

ILLUMINATION PLAN 1" = 20' **12**

NOT USED **5**

NOT USED **6**

TACO BELL
 65 S. LIVERNOIS
 ROCHESTER HILLS, MI
 PREPARED BY: JOHN BUJAKE
 ACCUSERV LIGHTING & EQUIPMENT
 877-707-7378
 502-961-0357 FAX
 jbukake@accu-serv.com
 MARCH 15, 2012

Statistical Area Summary					
Project: All Projects					
Label	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT SURFACE	4.10	8.6	1.0	4.10	8.60
DRIVE-THRU LANE SURFACE	4.14	7.4	2.0	2.07	3.70

LIGHT LEVELS ARE MAINTAINED FOOT-CANDELS, INITIAL LEVELS ARE SLIGHTLY HIGHER

Luminaire Schedule						
Project: All Projects						
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
[Symbol]	11	T3	SINGLE	9500	0.800	ACCU WSCITB01-008/LID01/06211-015 @ 7.5' A.F.G.
[Symbol]	5	S	SINGLE	8500	0.700	ACCU KB3921BK-FULLCUT @ 11.71' A.F.G.
[Symbol]	1	OCB	SINGLE	12500	0.700	TACO BELL - ORDER POINT CANOPY
[Symbol]	3	A	SINGLE	22500	0.750	ACCU KSF2-250M-R4SC-TB-SP09-SCWA-LPI / SSS-17.5-4C-DM19-DDB
[Symbol]	1	B	2 @ 90 DEGREES	22500	0.750	ACCU (2) KSF2-250M-R4SC-TB-SP09-SCWA-LPI / SSS-17.5-4C-DM29-DDB
[Symbol]	4	C	ROTATED2 BOTH IN 90°	22500	0.750	ACCU (2) KSF2-250M-R4SC-TB-SP09-SCWA-LPI (OPTICS ROTATED) / SSS-17.5-4C-DM28-DDB

VERY IMPORTANT: FIXTURE C OPTICAL ASSEMBLIES MUST BE FIELD-ROTATED TO PROJECT LIGHT INTO THE PARKING LOT
 LIGHTING RESTRICTIONS: FIXTURES MUST BE FULL CUTOFF
 FIXTURE LAMP WATTAGE NOT TO EXCEED 250W
 FIXTURE MOUNTING HEIGHT NOT TO EXCEED 20'
 LIGHT LEVEL AT THE PROPERTY LINE NOT TO EXCEED 0.5 FOOT-CANDLE

SITE FIXTURES ARE FULL CUTOFF 250W PULSE-START METAL HALIDE W/ FLAT LENSES AND INTERNAL HOUSE SIDE SHIELDS
 POLES ARE 17'-6" FOR AN OVERALL FIXTURE MOUNTING HEIGHT OF 20'-0" A.F.G.

