APPLICATION FOR
URBAN DESIGN COMMISSION
REVIEW AND APPROVAL

AGENDA	ITEM#	
Project #		

	Action Requested ★ Informational Presentation Initial Approval and/or Recommendation
UDC MEETING DATE:	Final Approval and/or Recommendation
PROJECT ADDRESS: 5714 ODANA ALDERMANIC DISTRICT: 19	A ROAD
OWNER/DEVELOPER (Partners and/or Principals)	ARCHITECT/DESIGNER/OR AGENT:
SMART MOTORS	K.F. SULLIVAN
	- K.F. SULLIVAN ST. 53713 VAN. COM
well as a fee) School, Public Building or Space (Fee may be rec	Urban Design District * (A public hearing is required as quired) of a Retail, Hotel or Motel Building Exceeding 40,000
(See Section B for:) New Construction or Exterior Remodeling in C4	District (Fee required)
(See Section C for:) R.P.S.M. Parking Variance (Fee required)	
(See Section D for:) Comprehensive Design Review* (Fee required) Street Graphics Variance* (Fee required)	
Other	
*Public Hearing Required (Submission Deadline 3 Week	
Where fees are required (as noted above) they apply with a project.	the first submittal for either initial or final approval of

F:\Plroot\WORDP\PL\UDC\Miscellaneous\udcreviewapprovalJune06.doc

nart Motors 208-000

Smart Motors

Building Demolition / New Lot 5714 Odana Road Madison, WI 53719



Date: April 30, 2008

Contents

DESCRIPTION OF PROJECT LOCATOR MAP EXISTING PHOTOS EXISTING SITE PLAN PROPOSED SITE PLAN SITE LIGHTING

Stamps & Approvals:



P.O. BOX 259463 1314 EMIL ST. 608-257-2289 MADISON, WI 53725-9463 FAX 608-257-2906 **www.kfsullivan.com**



TOYOTA



VOLVO

5901 Odana Road, Madison WI 53719 • Phone (608) 275-7808
Toll Free (877) 39-SMART • Fax (608) 275-7814 • www.smartmotors.com

Urban Design Commission

April 28, 2008

Dear Members,

The purpose of this letter is to request permission for the demolition of our building located at 5714 Odana Rd. The former U.W. Medical Building served as our temporary headquarters during the demolition and construction phases of our new facility across the street. This building, which was constructed in 1966, is the oldest on Odana Road (West of Whitney Way), has become quite dilapidated as seen in the attached photos. While there are numerous problems surrounding wiring, insulation, and heating, the greatest concern is the water system. Numerous failures over the years have created mold-ridden and water damaged areas, with the biggest problem being that the system is encased in the basic foundation of the structure. Coupled with the daunting challenge of bringing the facility up to current day code for our employees, our studies have shown us that it would be cost prohibitive to attempt a renovation or remodel to suit our future needs.

We therefore, ask your permission to demolish the building at 5714 Odana Road and construct an inventory display lot (per attached plans) as phase one of our project. Phase two (to be announced at a later date) is currently considering plans for constructing a new pre-owned sales facility utilizing this site.

This is a similar request to our first project in 2005-2006, where we demolished several buildings and relocated our inventory, employee and guest parking areas while undergoing a massive construction project. I believe our new facility, which the Urban Design Commission played a significant role in shaping, has met and hopefully even exceeded your expectations. You should be proud of the role you had in helping improve the landscape of Odana Road.

I hear comments daily assuring me that the residents of the City of Madison and Dane County as a whole appreciate the new Smart Motors. I mention this because I believe that over the past three years we have demonstrated by our actions that we honor our commitments. I am honored to own one of the oldest family owned and operated auto dealerships in the world, and appreciate your support in my continued effort.

Sincerely,

J.R. Smart President

Smart Motors, Inc.

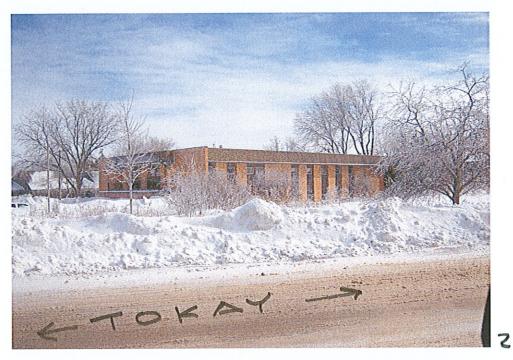
5714 odana 53719 - Google Maps

Page 1 of 1



http://maps.google.com/maps?hl=en&q=5714+odana+53719&ie=UTF8&ll=43.053524,-8... 4/25/2008











