

Complete fixture consists of Reflector Trim & Frame-in Kit. Select each separately

Reflector Trim	Frame-in Kit	Lamp		
1005CL Specular Clear Alzak®	LED	1001LED09N271-CDN 900 lms, 2700k		
		1001LED09N271- 900 lms, 2700k		
		1001LED09N27D1-CDN 900 lms, 2700k		
		1001LED09N351-CDN 900 lms, 3500k		
		1001LED09N351- 900 lms, 3500k		
		1001LED09N35D1-CDN 900 lms, 3500k		
1005BA Specular Black Alzak®	LED	1002 75W A19, 75W BR30, 75W PAR30		
		1003RS 75W A19, 85W BR30, 75W PAR30		
		1000IC 75W PAR30 65W BR30 40W A19		
		1004ICN 85W BR30, 75W PAR30, 60W A19		
		1004ICN 65W BR30, 60W BR30 (for BA), 50W PAR30		
		1004ICRS 85W BR30, 75W PAR30, 60W A19		
		1004ICRS 65W BR30, 60W BR30 (for BA), 50W PAR30		
		1004ICXN 85W BR30, 75W PAR30, 60W A19		
		1001F13U 1-13 QT/TTT		
		1001F13-347 1-13 QT/TTT		
		1001F18U 1-18 TTT		
		1001F18-347 1-18 TTT		
1005CD Comfort Clear Diffuse	INC	1001FR18U 1-18 TTT		
		1001FR18-347 1-18 TTT		
		1004F13ESN 1-13 QT/TTT		
		1004F18ESN 1-18 TTT		
		1004F26ESN 1-26 TTT		
		1004F13ESR 1-13 QT/TTT		
		1004F18ESR 1-18 TTT		
		1004F26ESR 1-26 TTT		
		1001F13ICUN 1-13 QT/TTT		
		1001F18ICUN 1-18 TTT		
		1005BA Specular Black Alzak®	CFL	1001HIDP20U 20/22W PAR20, PAR30L
				1001HIDP20-347 20/22W PAR20, PAR30L
1001HIDP39U 39W PAR20, PAR30L				
1001HIDP39-347 39W PAR20, PAR30L				
1001HIDP70U 70W PAR30L				
1001HIDP70-347 70W PAR30L				

Features

Reflector: Hydroformed aluminum, .032" thick ; Anobrite (anodic-processed) semi-specular finish for permanent reflectivity; white trim flange.
Cone: Hydroformed aluminum, .080" thick.

Accessories

1957 Wide Flange Ring
1967B 2" (51mm). Thick Ceiling Adaptor

Frame-in Kit

See Frame-In Kit specification sheets for more details.

Finish

All painted finishes are baked powder or enamel.

Markings

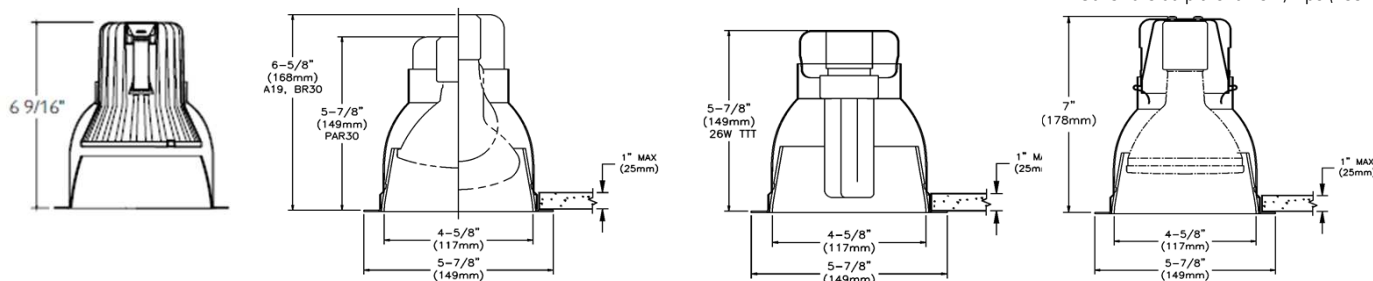
cULus listed, suitable for damp locations.

Canlyte

www.canlyte.com
3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	





Le luminaire complet comprend la garniture et le cadre de montage : choisir chacun séparément.