LIGHTING NOTES **4**

ISSUE DATE:	XX.XX.XX
△ PLANNING REVIEW #1	03.20.12
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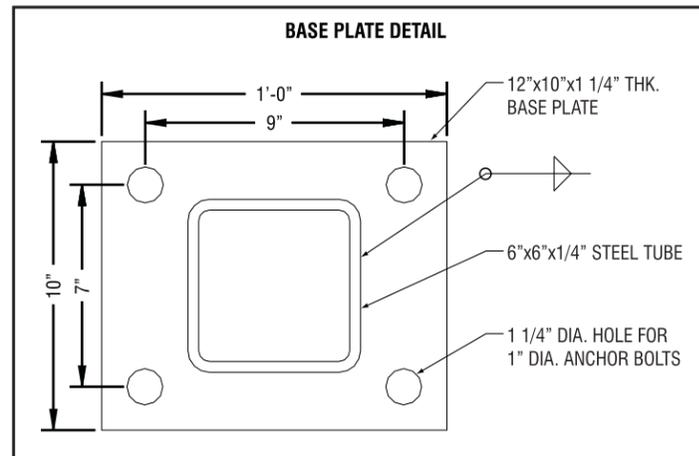
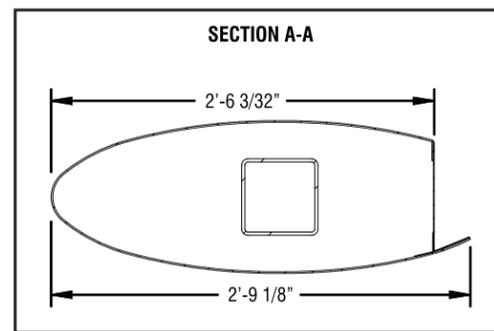
