

Complete Fixture consists of Decorative Element, Reflector Trim, Installation Ring and Gear Harness. Each sold separately.

4 Piece Ordering System, Example: D4A01CE + 8011CL + C4XRM + BKFEU18

Compact Fluorescent

Decorative Element	Reflector Trim	Installation Ring	Gear Harness	Lamp Data	Dimensions		
					A	B	C
D4A01CE	8011CL	C4XRM Matte White	BKFEU18	18W Triple Tube	95mm	152mm	44mm
D6A01CE	8021CL	C6XRM Matte White	BKFEU26-32	26 or 32W Triple Tube	117mm	191mm	48mm
D7A01CE	8022CL	C7XRM Matte White	BKFEU26-42	26, 32 or 42W Triple Tube	140mm	229mm	51mm

Metal Halide

Decorative Element	Reflector Trim	Installation Ring	Gear Harness	Lamp Data	Dimensions		
					A	B	C
D4A01CE	C4T4VWCL	C4XRM Matte White	BKT4U39	CDM-TC G8.5 39W	95mm	152mm	44mm
D6A01CE	C6T6VWCL	C6XRM Matte White	BKT6U39	CDM-T G12 39W	117mm	191mm	48mm

Low Voltage

Decorative Element	Reflector Trim	Installation Ring	Gear Harness	Lamp Data	Dimensions		
					A	B	C
D4A01CE	C4MRDVCLEXP	C4XRM Matte White	TKEU75	MR16 12v GU5.3 50W Max	95mm	152mm	44mm

Features

- Decorative Element:** Solid high temp, UV resistant composite with open aperture. Interior diameter is frosted. Polished exterior.
- Aluminum Insert:** Satin Aluminum ring is mechanically inserted in composite to create drama and intrigue in the element.
- Die Cast Construction Ring:** Exterior edge of construction ring is visible, satin aluminum finish matches diameter of decorative element for a flangeless appearance.
- Reflector:** Use Specular Clear (CL) finish for best performance and aesthetics. ORDER SEPARATELY. See separate specification sheet for details.
- Installation Ring:** Cast aluminum ring is painted and has two 17ga. stainless steel springs that engage in upright position during installation. One touch snap action secures ring in ceiling cutout. ORDER SEPARATELY. See separate specification sheet for details.
- Gear Harness:** Electronic 240V, 50/60V Hz transformer (not shown) with lamp socket, socket cup, and wiring harness. ORDER SEPARATELY. See separate specification sheet for details.

Certifications and Ratings



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

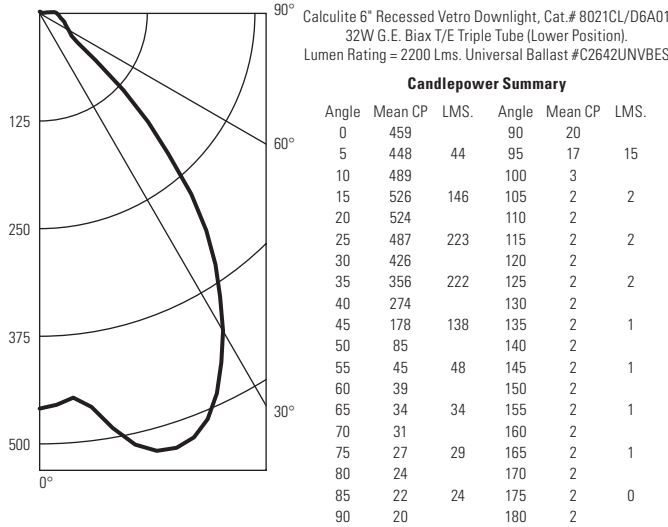
Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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8021CL-D6A01