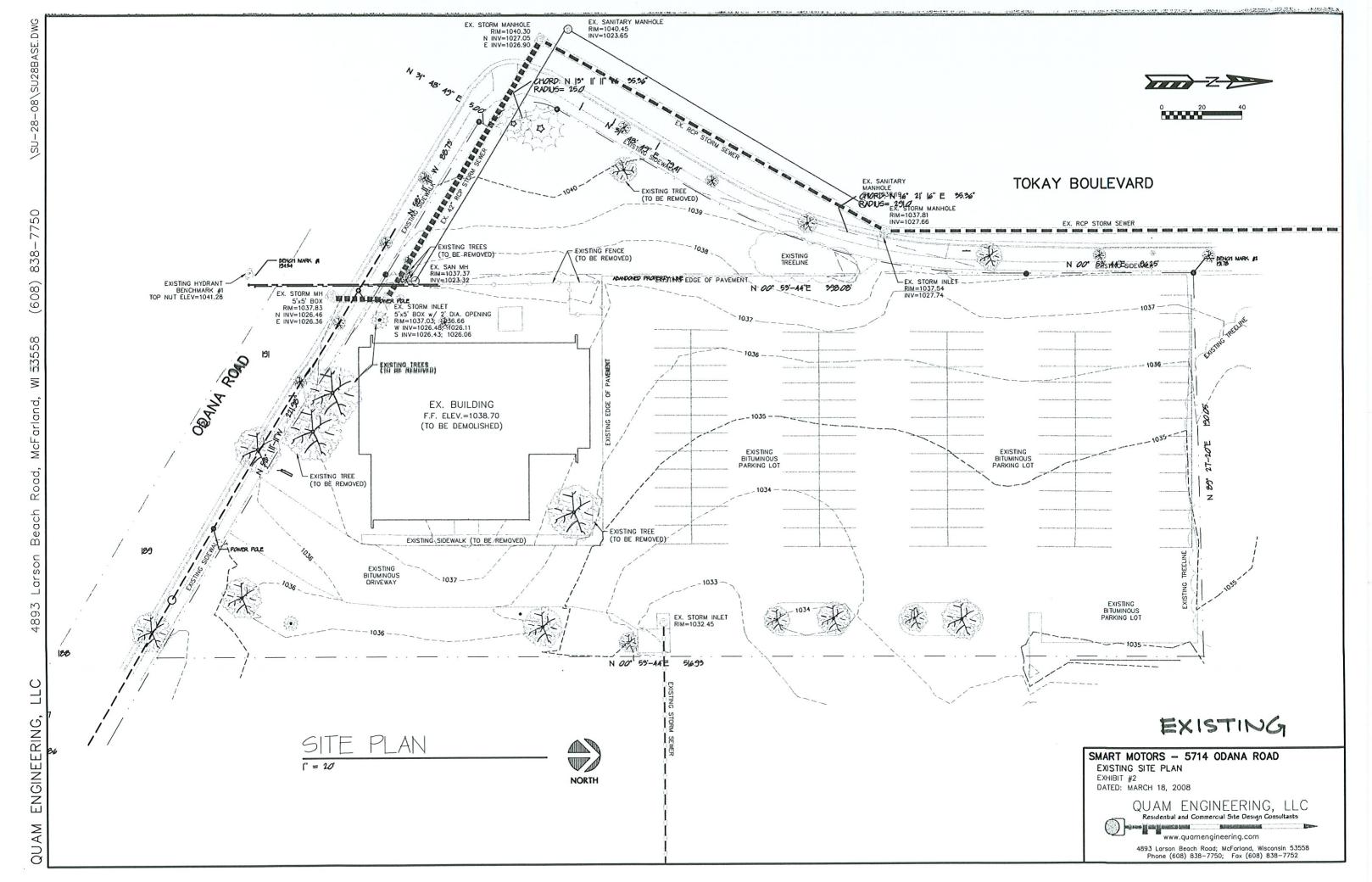
EXISTING INTERIOR

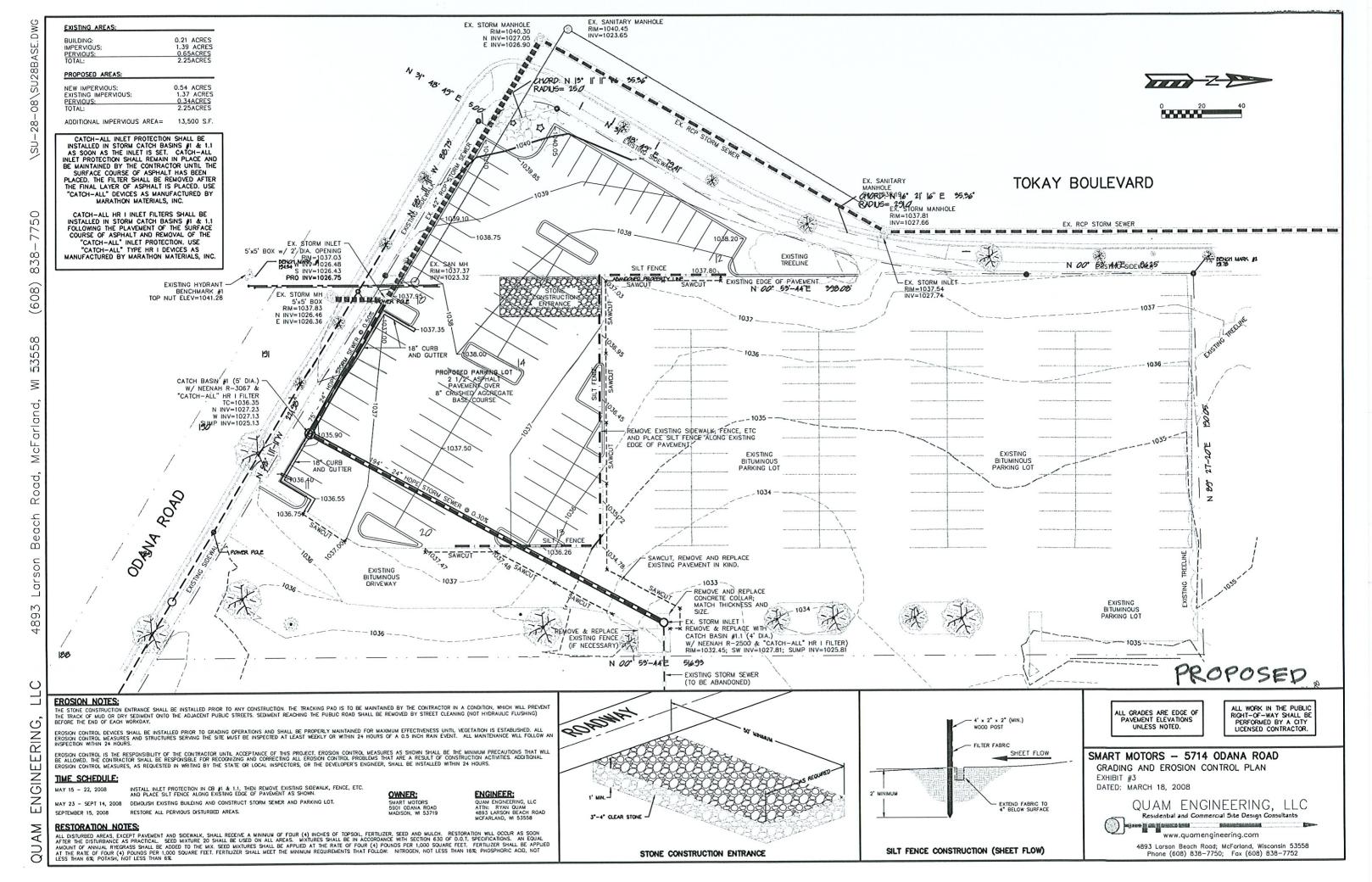


EXISTING INTERIOR



EXISTING



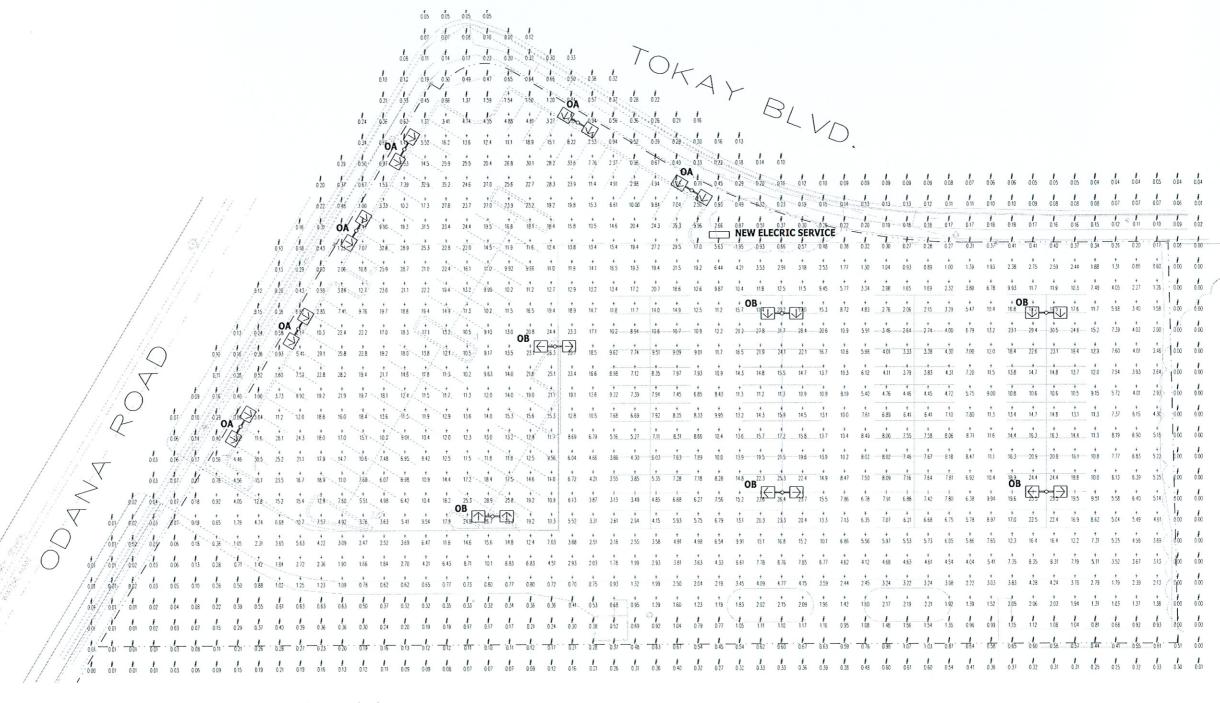


ODANA LOT

1

SMART MOTORS -5714 Odana Road Madison, WI 53719

L-1.0





1111 Z XII.

DESIGN CRITERIA

	LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NO.	DESCRIPTION	QUANTITY	LAMPS		
OA	KIM LSI	2B/STX4/1000MH CHH-FT-1000MHR-F-HSS	TWIN FORWARD THROW W/ EXTERNAL GLARE SHIELD 20' ROUND STEEL POLE ON 2' CONCRETE BASE ARROW INDICATES DIRECTION OF ROTATED OPTIC	6	M-1000 BT-37		
ОВ	KIM	2B/STX4/1000MH/HS CHH-FT-1000MHR-F-IL	TWIN FORWARD THROW WITH FLAT GLASS LENS 30' ROUND STEEL POLE ON 2' CONCRETE BASE ARROW INDICATES DIRECTION OF ROTATED OPTIC	6	M-1000 BT-37		

