



THE COUNTY OF GALVESTON

RUFUS G. CROWDER, CPPO CPPB
PURCHASING AGENT

GWEN MCLAREN, CPPB
ASST. PURCHASING AGENT

COUNTY COURTHOUSE
722 Moody (21st Street)
Fifth (5th) Floor
GALVESTON, TEXAS 77550
(409) 770-5371

February 17, 2017

**RE: ADDENDUM #1
RFP #B171007, LED Lighting Retrofit Project**

To All Prospective Proposers,

The following information is being provided to aid in preparation of your proposal submittal(s):

OPENING DATE:

RFP #B171007 LED Lighting Retrofit Project originally scheduled to be opened on Thursday, February 23, 2017 at 2:00 P.M has been re-scheduled. The new deadline for submitting a proposal is as follows:

Date: Thursday, March 16, 2017

Time: 2:00 P.M.

Please send proposal submittals to:
**Galveston County Purchasing Agent
Attention: Rufus Crowder, CPPO CPPB
722 Moody (21st Street), Fifth (5th) Floor
Galveston, Texas 77550**

SITE VISIT:

An additional walk through of the facility will be held on Tuesday, February 28, 2017, at 10:00 a.m. at the Texas City Mid-County Annex (MCA) located at 9850 Emmet F. Lowry Expressway, Texas City, TX 77591.

QUESTIONS AND INQUIRIES:

Questions and inquiries regarding this Request for Proposal must be directed to the Galveston County Purchasing Agent via e-mail at rufus.crowder@co.galveston.tx.us . All questions must be received prior to the close of business (5:00 p.m.) on Friday, March 3, 2017.

Question #1: *Please provide attachment A in excel format.*

Response: See Attachment A

Question #2: *In the scope on page 26 you list that contract or will replace current ballasts with LED drivers and replace fluorescent tubes with LED.*

- a. *How do you want to address the fixtures that are not linear fluorescent, such as HID, CFL? For example Attachment C, E1.2 drawing has exterior included and these are HID lights (400W and 150 per attachment A for S1-S3).*
- b. *Are we to specify a new LED fixture, LED corn cobb light, etc?*

Response: Cut sheets for S (Attachment B) and S1 (Attachment B) are attached (examples). The proposal should include your method of retrofit and the benefit of that retrofit. Your retrofit should retain the same photometrics.

Question #3: *Are there any fixtures that have emergency ballasts in them?*

- a. *If so, how would you like us to address this retrofit since LED tubes are not currently capable of running off of an emergency ballasts?*
- b. *If not, is the whole building emergency lighting off of a dedicated emergency circuit?*

Response: No, there are no fixtures that have emergency ballasts in them.

- b. Not Applicable
- c. Yes.

Question #4: *The scope does not mention socket placement.*

- a. *Does the cost of socket replacement have to be included or will this be a cost we can charge for if we run into socket issues, on an as needed basis?*

Response: Include all costs in your proposal submittal.

Question #5: *Do any of the rooms have dimmers or dimming systems that we should be aware of? The as build's mention a dimmer switch under "Key Notes" item 7 on EL2.7 Attachment C.*

- a. *If so which room? Most linear LED tubes cannot run off dimmers.*

Response: Dimming functions are notated on the drawings; retain dimming function for fixtures that are listed to retrofit.

Question #6: *Do any of the rooms or hallways have daylight harvesting?*

- a. *If so, which rooms and/or hallways*

Response: No

Question #7: *What are the allowable work hours and days of the week for this project?*

Response: Normal business hours (M-F; 8am – 5pm); however certain areas may vary based on privacy issues.

Question #8: *You are requesting rebate information/estimate.*

- a. *Please provide your energy provider (Onco, AEP, Centerpoint, etc.) and ESID number for your facility:*

Response: Texas New Mexico Power – 10400515229690001

Question #9: *Do you have a plan holders list or can you forward me a copy of the pre-bid sign in sheet for the LED Lighting Retrofit Project?*

Response: Please see Attachment D.

Question 10: *Is there an estimated cost available?*

Response: There is not an estimated cost.

The building is and has been available for proposers to visit. No additional cost will be considered to the project due to lack of information that could be discovered by a thorough review of the existing site conditions or released documentation.

