
COMPUTED BY INDEPENDANT TESTING LABORATORIES, INC  
RECESSED LYTECASTER DOWNLIGHT  
5 5/16" DIA. APERTURE, MATTE BLACK STEP BAFFLE  
ONE 150W PAR38 FLOOD LAMP, LUMEN RATING = 1825 LMS.



CANDLEPOWER SUMMARY		
ANGLE	MEAN CP	LUMENS
0	4403	
5	4175	397
15	2509	710
25	650	301
35	147	82
45	8	6
55	0	0
65	0	0
75	0	0
85	0	0
90	0	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1407	77.10	93.50
0-40	1500	82.20	99.60
0-60	1506	82.50	100.00
0-90	1506	82.50	100.00
90-180	0	.00	.00
0-180	1506	82.50	100.00

\*\* EFFICIENCY = 82.5% \*\*

DATE: MARCH 4, 1980  
PREPARED FOR:  
LIGHTOLIER, SECAUCUS N.J.

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES  
THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

## COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.94	.92	.91	.93	.91	.90	.89	.88	.87	.86	.85	.84	.83	.82	.82	.81
2	.90	.88	.86	.89	.87	.85	.86	.85	.83	.84	.83	.82	.82	.81	.80	.79
3	.87	.85	.83	.86	.84	.82	.84	.82	.81	.82	.81	.80	.81	.79	.78	.77
4	.84	.82	.79	.84	.81	.79	.82	.80	.78	.81	.79	.77	.79	.78	.77	.76
5	.82	.79	.77	.81	.78	.76	.80	.77	.76	.79	.77	.75	.78	.76	.75	.74
6	.80	.77	.75	.79	.76	.74	.78	.76	.74	.77	.75	.74	.76	.75	.73	.72
7	.77	.74	.72	.77	.74	.72	.76	.74	.72	.75	.73	.72	.75	.73	.71	.71
8	.75	.72	.70	.75	.72	.70	.74	.72	.70	.74	.71	.70	.73	.71	.69	.69
9	.73	.71	.69	.73	.70	.68	.73	.70	.68	.72	.70	.68	.71	.69	.68	.67
10	.72	.69	.67	.71	.69	.67	.71	.68	.67	.70	.68	.66	.70	.68	.66	.66

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 150W PAR38 FL: White, C.U. x 1.15. 150W BR40 FL: Black, C.U. x 1.0; White, C.U. x 1.15.

To convert lighting data for a lower wattage incandescent lamp of the **same type**, multiply the footcandle (or candlepower) values by the ratio of the lumens of the two lamps. The coefficients of utilization remain the same.



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