Garniture	Cadre de montage	Lampe
1005CL Alzak® spéculaire incolore	LED	1001LED09N271-CDN 900 lms, 2700k
		1001LED09N271-347CDN 900 lms, 2700k
		1001LED09N27D1-CDN 900 lms, 2700k
		1001LED09N351-CDN 900 lms, 3500k
		1001LED09N351-347CDN 900 lms, 3500k
1005BA Alzak® spéculaire noir	LED	1001LED09N351-347CDN 900 lms, 3500k
		1001LED09N35D1-CDN 900 lms, 3500k
1005CD Comfort clear diffus	INC	1002 75W A19, 75W BR30, 75W PAR30
		1003RS 75W A19, 85W BR30, 75W PAR30
		1000IC 75W PAR30 65W BR30 40W A19
		1004ICN 85W BR30, 75W PAR30, 60W A19
		1004ICN 65W BR30, 60W BR30 (pour BA), 50W PAR30
		1004ICRS 85W BR30, 75W PAR30, 60W A19
		1004ICRS 65W BR30, 60W BR30 (pour BA), 50W PAR30
		1004ICXN 85W BR30, 75W PAR30, 60W A19
		1001F13U 1-13 QT/TTT
		1001F13-347 1-13 QT/TTT
CFL	1001F18U 1-18 TTT	
	1001F18-347 1-18 TTT	
	1001FR18U 1-18 TTT	
	1001FR18-347 1-18 TTT	
	1004F13ESN 1-13 QT/TTT	
	1004F18ESN 1-18 TTT	
	1004F26ESN 1-26 TTT	
	1004F13ESR 1-13 QT/TTT	
	1004F18ESR 1-18 TTT	
	1004F26ESR 1-26 TTT	
	1001F13ICUN 1-13 QT/TTT	
	1001F18ICUN 1-18 TTT	
HID	1001HIDP20U 20/22W PAR20, PAR30L	
	1001HIDP20-347 20/22W PAR20, PAR30L	
	1001HIDP39U 39W PAR20, PAR30L	
	1001HIDP39-347 39W PAR20, PAR30L	
	1001HIDP70U 70W PAR30L	
	1001HIDP70-347 70W PAR30L	

Caractéristiques

Réflecteur : aluminium hydroformé, .032 po d'épaisseur ; fini Anobrite (processus anodique) semi-spéculaire pour une grande réflectivité; bordure de garniture fini blanc.

Cône : aluminium Hydroformé .080" épaisseur.

Cadre de Montage

Pour les caractéristiques des cadres de montage, voir les fiches techniques appropriées.

Fini

Tous les finis peints sont en poudre ou en émail cuit.

Marquage

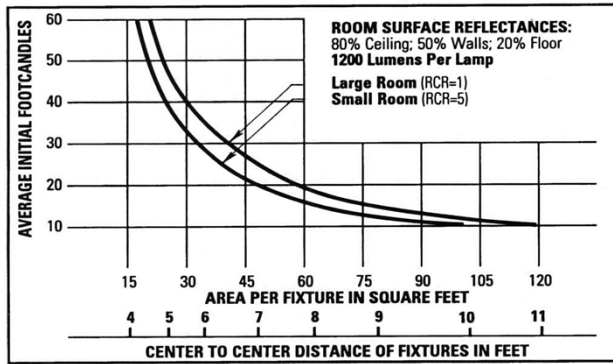
Homologué cULus ; convient aux endroits humides.

Accessoires

1957
1967B

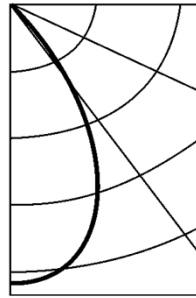
Bordure large
Kit de plafond de 2 po (51mm) max.

Information Projet	Type:
Nom Projet:	
No. Cat.:	
Lampe(s):	
Notes:	



Use quick calculator chart to determine the spacing of 75 Watt PAR30 FL units (Black) for a desired level of illumination. Conversion Factors: 75W PAR30 FL, White, F.C. x 1.1.

Lytecaster LED 5" opening



ANGLE	MEAN CP
0	1046
5	1041
10	998
15	901
20	751
25	565
30	366
35	205
40	94
45	44
50	24
55	11
60	6
65	4
70	4
75	4
80	2
85	3
90	2

Catalog No: 1001LED09N271/1005CL

Report No.:	4110FR
Total Fixture Lumens:	792 lm (3500K = 882 lm)
Color Temp:	2700K
Input Watts:	19W
Luminaire Efficacy	42 lm/w (3500K = 50 lm/w)
Spacing Criterion:	0.84
CRI	82

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS
0-30	602
0-40	732
0-60	781
0-90	792