Coefficients of Utilization																		
Ceiling	80%			70%			50%			30%			10%					
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.50	.50	.50	.50	.49	.49	.49	.49	.46	.46	.46	.44	.44	.44	.42	.42	.42	.41
1	.47	.46	.44	.43	.46	.45	.43	.42	.42	.42	.41	.41	.40	.39	.39	.38	.38	.37
2	.44	.42	.40	.38	.43	.41	.39	.37	.39	.38	.36	.38	.36	.35	.36	.35	.34	.34
3	.41	.38	.36	.34	.40	.37	.35	.33	.36	.34	.33	.35	.33	.32	.34	.33	.31	.31
4	.39	.35	.33	.30	.38	.35	.32	.30	.34	.31	.30	.33	.31	.29	.32	.30	.29	.28
5	.37	.33	.30	.28	.36	.32	.29	.27	.31	.29	.27	.30	.28	.27	.29	.28	.26	.26
6	.35	.30	.27	.25	.34	.30	.27	.25	.29	.26	.25	.28	.26	.24	.27	.26	.24	.23
7	.32	.28	.25	.23	.32	.27	.25	.23	.27	.24	.22	.26	.24	.22	.25	.23	.22	.21
8	.30	.26	.23	.21	.30	.25	.23	.21	.25	.22	.20	.24	.22	.20	.24	.22	.20	.19
9	.28	.24	.21	.19	.28	.23	.21	.19	.23	.20	.19	.22	.20	.18	.22	.20	.18	.18
10	.27	.22	.19	.17	.26	.22	.19	.17	.21	.19	.17	.21	.18	.17	.20	.18	.17	.16

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

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	413	18.77	44.29
0-40	634	28.84	68.05
0-60	820	37.32	88.03
0-90	907	41.26	97.35
40-90	273	12.42	29.30
60-90	86	3.95	9.31
90-180	24	1.12	2.65
0-180	932	42.39	100.00

Luminaire Summary - CD. / SQ. M.

Angle	Mean CD/SQ M
45	13825
55	4359
65	4460
75	5694
85	13872

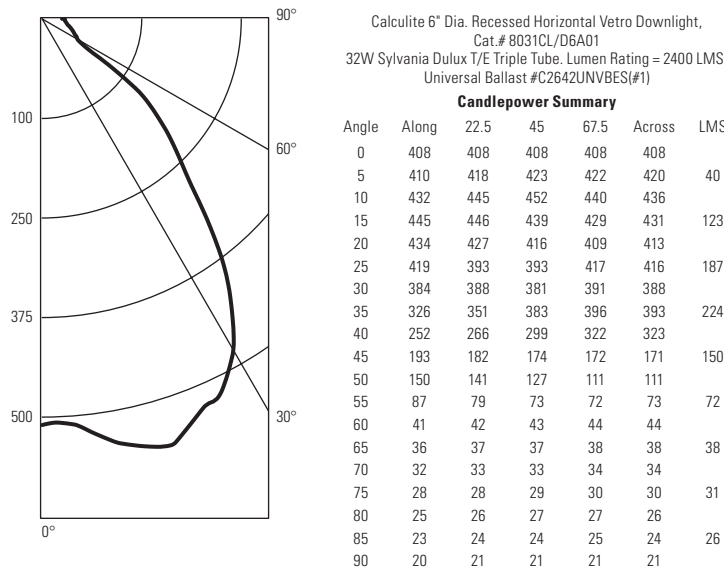
Certified test report# 3494FR
Computed by LSI program **TEST-LITE**
SC = 1.0