- 2. ALL POLE MOUNTED FIXTURES SHALL HAVE FULL CUT-OFF OPTICS WITH FLAT GLASS LENSES.

POINT BY POINT CALCULATION SUMMARY					
AREA NAME	AREA DESCRIPTION	AVERAGE	MAXIMUM	MINIMUM	
SALES LOT +	PARKING LOT FOR, VEHICLE SALES HORIZONTAL CALCULATION ON PAVEMENT VALUES LISTED ARE MAINTAINED FOOTCANDLES	10.8	35 3	0.6	



REVISIONS		

Smart Motors 5714 Odana Road Madison, WI 53719

2861 Index Road Madison WI 53713 608/271-2046 Fax 271-0160





Construction

DRAWN BY: RAR SCALE: T = 20°-0" DATE: 4/25/08 JOB NUMBER

E-0a SHEET

CHALLENGER® (Various reflectors are protected by U.S. Patent No. 6,464,378.)

HOUSING - Rectangular shaped, multi-radiused, one-piece, die-cast aluminum with cast mounting arm. All hardware is stainless steel or electro-zinc plated

DOOR FRAME - One-piece, die-cast aluminum door frame secures to the housing with two internal hinges. Two stainless steel captive door fasteners allow easy access. Door frame may be removed without tools. A one-piece extruded silicone gasket seals the door frame against the housing. The standard housing/door seal design prevents external contaminants from entering the Challenger, resulting in an IP65 rating for all versions.

LENS/GASKET - Contoured clear impact resistant glass lens for vertical lamp optics. A tempered flat clear glass lens or contoured clear impact resistant glass lens is offered for horizontal lamp optics. A one-piece extruded silicone gasket seals the lens to the die-cast aluminum door frame.