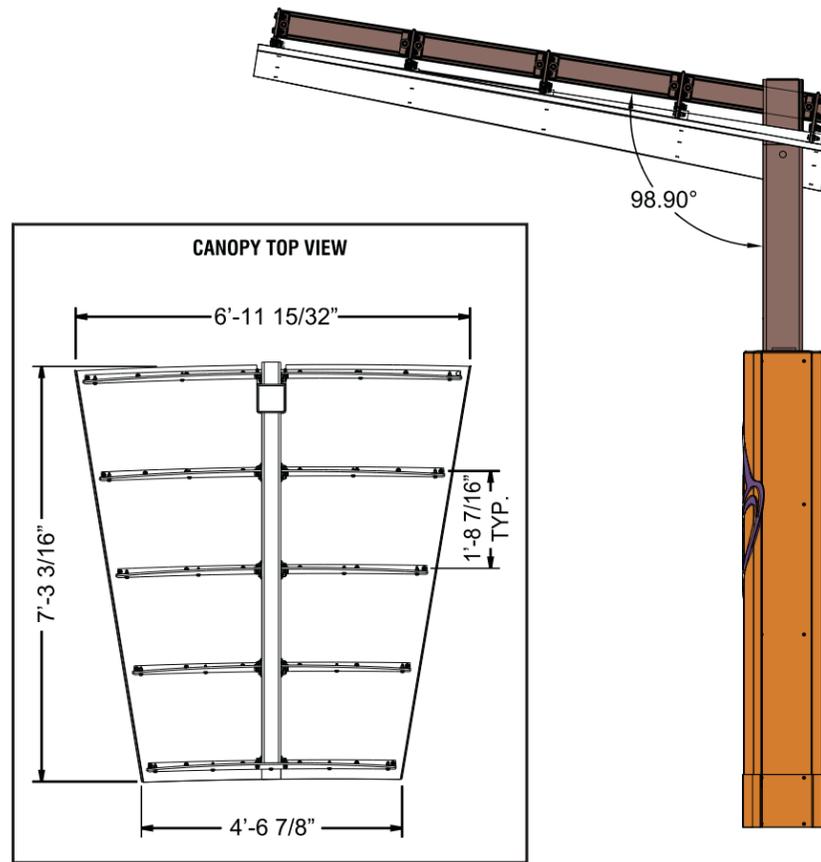
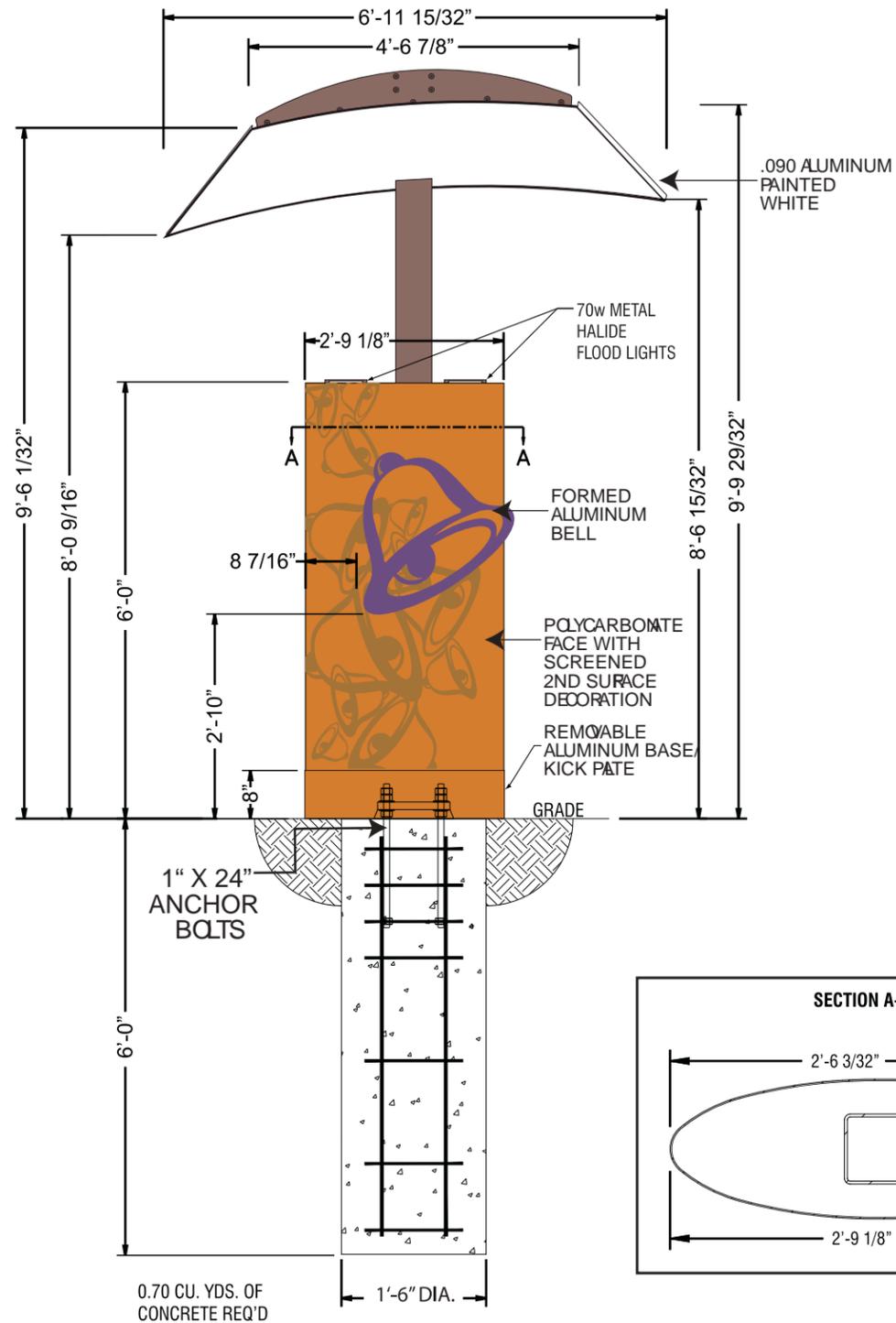
CONTRACT DATE:	XX.XX.XX
BUILDING TYPE:	T50
PLAN VERSION:	JULY 2011
SITE NUMBER:	307630
ENTITY NUMBER:	396088