As a reminder, any and all questions regarding this proposal must be submitted in writing to:

Rufus G. Crowder, CPPO CPPB
Galveston County Purchasing Agent,
722 Moody, Fifth (5th) Floor
Galveston, Texas 77550
Fax: (409) 621-7987
E-mail: rufus.crowder@co.galveston.tx.us

Please excuse us for any inconvenience that this may have caused.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rufus G. Crowder', with a long, sweeping horizontal line extending to the right.

Rufus G. Crowder, CPPO CPPB
Purchasing Agent
Galveston County

ATTACHMENT A

Proposed Retrofit Fixtures - MCA				
Type	Total Quantity	Include	DO NOT Include	Watts
A	924	815	109	64
A (24 hr)	220	220	0	64
A1	89	46	43	96
A2	12	2	10	96
A3	2	0	2	128
A4	36	10	26	128
A5	4	0	4	128
A6	7	0	7	64
A7	82	20	62	96
B	242	225	17	32
B (24 hr)	33	33	0	32
B1	66	8	58	32
B2	9	0	9	32
C	7	1	6	32
D	20	20	0	32
F	53	53	0	64
F (24 hr)	15	15	0	64
F1	4	4	0	64
F1 (24 hr)	2	2	0	64
G	149	86	63	64
H	7	3	4	64
H (24 hr)	4	4	0	64
H1	181	2	179	64
H1 (24 hr)	3	3	0	64
J	68	0	68	128
J (24 hr)	23	23	0	128
K	3	3	0	64
L	1	0	1	
M	4	4	0	112
M (24 hr)	2	2	0	112
M1	5	5	0	56

ATTACHMENT A

Type	Total Quantity	Include	Do Not Include	Watts
N	18	0	18	22
P	5	5	0	64
Q	13	13	0	150
Q1	2	2	0	100
R	1	1	0	250
S	5	5	0	250
S1	9	9	0	400
S2	9	9	0	150
S3	2	2	0	150
T	9	9	0	64
U	1	0	1	64
V	1	0	1	64
W	16	16	0	64
W1	28	28	0	35
W2	2	2	0	64
W3	6	6	0	114
TOTAL	2,404	1,716	688	

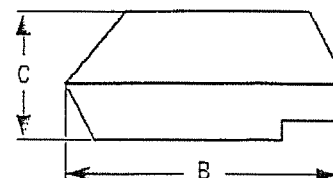
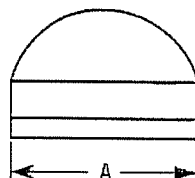
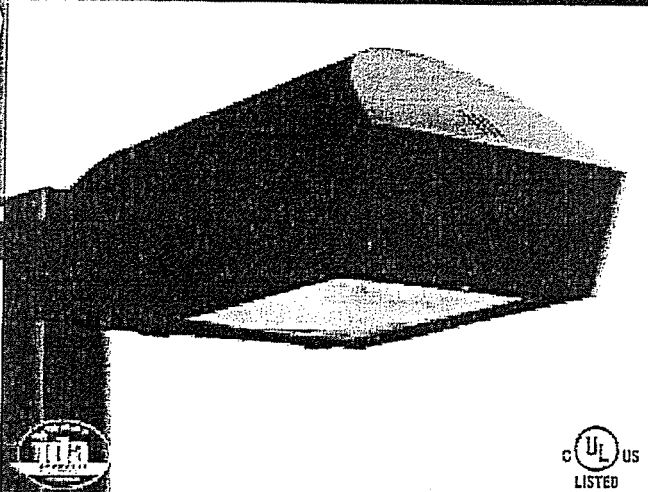
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**Polera
HID**

Project Name
GALVESTON MID-COUNTY ANNEX
Catalog Number
POL-T3-250-S-6-BOA10-COLOR

Type
S

Dimensional Drawings



Fixture	A	B	C	Max. Watts	Lbs
POL-1	19"	28"	12"	400 W	60
POL-2	23"	32"	15"	1000 W	80



The Polera luminaire features a unique contemporary design inspired by the sleek styling of a European sports car. Vision™ is a patented, revolutionary new reflector system unlike any other. The flat lens, vertical lamp, IES full cutoff luminaire is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.

The low-profile, aerodynamically-shaped housing is complimented by a uniquely styled mounting arm. A durable polyester powder coat finish is standard in a selection of architectural colors to enhance any application. Computerized precision machinery and quality materials ensure manufacturing to the highest industry standards.