SOCKETS - Porcelain mogul-base sockets. All sockets are factory prewired with a disconnect plug for the ballast. All sockets are pulse-rated

LIGHT SOURCES - Pulse-Start Metal Halide, Super Metal Halide, Metal Halide, Metal Halide Reduced Envelope, or High Pressure Sodium. Clear lamp is supplied as standard.

BALLASTS - High-power factor ballast with removable/hinged ballast trav. Pulse-Start Metal Halide fixtures feature a Super CWA type ballast. Metal Halide, Super Metal Halide, and High Pressure Sodium fixtures feature a CWA type ballast. All ballasts are designed for -20° F operation. Optional Quick Connect package includes supply wiring plus modular plugs for easy ballast wiring.

REFLECTORS/DISTRIBUTION PATTERNS - Vertical Burn systems include: Type II (2), Type III (3), Type V (5), Perimeter Forward Throw (FP), Automotive Forward Throw (FA), and ART (Advanced Reflector Technology) optical systems: Automotive Forward Throw (AFT) and Automotive Interior (Al). Horizontal Burn systems include: Type III (3), Type V (5) and Forward Throw (FT). All reflectors are field-rotatable, enabling generous flexibility in distribution patterns, without fixture movement. Photometric data is tested in accordance with IESNA guidelines.

BRACKETS - Cast mounting arm is flat for square pole applications. Fixture may also be mounted to round poles using the round pole adaptor accessory (RPPC), which must be ordered separately. An extruded 6" arm extension is required for D90°, Q90°, T90° and TN 120° fixture configurations. A locking nut secures two through bolts and a reinforcing plate to the pole, stabilizing it for easy fixture mounting.

FINISHES - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, white, green, metallic silver,

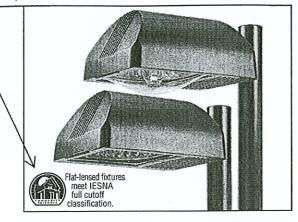
PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.







DIMENSIONS



6-1/2" 12" 28"	
2 3/8" \$\frac{1}{2} \frac{1}{2}	
Upsweep Bracket - BKU-BO-S-19 Weight 15lbs. E.P.A. = 0.4	

Cha	llenger	Cast F	Arm CT	With Exte	ension Arm CT
-83	Single	1.8	2.0	2.2	2.3
B8	D180°	3.7	4.1	4.3	4.6
9	D90°		Extension Arm Required		4.3
,J.,	T90°				6.5
40	TN120°	Requ			6.9
0±0	Q90°				8.6

Note: House Side Shield adds to fixture EPA. Consult factory.

SHIPPING WEIGHTS - Challenger									
Catalog Number	Est. Weight (lbs.)	Length (in.)	Width (in.)	Height (in.)					
CHV	86	34.5	23.75	18.25					
CHH	86	34.5	23.75	18.25					

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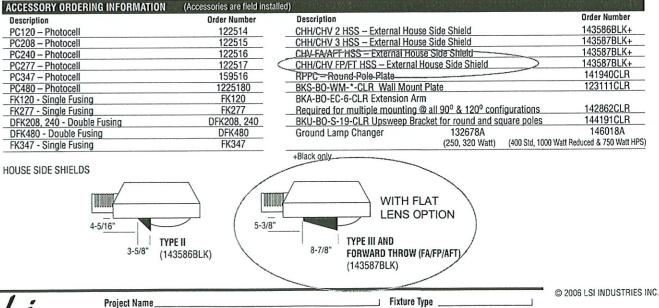
Li	Project Name	Fixture Type
Outdoor Lighting	Catalog #	

CHALLENGER®

LUMINAIRE ORDERING INFORMATION

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage ⁴	Luminaire Finish
Vertical Burn CHV	2-Type II 3-Type III 5 - Type V FP- Forward Throw Perimeter FA-Automotive Foward Throw	250 320 400 750 1000	PSMV – Pulse-Start Metal Halide 250, 320, 400, 750, 1000 ¹ Watt SMV – Super Metal Halide 400 Watt MH - Metal Halide 250, 400 Watt MHR – Metal Halide Reduced Envelope 1000 Watt	CT – Contoured Clear Impact-resistant Glass	480 MT - Multi Tap ⁵ TT - Tri-Tap ⁶	BRZ - Bronze BLK - Black PLP- Platinum Plus BUF - Buff WHT - White GRN - Green GPT - Graphite MSV - Metallic Silver
	Advanced Reflector Technology Optical Systems: AFT-Automotive Foward Throw Al-Automotive Interior	750 1000	HPS – High Pressure Sodium 250,400,750 ² Watt			
Horizontal Burn CHH	3 = Type III FT- Forward Throw 5 - Type V	250 320 400 750 1000	PSMH – Pulse-Start Metal Halide 320, 750, 1000 SMH – Super Metal Halide 250, 400 Watt MH – Metal Halide 250, 400 Watt MHR – Metal Halide Reduced Envelope 1000 Watt HPS – High Pressure Sodium	F - Flat Clear Tempered Glass CT - Contoured Clear Impact-resistant Glass ³		
			250, 400, 750 ² Watt			
CHV 5	1000	MH	IR CT MT	MSV	PCR	Options CR - Photoelectric Control
EXAMPLE OF A T	YPICAL ORDER				L	Receptacle ⁷ C - Quick Connect Package