** Efficiency = 42.4% **

Prepared For:
Lightolier
Fall River, MA

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

8031CL-D6A01



Coefficients of Utilization																		
Ceiling	80%			70%			50%			30%			10%					
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.44	.44	.44	.44	.43	.43	.43	.43	.41	.41	.41	.40	.40	.40	.38	.38	.38	.37
1	.41	.40	.39	.37	.40	.39	.38	.37	.37	.37	.36	.36	.35	.35	.35	.34	.34	.33
2	.39	.36	.34	.33	.38	.36	.34	.32	.34	.33	.32	.33	.32	.31	.32	.31	.30	.30
3	.36	.33	.31	.29	.35	.32	.30	.29	.31	.30	.28	.31	.29	.28	.30	.28	.27	.27
4	.34	.30	.28	.26	.33	.30	.28	.26	.29	.27	.25	.28	.26	.25	.27	.26	.25	.24
5	.32	.28	.25	.23	.31	.27	.25	.23	.27	.24	.23	.26	.24	.23	.25	.24	.22	.22
6	.30	.26	.23	.21	.29	.25	.23	.21	.25	.22	.21	.24	.22	.20	.23	.22	.20	.20
7	.27	.23	.21	.19	.27	.23	.20	.19	.22	.20	.18	.22	.20	.18	.22	.20	.18	.18
8	.26	.21	.19	.17	.25	.21	.19	.17	.21	.18	.17	.20	.18	.17	.20	.18	.16	.16
9	.24	.20	.17	.15	.23	.19	.17	.15	.19	.17	.15	.19	.16	.15	.18	.16	.15	.14
10	.22	.18	.15	.14	.22	.18	.15	.13	.17	.15	.13	.17	.15	.13	.17	.15	.13	.13

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 36.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	350	14.60	39.31
0-40	574	23.92	64.42
0-60	796	33.19	89.37
0-90	891	37.14	100.00
40-90	317	13.22	35.58
60-90	94	3.95	10.63
90-180	0	.00	.00
0-180	891	37.14	100.00

Certified test report no. 3533FR
Computed by LSI program **TEST-LITE**
SC(Along) = 1.3, SC(Across) = 1.5

Prepared For:
Lightolier
Fall River, MA

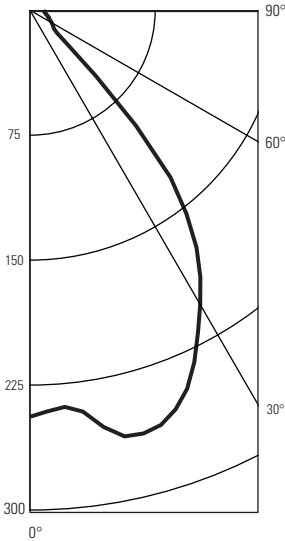
** Efficiency = 37.1% **

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Job Information **Type:**

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8011CL-D4A01



Calculite 4" Vetro Downlight, Cat.# 8011CL D4A01
18W G.E. Biax T/E triple Tube. Lumen Rating = 1200 LMS.
Universal Ballast #C218UNVBES

Candlepower summary

Angle	Mean CP	Lumens
0	244	
5	239	23
10	254	
15	263	73
20	255	
25	233	107
30	204	
35	174	107
40	131	
45	56	51
50	21	
55	17	16
60	15	
65	13	13
70	12	
75	10	11
80	9	
85	9	10
90	8	

Coefficients of Utilization

Ceiling	80%			70%			50%			30%			10%						
	70	50	30	70	50	30	70	50	30	70	50	30	70	50	30				
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0				
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance = 20%																		
Room Cavity Ratio	0	.41	.41	.41	.40	.40	.40	.40	.38	.38	.38	.36	.36	.36	.35	.35	.35	.34	
	1	.39	.37	.36	.35	.38	.37	.36	.35	.35	.34	.34	.34	.33	.33	.33	.32	.32	.31
	2	.36	.34	.33	.32	.36	.34	.32	.31	.33	.32	.30	.32	.31	.30	.31	.30	.29	.29
	3	.34	.32	.30	.28	.34	.31	.30	.28	.30	.29	.28	.30	.28	.27	.29	.28	.27	.26
	4	.32	.30	.27	.26	.32	.29	.27	.26	.28	.27	.25	.28	.26	.25	.27	.26	.25	.24
	5	.31	.27	.25	.24	.30	.27	.25	.23	.26	.25	.23	.26	.24	.23	.25	.24	.23	.22
	6	.29	.26	.23	.22	.28	.25	.23	.22	.25	.23	.21	.24	.23	.21	.24	.22	.21	.21
	7	.27	.24	.21	.20	.27	.23	.21	.20	.23	.21	.20	.22	.21	.19	.22	.21	.19	.19
	8	.26	.22	.20	.18	.25	.22	.20	.18	.21	.19	.18	.21	.19	.18	.21	.19	.18	.17
	9	.24	.20	.18	.17	.24	.20	.18	.17	.20	.18	.16	.20	.18	.16	.19	.18	.16	.16
	10	.23	.19	.17	.15	.22	.19	.17	.15	.18	.16	.15	.18	.16	.15	.18	.16	.15	.14