Polera is available in two sizes and five distribution patterns, including a special forward throw T4A reflector for auto dealership front line lighting. Vision™ Reflector System allows the use of fewer fixtures and poles with wider spacings, providing substantial equipment, installation and energy cost savings.

Polera is an exceptional choice for auto dealerships, shopping centers, parking lots, street lighting and general area lighting. A wide selection of light sources from 100 through 1000 watts are offered in Metal Halide, High Pressure Sodium and Pulse Start Metal Halide lamp to provide excellent efficiency, lumen maintenance and color.

POL-1	T3	250	HPS	6	BOA10	COLOR	
Model	Optics	Wattage	Source	Voltage	Mounting	Finish	Options
POL-1	Type II (T2)	HID 100 (100)	PS, HPS	120 (1)	Bolt-On Arm 6" (BOA6)	Bronze (BZ)	<u>Photocell & Receptacle</u> <small>Specify voltage</small> (PCR120) (PCR208) (PCR240) (PCR277) (PCR480) Photo Receptacle (PER) <small>*With snoring cap</small> <u>Button Type Photocell</u> <small>*Specify voltage</small> (PC120) (PC208) (PC240) (PC277) Quartz Restrike (QR) Fusing <small>*Specify voltage</small> Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240) (DF480) House Side Light Shield (LS) Internal Light Shield (LTE) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)
	Type III (T3)	150 (150)	PS, HPS	208 (2)	Bolt-On Arm 10" (BOA10)	Black (BK)	
	Type IV (T4)	200 (200)	PS	240 (3)	Wall Mount *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 6". (WM)	White (WH)	
	Type IV-A (T4A)	250 (250)	PS, HPS	277 (4)		Forest Green (FG)	
	Type V (T5)	320 (320)	PS	480 (5)		Grey (GY)	
POL-2	Type IV-A (T4A)	*Reduced envelope lamp on 400 W 750 (750)	PS	M-Tap *Multi-Tap ballast wired at 277 V unless specified (6)		Silver Metallic (SL)	
	Type V (T5)	*Reduced envelope lamp on 1000 W 1000 (1000)	MH, PS, HPS (M) (P) (S)	347 (8)		Custom Color (CC)	

MH - Metal Halide
PS - Pulse Start Metal Halide
HPS - High Pressure Sodium

Unless specified, BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations.

Round Pole Plate Adaptors (RPP) are to be ordered separately.



19845 Rancho Way • Rancho Dominguez, CA • 90220
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www.visionairelighting.com

Housing

- All housings are manufactured using technologically-advanced computer numerical control (CNC) machinery. Precision sheared and formed, corrosion-resistant aluminum.
- The computerized CNC machinery enables all Polera housings to be constructed quickly, efficiently and in adherence with exacting ISO 9002-standards. All external hardware is stainless steel.

Lens and Door Assembly

- Removable door assembly is CNC precision, sheared and formed from corrosion-resistant aluminum with captive stainless steel fasteners.
- The lens is a tempered, clear safety glass, secured by galvanized lens retainers, and sealed with silicone gasketing to provide complete weather and insect protection.

Vision™ Optical System

- Reflector is precision CNC cut and bent, multifaceted, segmented, highly efficient, 95% reflective aluminum. Available in five distribution patterns.
- T4A automotive reflector is field rotatable.
- Tool-less reflector entry.

Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for two (2) years.

Mounting

- A rounded extruded aluminum, Bolt-On Arm (BOA) with an in-pole nut plate, securing two half-inch zinc running bolts with stainless steel hardware is standard. A Round Pole Plate Adaptor (RPP) is required for mounting to 3" - 5" round poles.

Electrical Assembly

- All ballasts are premium-grade HPF regulating autotransformers. Ballast is capable of providing consistent lamp starting down to -20 °F. Available in:

- Metal Halide (MH)
- Pulse Start Metal Halide (PS)
- High Pressure Sodium (HPS)




- Socket is glazed porcelain medium or mogul base with nickel-plated contacts, rated at 4 kV (5 kV for 1000 watt) and 600 V.