- FOOTNOTES: 1- Tri-Tap not available in 1000 Watt PSMV. Voltage must be specified - 120V, 277V, or 347V.
- 2- When ordering 750 Watt High Pressure Sodium, voltage must be specified.
- 3- Use to match vertical appearance.
- 4- For international voltages, consult factory.
- 5- MT Multi Tap is shipped standard unless otherwise specified. Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 6- Tri-Tap is shipped standard for Canadian applications. Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for highest voltage. Alternate voltages will require field
- 7- Factory installed PCR requires field wiring to proper voltage. On QC version, PCR is factory pre-wired to highest voltage. Alternate voltages will require field re-wiring.
- Ground relamping option is available for CHV only. Maximum tool length 15 ft. See below for Ground Lamp Changer.





GR - Ground Relamping⁸

LL - Less Lamp

Catalog #

CHALLENGER® (Various reflectors are protected by U.S. Patent No. 6,464,378.)

HOUSING - Rectangular shaped, multi-radiused, one-piece, die-cast aluminum with cast mounting arm. All hardware is stainless steel or electro-zinc plated steel.

DOOR FRAME - One-piece, die-cast aluminum door frame secures to the housing with two internal hinges. Two stainless steel captive door fasteners allow easy access. Door frame may be removed without tools. A one-piece extruded silicone gasket seals the door frame against the housing. The standard housing/door seal design prevents external contaminants from entering the Challenger, resulting in an IP65 rating for all versions.

LENS/GASKET - Contoured clear impact resistant glass lens for vertical lamp optics. A tempered flat clear glass lens or contoured clear impact resistant glass lens is offered for horizontal lamp optics. A one-piece extruded silicone gasket seals the lens to the die-cast aluminum door frame.

SOCKETS - Porcelain mogul-base sockets. All sockets are factory prewired with a disconnect plug for the ballast. All sockets are pulse-rated.

LIGHT SOURCES - Pulse-Start Metal Halide, Super Metal Halide, Metal Halide, Metal Halide Reduced Envelope, or High Pressure Sodium. Clear lamp is supplied as standard.

BALLASTS - High-power factor ballast with removable/hinged ballast tray. Pulse-Start Metal Halide fixtures feature a Super CWA type ballast. Metal Halide, Super Metal Halide, and High Pressure Sodium fixtures feature a CWA type ballast. All ballasts are designed for -20° F operation. Optional Quick Connect package includes supply wiring plus modular plugs for easy ballast wiring.

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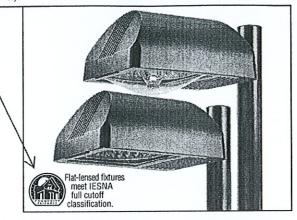
FINISHES - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, white, green, metallic silver, and graphite.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.



TYPE OB CHH-FT-1000-MHR-MT-F

DIMENSIONS



	28"
3-1/2"	
2 3/8" 51 2 1/2"	
Upsweep Bracket - BKU-BO-S-19 Weight 15lbs. E.P.A. = 0.4	

Challenger		Cas	t Arm	With Extension Arm		
0	anongo,	F	CT	F	CT	
-68	Single	1.8	2.0	2.2	2.3	
BB	D180°	3.7	4.1	4.3	4.6	
P-00	D90°			3.9	4.3	
. ⁹	T90°		on Arm	6.1	6.5	
-	TN120°	Requ	uired	6.3	6.9	
m-200	Q90°	T		7.7	8.6	

Note: House Side Shield adds to fixture EPA. Consult factory.