Determined in Accordance With Current IES Published Procedures
Luminaire Input Watts = 23.0

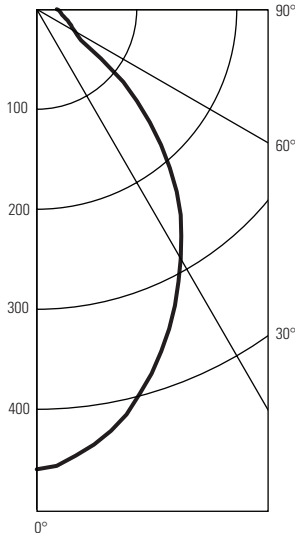
Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Luminaire	SC(Along) = 1.3, SC(Across) = 1.5
0-30	203	16.97	49.50	
0-40	311	25.92	75.59	Certified test report no. 3557FR
0-60	377	31.49	91.85	Computed by LSI program **TEST-LITE**
0-90	411	34.29	100.00	SC = 1.2
40-90	100	8.37	24.41	Prepared For:
60-90	33	2.79	8.15	Lightolier
90-180	0	.00	.00	Fall River, MA
0-180	411	34.29	100.00	

** Efficiency = 34.3% **

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

8091CL-D6A01



Calculite 6" Vetro Downlight, Cat.# 8091CL/D6A01 Opal Lens
32W Sylvania Dulux T/E Triple Tube. Lumen Rating = 2400 LMS.
Universal Ballast #C2642UNVBES(#1)

Candlepower Summary

Angle	Along	22.5	45	67.5	Across	LMS
0	460	460	460	460	460	
5	447	447	448	449	448	43
10	425	425	426	428	428	
15	393	394	396	398	398	112
20	356	357	360	363	364	
25	316	317	320	325	327	148
30	274	275	278	284	288	
35	231	232	237	245	251	150
40	188	189	194	204	207	
45	148	149	152	158	160	119
50	111	111	111	112	113	
55	50	50	51	53	54	58
60	42	42	43	44	44	
65	36	37	37	37	38	37
70	32	32	32	33	33	
75	28	28	28	28	28	30
80	25	25	25	25	25	
85	23	23	23	23	23	25
90	20	20	20	21	20	

Coefficients of Utilization

Ceiling	80%			70%			50%			30%			10%						
	70	50	30	70	50	30	70	50	30	70	50	30	70	50	30				
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0				
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																		
Room Cavity Ratio	0	.36	.36	.36	.36	.35	.35	.35	.35	.33	.33	.33	.32	.32	.32	.31	.31	.31	.30
	1	.33	.32	.31	.30	.33	.32	.31	.30	.30	.29	.29	.29	.28	.28	.28	.28	.27	.26
	2	.31	.29	.28	.26	.30	.29	.27	.26	.28	.26	.25	.27	.26	.25	.26	.25	.24	.24
	3	.29	.27	.25	.23	.28	.26	.24	.23	.25	.24	.23	.25	.23	.22	.24	.23	.22	.21
	4	.27	.25	.22	.21	.27	.24	.22	.21	.23	.22	.20	.23	.21	.20	.22	.21	.20	.19
	5	.26	.23	.20	.19	.25	.22	.20	.19	.22	.20	.18	.21	.20	.18	.21	.19	.18	.18
	6	.24	.21	.19	.17	.23	.20	.18	.17	.20	.18	.17	.20	.18	.17	.19	.18	.17	.16
	7	.22	.19	.17	.15	.22	.19	.17	.15	.18	.16	.15	.18	.16	.15	.18	.16	.15	.14
	8	.21	.18	.15	.14	.21	.17	.15	.14	.17	.15	.14	.17	.15	.14	.16	.15	.14	.13
	9	.20	.16	.14	.13	.19	.16	.14	.13	.16	.14	.13	.15	.14	.12	.15	.14	.12	.12
	10	.18	.15	.13	.11	.18	.15	.13	.11	.15	.13	.11	.14	.13	.11	.14	.12	.11	.11