TACO BELL
 WALTON ROAD
 ROCHESTER HILLS, MI



ILLUMINATION PLAN

I1.0



SIGN SPECIFICATIONS

Materials

- Polycarbonate face with screened decorations - 2nd surface.
- Aluminum canopy with steel ribs.
- Formed aluminum bell.
- Removable shroud.

ELECTRICAL SPECIFICATIONS

- (2) 70 watt metal halide lamps.
- Other electrical specs. T.B.D.

COLOR SPECIFICATIONS

- Polycarbonate Cladding:
 - Screen second surface: Amber Wave SW6657
 - Bell Graphics: Screen second surface
 - Light Bell: PMS 131U
 - Dark Bell: PMS 139U
- Canopy posts and framing members:
 - TB Bronze Tiger Drylac 49-66230 C33
- Metal Bell: Paint to Match PMS 2685
- Canopy: White SW2123 eggshell finish

PART #823-TB-ORDCPY-VE-KIT
PART #823-TB-ORDPOINT-V10

D-ORDER# 059802

CUSTOMER APPROVAL:

DATE: *

REV#	DATE	BY
REV#1	5/3/10	TdP
REV#2	5/10/10	TdP
REV#3	5/23/10	TdP

REV#	DATE	BY
REV#4		
REV#5		
REV#6		

REV#	DATE	BY
REV#7		
REV#8		
REV#9		

PROJECT: TACO BELL
ADDRESS: 8045 WATT AVE., ANTELOPE, CA 95843
PHONE: * **ACCT. MGR.** PATIENCE CASEY
DESIGNER: PICKEL **SCALE:** AS NOTED **DATE:** 4/20/10

DRAWING NO.