SHIPPING WEIGHTS - Challenger							
Catalog Number	Est. Weight (lbs.)	Length (in.)	Width (in.)	Height (in.)			
CHV	86	34.5	23.75	18.25			
CHH	86	34.5	23.75	18.25			

Project Name ☐ Fixture Type

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CHALLENGER®

LUMINAIRE ORDERING INFORMATION

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage ⁴	Luminaire Finish
Vertical Burn CHV	2-Type II 3-Type III 5 - Type V FP- Forward Throw Perimeter FA-Automotive Foward Throw	250 320 400 750 1000	PSMV – Pulse-Start Metal Halide 250, 320, 400, 750, 1000 ¹ Watt SMV – Super Metal Halide 400 Watt MH - Metal Halide 250, 400 Watt MHR – Metal Halide Reduced Envelope 1000 Watt	CT — Contoured Clear Impact-resistant Glass	480 MT - Multi Ta _l TT - Tri-Tap [©]	BRZ - Bronze BLK - Black PLP- Platinum Plus BUF - Buff WHT - White GRN - Green GPT - Graphite MSV - Metallic Silver
	Advanced Reflector Technology Optical Systems: AFT-Autormotive Foward Throw Al-Autormotive Interior	750 1000	HPS – High Pressure Sodium 250,400,750 ² Watt			
Horizontal Burn CHH	3 = Type-III FT- Forward Throw 5 - Type V	250 320 400 750 1000	PSMH – Pulse-Start Metal Halide 320, 750, 1000 SMH – Super Metal Halide 250, 400 Watt MH – Metal Halide 259, 400 Watt MHR – Metal Halide Reduced Envelope 1000 Watt HPS – High Pressure Sodium 250, 400, 750 ² Watt	F - Flat Clear Tempered Glass CT - Contoured Clear Impact-resistant Glass ³		·
CHV 5	5 1000	MH	IR CT MT	MSV	PCR	Options
EXAMPLE OF A	TYPICAL ORDER					PCR - Photoelectric Control Receptacle ⁷ QC - Quick Connect Package

FOOTNOTES:

- 1- Tri-Tap not available in 1000 Watt PSMV. Voltage must be specified 120V, 277V, or 347V.
- 2- When ordering 750 Watt High Pressure Sodium, voltage must be specified.
- 3- Use to match vertical appearance.
- 4- For international voltages, consult factory.
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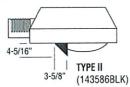
GR - Ground Relamping⁸

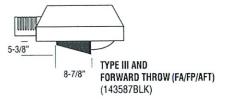
LL - Less Lamp

- 7- Factory installed PCR requires field wiring to proper voltage. On QC version, PCR is factory pre-wired to highest voltage. Alternate voltages will require field re-wiring.
- Ground relamping option is available for CHV only. Maximum tool length 15 ft. See below for Ground Lamp Changer.

ACCESSORY ORDERING INFORMATION	(Accessories are field installed		
Description	Order Number	Description	Order Number
PC120 - Photocell	122514	CHH/CHV 2 HSS – External House Side Shield	143586BLK+
PC208 - Photocell	122515	CHH/CHV 3 HSS – External House Side Shield	143587BLK+
PC240 - Photocell	122516	CHV FA/AFT HSS – External House Side Shield	143587BLK+
PC277 - Photocell	122517	CHH/CHV FP/FT HSS – External House Side Shield	143587BLK+
PC347 - Photocell	159516	RPPC – Round Pole Plate	141940CLR
PC480 - Photocell	1225180	BKS-BO-WM-*-CLR Wall Mount Plate	123111CLR
FK120 - Single Fusing	FK120	BKA-BO-EC-6-CLR Extension Arm	
FK277 - Single Fusing	FK277	Required for multiple mounting @ all 90° & 120° configurations	142862CLR
DFK208, 240 - Double Fusing	DFK208, 240	BKU-BO-S-19-CLR Upsweep Bracket for round and square poles	144191CLR
DFK480 - Double Fusing	DFK480	Ground Lamp Changer 132678A	146018A
FK347 - Single Fusing	FK347	(250, 320 Watt) (400 Std, 1000 Watt	Reduced & 750 Watt HPS)
		+Black only.	

HOUSE SIDE SHIELDS







oject Name	١	Fixture Type	
talog #		T.	