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 38.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	% Luminaire	Certified test report no. 3517FR Computed by LSI program **TEST-LITE** SC = 1.0
0-30	302	12.61	41.97	
0-40	452	18.84	62.73	Prepared For:
0-60	629	26.21	87.25	Lightolier
0-90	721	30.04	100.00	Fall River, MA
40-90	268	11.20	37.27	
60-90	91	3.83	12.75	
90-180	0	.00	.00	
0-180	721	30.04	100.00	

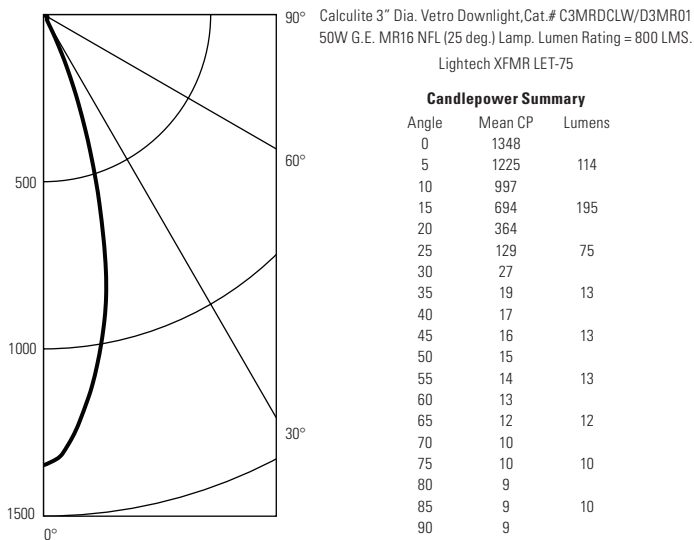
** Efficiency = 30.0% **

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Job Information Type:

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D3MR01-NFL



Ceiling	80%			70%			50%			30%			10%		
	70	50	30	70	50	30	70	50	30	70	50	30	70	50	30
Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%														
0	.68	.68	.68	.66	.66	.66	.63	.63	.63	.60	.60	.60	.58	.58	.58
1	.65	.63	.62	.63	.62	.61	.60	.59	.58	.58	.57	.56	.56	.55	.54
2	.62	.60	.58	.56	.55	.53	.54	.53	.52	.54	.52	.51	.53	.52	.50
3	.60	.57	.55	.53	.51	.49	.47	.45	.44	.44	.42	.41	.41	.40	.38
4	.58	.55	.53	.51	.48	.46	.44	.42	.41	.40	.38	.37	.36	.35	.34
5	.57	.53	.50	.49	.46	.44	.42	.40	.39	.38	.36	.35	.34	.33	.32
6	.55	.51	.49	.47	.44	.42	.40	.38	.37	.36	.34	.33	.32	.31	.30
7	.53	.50	.47	.46	.43	.41	.40	.37	.36	.35	.33	.32	.31	.30	.29
8	.52	.48	.46	.44	.41	.39	.38	.35	.34	.33	.31	.30	.29	.28	.27
9	.51	.47	.45	.43	.40	.38	.37	.34	.33	.32	.30	.29	.28	.27	.26
10	.50	.46	.44	.42	.39	.37	.36	.33	.32	.31	.29	.28	.27	.26	.25