Single Unit Data

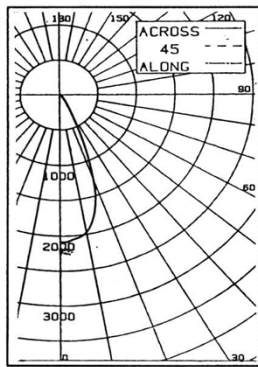
Height to Lighted Plane	Initial Center Beam Foot-Candles	Beam Diameter*
6'	29	5
7'	21	6
8'	16	7

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

Multiply Footcandles by 1.1 for 3500K LED

SPACING RATIO = 0.7

CERTIFIED TEST REPORT NO. 1868
COMPUTED BY LSI PROGRAM **TEST-LITE**
RECESSED LYTECASTER DOWNLIGHT
4 5/8" DIA. APERTURE, BLACK STEP BAFFLE
ONE 75W PAR30 FLOOD LAMP, LUMEN RATING = 1275 LMS.



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	2087	
5	2051	196
10	1972	
15	1721	463
20	1233	
25	843	303
30	293	
35	155	104
40	95	
45	54	40
50	15	
55	2	3
60	1	
65	1	1
70	1	
75	1	1
80	1	
85	1	1
90	1	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	962	75.48	86.56
0-40	1066	83.63	95.90
0-60	1109	87.01	99.78
0-90	1111	87.20	100.00
40-90	45	3.57	4.10
60-90	2	.19	.22
90-180	0	.00	.00
0-180	1111	87.20	100.00

** EFFICIENCY = 87.2% **

DATE: AUGUST 3, 1988
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 - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80			70			50			0		
	70	50	30	70	50	30	50	30	10	0	0	
0	102	102	102	99	99	99	95	95	95	88	88	
1	97	95	93	95	93	91	89	88	86	80	80	
2	92	88	85	91	87	84	84	82	79	75	75	
3	86	83	78	86	81	78	79	76	73	70	70	
4	84	77	73	82	76	72	75	71	68	65	65	
5	80	73	68	78	72	67	70	67	63	61	61	
6	76	69	64	75	68	63	67	63	59	57	57	
7	72	65	60	71	64	59	63	59	56	54	54	
8	69	61	56	68	61	56	60	56	53	51	51	
9	66	58	53	65	58	53	57	53	50	48	48	
10	63	55	50	62	55	50	54	50	47	46	46	

Multiply calculated footcandles by 1.1 for 3500K LED

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	80						70						50						30						10						0					
	% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE			% WALL REFLECTANCE					
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10						
1	.99	.97	.96	.97	.95	.94	.93	.92	.91	.90	.89	.88	.87	.87	.86	.85	.85	.84	.83	.81	.80	.80	.79	.78	.77	.77	.75	.74	.73	.72	.72	.70	.69			
2	.94	.92	.89	.93	.90	.89	.90	.88	.87	.88	.86	.85	.85	.84	.83	.81	.80	.79	.78	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64				
3	.90	.87	.85	.89	.87	.84	.87	.85	.83	.85	.83	.82	.83	.82	.81	.80	.79	.78	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64					
4	.87	.84	.81	.86	.83	.81	.84	.82	.80	.83	.81	.79	.81	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62					
5	.84	.80	.77	.83	.79	.77	.81	.79	.76	.80	.78	.76	.79	.77	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62	.61	.60	.59					
6	.81	.77	.75	.80	.77	.74	.79	.76	.74	.78	.75	.74	.77	.75	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62	.61	.60	.59	.58	.57					
7	.78	.74	.72	.77	.74	.71	.76	.73	.71	.75	.73	.71	.74	.72	.70	.69	.68	.67	.66	.65	.64	.63	.62	.61	.60	.59	.58	.57	.56	.55	.54					
8	.75	.71	.69	.74	.71	.69	.74	.71	.69	.73	.70	.68	.72	.70	.68	.67	.66	.65	.64	.63	.62	.61	.60	.59	.58	.57	.56	.55	.54	.53	.52					
9	.72	.69	.66	.72	.69	.66	.71	.68	.66	.71	.68	.66	.70	.67	.66	.65	.64	.63	.62	.61	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50					
10	.70	.67	.64	.70	.67	.64	.69	.66	.64	.69	.66	.64	.68	.65	.63	.62	.61	.60	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49	.48	.47					

20% FLOOR CAVITY REFLECTANCE

Conversion Factor: 75W PAR30 FL; White, C.U. x 1.1 65W BR30 FL; Black, C.U. x .75; White, C.U. x 1.0.



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