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LitePro

Photometric Data Summary

LUMINAIRE: CHH-1000- MHR-MT-F-IL [MANUFAC] LSI INDUSTRIES [TEST [LUMINAIRÉ] CHALLENGER SERIES BALLAST: BALLAST FACTOR: 1.00 LAMP: LUMENS PER LAMP: 107800 WATTS: 1080

CUTOFF TYPE: Full Cutoff RANGE CLASS: Very Short Range LUMINOUS OPENING IN FEET LENGTH: 0.00

1.5	ENGTH: 0.00							0012		_,		•	
	IDTH: 0.00					13	35	150	165	180	165	150	135
	EIGHT: 0.00								436	00		1	
ZONAL LUN	MENS								\		1		
ZONE	LUMENS	% LAMP	% FIXTURE				\times		\		1 /	\times	
0-30	13481	12.5	21.0			420		/	\		1 /	/	120
0-40	23301	21.6	36.4			120		/	1		1 /		120
0-60	45428	42.1	70.9						218	00	1	/	
0-90	64083	59.4	100.0					X	/1	1	X		
0-180	64083	59.4	100.0			105	1	1	//	$\backslash /$	1//		105
CANDELA S	SUMMARY								///	11/	1//	\	
ANGLE	0.0	45.0	90.0	135.0	180.0		1					1	
0.0	15849	15849	15849	15849	15849	90						-	90
15.0	19819	19529	16627	12249	11050		A		1/		1	1	A
30.0	19104	20233	18743	11392	9895		1		1/1	711	111	1	_ /
45.0	17890	21023	15211	8978	991	75	1		1/	1	1117		75
60.0	43633	19022	8557	712	283				//	1	/ X		/
75.0	10923	15476	2131	82	30				218	00	1	1	
90.0	0	0	0	0	0				17	+	T 11		1
105.0	0	0	0	0	0	60		/ //			1 / 1		60
120.0	0	0	0	0	0		\vee		/		1	\times	
135.0	0	0	0	0	0			\ X	/			(
150.0	0	0	0	0	0			X	_/	1	\/		
165.0	0	0	0	0	0				436	00	1		
180.0	0	0	0	0	0			20 4	16	0	15	20	45

Vert. Plane Through 0.0-180.0 Horiz. Horiz. Cone Through 60.0 Vert. Max Candelas = 43633 @ 0.0H,60.0V

OUTDOOR PLANE CONE PLOT

TEST #CHH-FT-1

TOTAL LUMINAIRE EFFICIENCY = 59.4%

DATE: 8/13/97

THIS REPORT IS BASED ON IES TEST DATA FOR A SPECIFIC LAMP/BALLAST COMBINATION. EXTRAPOLATION OF THESE DATA FOR OTHER LAMP/BALLAST COMBINATIONS MAY PRODUCE ERRONEOUS RESULTS. THE BALLAST FACTOR MUST BE APPLIED TO THE LUMEN OUTPUT RATING ASSIGNED TO THE LAMP(S) OR TO THE CANDELA VALUES SHOWN.

Photometric Data Summary

LUMINAIRE: CHH FT 1000 MHR MT F 3HSS CHALLENGER

TEST #CHH-FT-1 DATE: 4/3/01 TOTAL LUMINAIRE EFFICIENCY = 33.6%

BALLAST: BALLAST FACTOR: 1.00 LAMP: SYLVANIA M1000/HOR/BT37 LUMENS PER LAMP: 107800 WATTS: 1080 **CUTOFF TYPE: Full Cutoff** RANGE CLASS: Very Short Range LUMINOUS OPENING IN FEET LENGTH: 1.29 WIDTH: 1.29

HEIGHT: 0.00

ZONAL	LUMENS

60.0

75.0

90.0

105.0

120.0

135.0

150.0

165.0

180.0

40075

8021

0

0

0

0

0

ZONAL LUN	IENS				
ZONE	LUMENS	% LAMP	% FIXTURE		
0-30	4616	4.3	12.7		
0-40	8695	8.1	24.0		
0-60	22601	21.0	62.4		
0-90	36235	33.6	100.0		
0-180	36235	33.6	100.0		
CANDELA S	SUMMARY				
ANGLE	0.0	45.0	90.0	135.0	
0.0	3830	3830	3830	3830	
15.0	12490	10137	3925	1989	
30.0	11477	11452	3643	776	
45.0	18420	17481	3031	270	

16415

8299

0

0

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1899

547

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94

20

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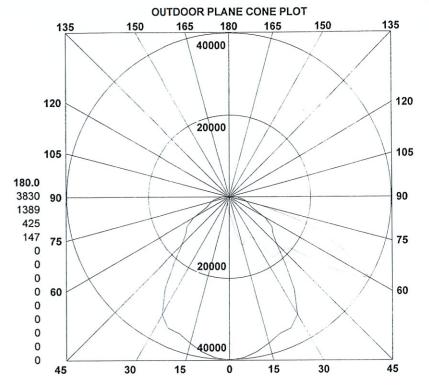
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Vert. Plane Through 0.0-180.0 Horiz. Horiz. Cone Through 60.0 Vert. Max Candelas = 40075 @ 0.0H,60.0V

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