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 52.0

Zone	Lumens	% Lamp	% Luminaire
0-30	384	48.02	84.55
0-40	397	49.63	87.38
0-60	422	52.78	92.92
0-90	454	56.80	100.00
40-90	57	7.17	12.62
60-90	32	4.02	7.08
90-180	0	.00	.00
0-180	454	56.80	100.00

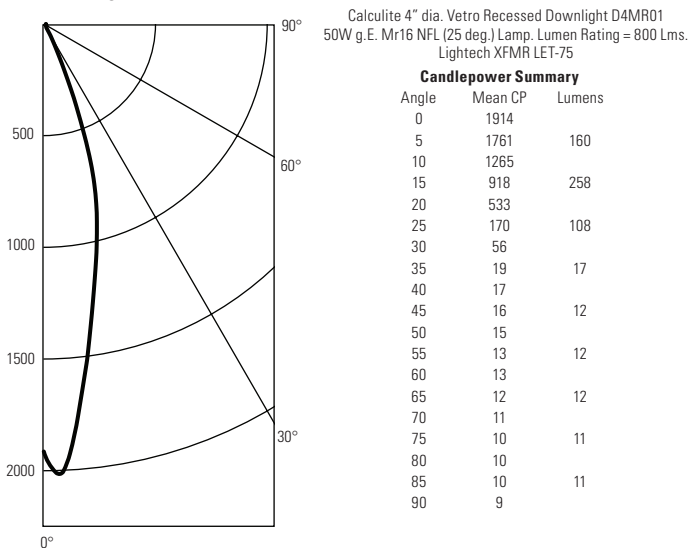
Certified test report no. 3562FR
Computed by LSI program **TEST-LITE**
SC = 0.5

Prepared For:
Lightolier
Fall River, MA

** Efficiency = 56.8% **

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

D4MR01-NFL



Ceiling	80%			70%			50%			30%			10%		
	70	50	30	70	50	30	70	50	30	70	50	30	70	50	30
Wall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%														
0	.89	.89	.89	.87	.87	.87	.83	.83	.83	.80	.80	.80	.77	.77	.75
1	.86	.84	.82	.81	.84	.83	.81	.80	.79	.78	.77	.77	.76	.75	.74
2	.83	.80	.78	.75	.81	.79	.76	.75	.74	.74	.73	.71	.72	.71	.70
3	.80	.76	.74	.71	.79	.75	.73	.71	.74	.72	.70	.69	.71	.69	.68
4	.78	.74	.71	.69	.77	.73	.70	.68	.72	.69	.67	.67	.69	.67	.66
5	.76	.71	.68	.66	.75	.71	.68	.66	.69	.67	.65	.65	.68	.66	.64
6	.74	.69	.66	.64	.73	.69	.66	.64	.68	.65	.63	.63	.66	.64	.62
7	.72	.67	.64	.62	.71	.67	.64	.62	.66	.63	.62	.62	.65	.63	.61
8	.70	.65	.62	.60	.69	.65	.62	.60	.64	.62	.60	.60	.63	.61	.59
9	.68	.64	.61	.59	.68	.63	.61	.59	.63	.60	.58	.58	.62	.60	.58
10	.67	.62	.59	.57	.66	.62	.59	.57	.61	.59	.57	.57	.61	.58	.56

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 52.0

Zone	Lumens	% Lamp	% Luminaire
0-30	525	65.64	87.50
0-40	542	67.81	90.38
0-60	566	70.87	94.46
0-90	600	75.02	100.00
40-90	57	7.22	9.62
60-90	33	4.16	5.54
90-180	0	.00	.00
0-180	600	75.02	100.00

Certified test report no. 3598FR
Computed by LSI program **TEST-LITE**
SC = 0.5

Prepared For:
Lightolier
Fall River, MA

** Efficiency = 75.0% **

Tested According to IES Procedures. Test Distance Exceeds Five Times the Greatest Luminous Opening of Luminaire.

Job Information **Type:**

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