10-125 R 3
SHEET 9 OF 11

Yum Brands!, INC

EXTERIOR SPECIFICATION



Decorative Lighting

PROJECT:

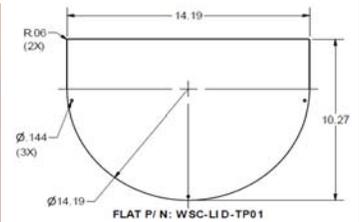
Taco Bell - All Buildings



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Type T3



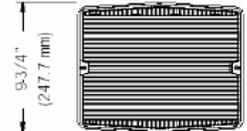
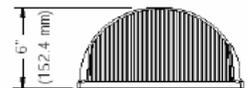
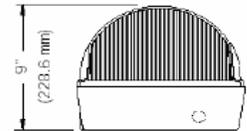
Item # LLCWSCTTB01-008 / 06211-015-LID01

Classification: Custom Bronze "Laser" Sconce w/ Up/Down Wall Pack
With Top Lid for Full Cut-Off

Dimensions: 18"H x 14"W

Finish: Bronze

Lamp Type: 100W High Pressure Sodium



Location Exterior

E / PCN # - TBD / TBD

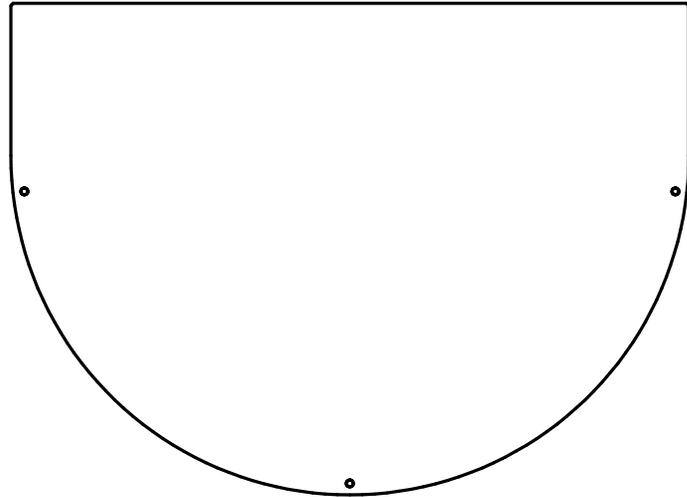
Leadtime In Stock

TBD / TBD - Sconce Cover

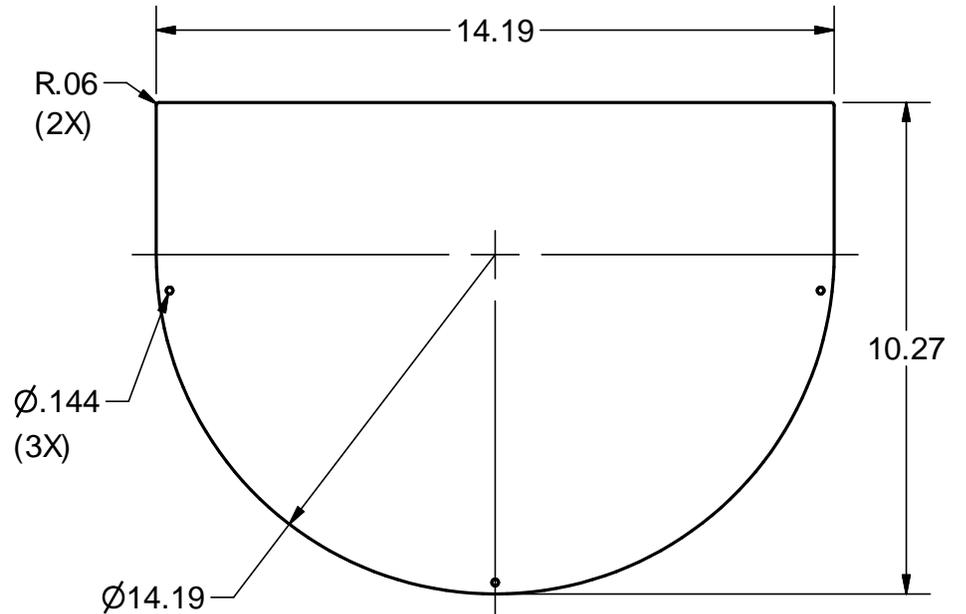
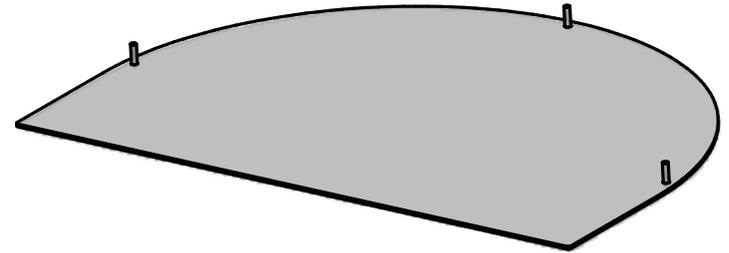
E52801004 / 12727 - Wall Pack

Lamp Type:





PEM PIN
TPS-125-8
(3X)



FLAT P/ N: WSC-LID-TP01

NOTES:

1. ALL DIMENSIONS ARE OUTSIDE UNLESS OTHERWISE SPECIFIED
2. POWDER COAT BRONZE PTR-1056-4

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TOLERANCES UNLESS OTHERWISE SPECIFIED	PART NUMBER WSC-LID01-001	REV X
OFF RAW EDGE FEATURES ± .015	DESCRIPTION LID, SCONCE, RETROFIT	DRAWN BY T. KAELIN
OFF FORMED FEATURES ± .030	MATERIAL .060 ALUM. 5052-H32	DATE 7/8/08
HOLES ± .005	SIZE A	SHEET 1 OF 1
ANGLES ± 1°	LOUISVILLE LAMP	

Taco Bell

Exterior Specification



Building Lighting

PROJECT:

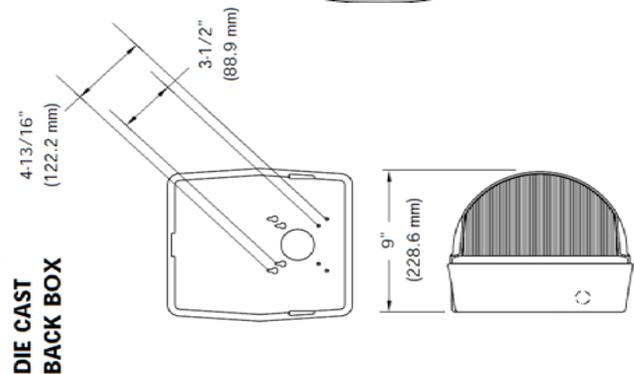
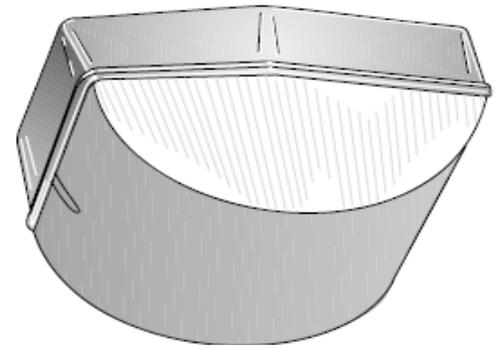
Taco Bell

Type T3



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WWW accuservequipment.com



Item # 06211-015

Description:

Taco Bell Wall Pack for Sconce Cover
100W High Pressure Sodium
Up/Down Light Source
Special Design for Taco Bell Sconce Cover

Fixture Must Be Rotated & Mounting Center will be Offset - See Above!!!

