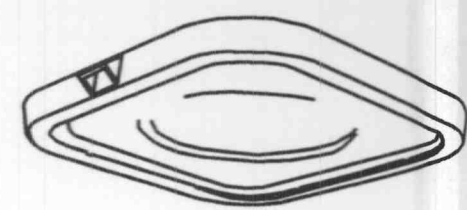
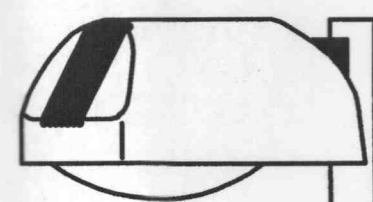


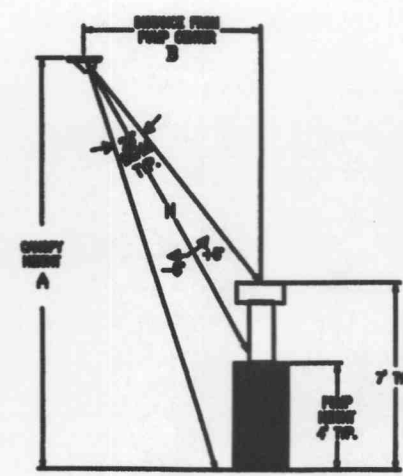
FOCUS



**FLAT LENS
ENCORE**



CHALLENGER



LAMP LAYOUT FOR 25' FLOOD

A	B	VERTICAL HEIGHT OF CENTER OF SUSPENSION TO CENTER OF FIXTURE	1	2	3	4	5	6	7	8	9	10
10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'
10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'
10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'
10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'
10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'

Numeric Summary							
Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
DISPENSER	Illuminance	Fc	53.09	74.3	33.8	1.57	2.20

Statistical Area Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
CANOPY	32.91	61.0	20.2	1.63	3.02
INSIDE CURB	7.86	38.1	0.2	39.30	190.50

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description	Total Watts
▶	10	A	SINGLE	6000	0.720	ECTA-SP-100-P-38-FD	129
▶	12	B	SINGLE	32000	0.720	ECTA-S-320-PSMV-F	370
▶	1	C	SINGLE	110000	0.720	CHV-FP-1000-MHR-CT 20' POLE SINGLE	1080
▶	2	D	D180	110000	0.720	CHV-FP-1000-MHR-CT 20' POLE D180	2160
▶	5	E	SINGLE	40000	0.720	CHV-FP-400-SMV-CT 20' POLE SINGLE	458

MAINTAINED FOOTCANDLE VALUES AT GRADE,
USING A .72 MAINTENANCE FACTOR.

1	08/02/06	erd
Rev.	Date	By
Revisions		

LSI INDUSTRIES
LIGHTING PROPOSAL FOR
WATERWAY GAS & WASH
O'FALLON, MO

SCALE: 1"=20'
DATE: 2-13-06
BY: BDB

LO-77864
SHEET 1 OF 1

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.

This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.