Lamp Type: 100W HPS

Dimensions: See Above

PCN #: E52801004 / 12727

Lead-time Stock

*Will Be Stock Item Once Approved

Lamp Type:



FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in car lots, street lighting or parking areas.

CONSTRUCTION — Rugged, .063" thick, aluminum rectilinear housing. Formed for weather-tight seal and integrity.

Naturally anodized, extruded, aluminum door frame with mitered corners is retained with (two) .188" diameter hinge pins and secured with (one) quarter-turn, quick-release fastener. Weatherproof seal between housing and door frame is accomplished with an integrally designed, extruded silicone gasket that snaps into door frame and another gasket applied to the housing.

FINISH — Standard finish is dark bronze (DDB) polyester powder finish with other architectural colors available.

OPTICAL SYSTEM — Reflectors: anodized and segmented for superior uniformity and control. Reflectors attach with tool-less fasteners and are rotatable and interchangeable. Five cutoff distributions available: Type II (roadway), Type III (asymmetric), Type IV (forward throw, sharp cutoff), Type V (wide, forward throw) and Type V (square symmetrical).

Lens: 0.125" thick, impact-resistant, tempered, glass with thermally applied, silk screened shield.

ELECTRICAL SYSTEM — Ballast: Constant-wattage autotransformer for 250-400W. Super CWA pulse-start ballast required for 320W and 350W (SCWA option). Ballast is copper wound and 100% factor-tested.

Socket: Porcelain, position-oriented, horizontally mounted, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W-600V. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 250-400W (must order SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US.

INSTALLATION — Extruded aluminum arm for pole or wall mounting is shipped in fixture carton. Optional mountings available.

LISTING — UL Listed (standard). CSA Certified (see Options). NOM Certified (see Options). UL Listed for 25°C ambient temperatures and wet locations. IP65 rated.

Catalog Number	
Notes	Type



Area Lighting

KSF2

METAL HALIDE
250W - 400W
HIGH PRESSURE SODIUM
200W - 400W
15' to 25' Mounting

Specifications

*Weight: 52 lbs (23.6kg)

EPA: 2.0 ft.² (.28m²)
(includes arm)

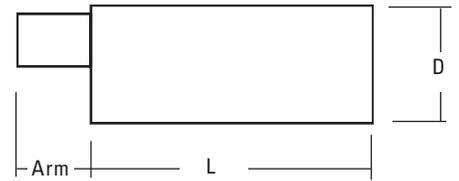
Length: 24-19/32 (62.5)

Width: 17-25/32 (45.2)

Depth: 8-5/16 (21.1)

Arm: 4 (10.2)

*Weight as configured in example below.



Mounting Option	Drilling Template
SPxx, RPxx, DA12P	5
WBxx, DA12WB	6
WWxx	7

All dimensions are inches (centimeters) unless otherwise specified. Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: KSF2 400M R3 TB SCWA SP04 LPI

Series	Voltage	Mounting	Ballast	Options	Lamp ¹⁶
KSF2	120	<u>Pole type</u>	(blank) Magnetic ballast	<u>Shipped installed in fixture</u>	LPI Lamp included (standard)
Wattage	208 ⁴	SP Square pole	CWI Constant wattage isolated	SF Single fuse 120, 277, 347V ¹⁰	
Metal halide	240 ⁴	RP Round pole	Pulse Start	DF Double fuse 208, 240, 480V ¹⁰	
250M¹⁹	277	WB Wall bracket	SCWA Super CWA pulse start ballast	EC Emergency circuit ¹¹	
320M ^{1,2}	347	WW Wood pole or wall bracket	NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	PER NEMA twist-lock receptacle only (no photocontrol)	
350M ^{1,2,19}	480 ⁴	DA12P Degree arm (pole) ⁹		QRS Quartz restrike system ¹¹	<u>Finish¹⁴</u>
400M^{1,19}	TB⁵	DA12WB Degree arm (wall) ⁹		Q RST D QRS time delay ^{7,11}	(blank) Dark bronze
High pressure sodium ³	23050HZ ⁷	KMA Mast arm external fitter ⁹		KW1 KiloWatch® 120V control relay ¹⁸	DWH White
<u>Distribution</u>		KTMB Twin mounting bar ⁹		KW4 KiloWatch 277V control relay ¹⁸	DBL Black
R2 IES type II roadway				CSA CSA Certified	DMB Medium bronze
R3 IES type III asymmetric				NOM NOM Certified	DNA Natural aluminum
R4SC IES type IV forward throw, sharp cutoff				INTL Available for MH probe start shipping outside the U.S.	CR Corrosion-resistant
R4W IES type IV wide, forward throw				HS Houseside shield ¹²	CRT Non-stick protective coating ¹⁵
R5S IES type V square				<u>Shipped separately¹³</u>	
				PE1 NEMA twist-lock PE (120, 208, 240V)	
				PE3 NEMA twist-lock PE (347V)	
				PE4 NEMA twist-lock PE (480V)	
				PE7 NEMA twist-lock PE (277V)	
				SC Shorting cap for PER option	
				VG Vandal guard	

NOTES:

- Use reduced jacketed lamp.
- Must be ordered with SCWA.
- Not available with SCWA.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada).
- Consult factory for available wattages.
- 9" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
- Ships separately.
- Must specify voltage. Not available with TB or TBV.
- Max allowable wattage lamp included.
- Available with R2 & R3 distributions only.
- May be ordered as an accessory.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must be specified.
- Must use RP09 or RP12.
- Only available with 250S or 400S.
- These wattages do not comply with California Title 20 regulations.

Accessories: Tenon Mounting Slipfitter

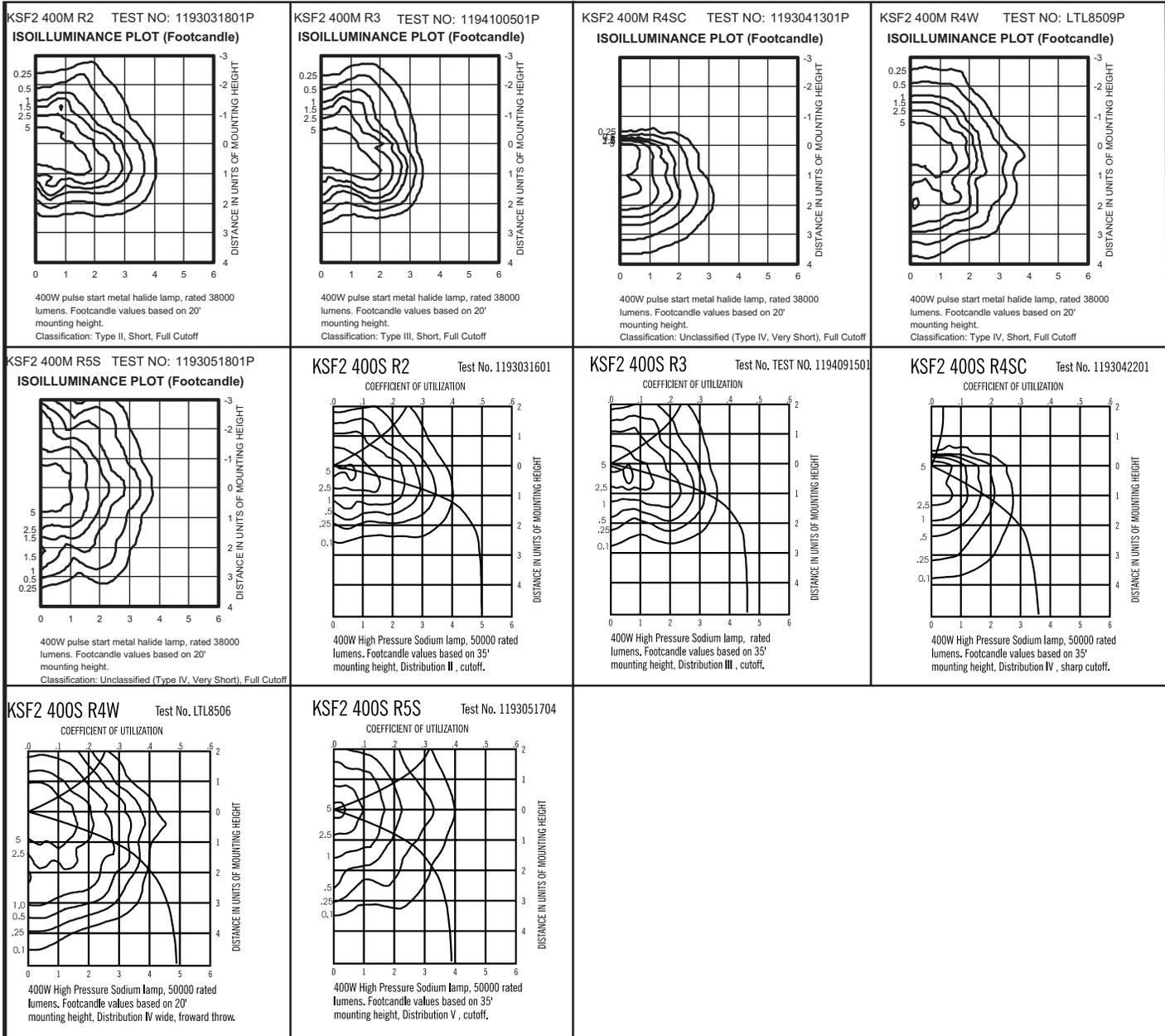
Order as separate catalog number.

Number of fixtures

Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°
2-3/8"	T20-190	T20-280	T20-290 ¹⁷	T20-320	T20-390 ¹⁷	T20-490 ¹⁷
2-7/8"	T25-190	T25-280	T25-290 ¹⁷	T25-320	T25-390 ¹⁷	T25-490 ¹⁷
4"	T35-190	T35-280	T35-290 ¹⁷	T35-320	T35-390 ¹⁷	T35-490 ¹⁷
KSF2HS	House side shield ¹²					
KSF2VG	Vandal guard					

KSF2 Arm-Mounted Rectilinear Cutoff Lighting

Coefficient of Utilization _____
Initial Footcandles _____



NOTES:

- For electrical characteristics, consult technical data tab.
- Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change.
- Photometric data for other distributions can be accessed from www.lithonia.com.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

15 ft.= 5.4

30 ft.= 1.36

40 ft.= .77

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction factor}$$

Taco Bell

Exterior Specification



Building Lighting

PROJECT:

Taco Bell

Type S



ACCUSERV
LIGHTING & EQUIPMENT

3865 Produce Rd

Suite 208

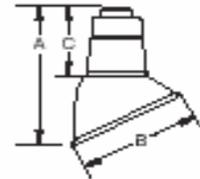
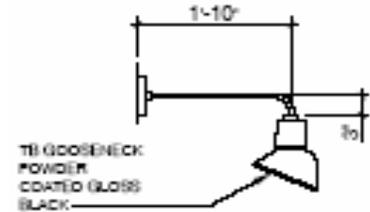
Louisville, KY 40218

Toll Free: 877-707-7378

Phone: 502-961-0096

Fax: 502-961-0357

WWW accuservequipment.com



Item # KB3921BK-Full Cutoff

Description:

Taco Bell Straight Arm w/ Angled Reflector Gooseneck Black
w/ Recessed Socket for Full Cutoff
Remote Ballast Shipped Separate for Metal Halide
100W Metal Halide Lamp Included w/ Glass Jar
22" Straight Arm w/ 3" Drop

Lamp Type: 100W Metal Halide

Dimensions: 22"L x 12"H

PCN #: E52800840 / 51022

Lead-time

Stock

Lamp Type:

*Will Be Stock Item Once Approved