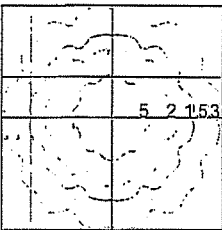
Options

- Photocell & receptacle
- Photo receptacle
- Button type photocell
- Quartz restrrike
- Fusing
- House side light shield
- Internal light shield
- Round pole plate adaptor
- Cast wall plate

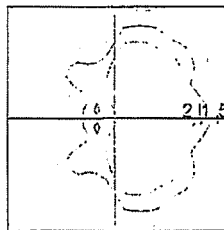
Please consult factory for custom options.

Listings

- Polera is  listed, suitable for wet locations.
- Dark-Sky Friendly®, full cutoff certified by the International Dark-Sky Association.
-  compliant.
- Powder Coated Tough™ 
- Vision™ Reflector System (U.S. Patent No. 7,213,948).



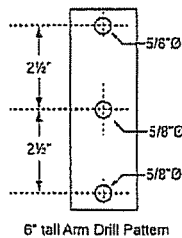
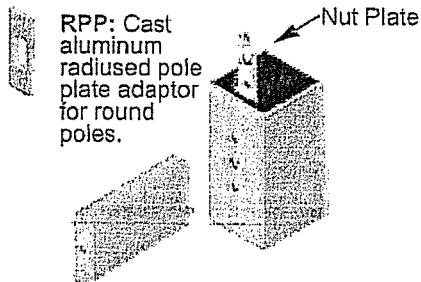
POLERA-2 ISOLUX CURVE
TYPE V
PULSE START OPTICS
1000 WATTS
Scale: 1 Square = 60 ft
Initial Light Loss Factor = 1.00
Mounting Height = 42 ft
Arrangement: Twin (Back-to-back)



POLERA-1 ISOLUX CURVE
TYPE III
PULSE START OPTICS
400 WATTS
Scale: 1 Square = 28 ft
Initial Light Loss Factor = 1.00
Mounting Height = 28 ft
Arrangement: Single

Bolt-On Arm Detail

Cast Wall Plate









*For use with standard Bolt-On Arm

POL-1 & POL-2: 6" or 10" long x 6" tall x 2" wide

BAWP: 10" tall x 6 1/2" wide

EPA Data

Fixture with Arm						
POL-1	2.3	3.8	4.6	5.7	5.4	5.7
POL-2	2.8	4.6	5.6	7.0	6.6	7.0

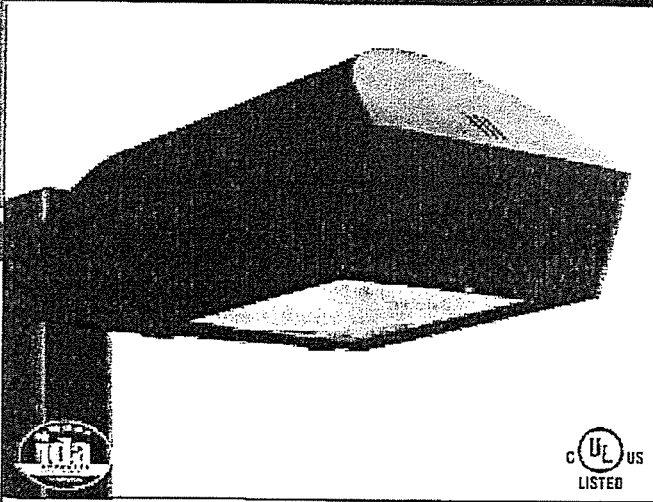


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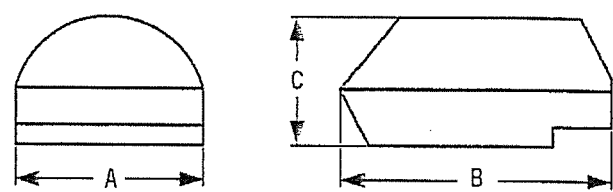
A1968

Polera HID

Project Name	GALVESTON MID-COUNTY ANNEX	Type	S1
Catalog Number	POL-T3-400-S-6-BOA10-COLOR		



Dimensional Drawings



Fixture	A	B	C	Max. Watts	Lbs
POL-1	19"	28"	12"	400 W	60
POL-2	23"	32"	15"	1000 W	80

The Polera luminaire features a unique contemporary design inspired by the sleek styling of a European sports car. Vision™ is a patented, revolutionary new reflector system unlike any other. The flat lens, vertical lamp, IES full cutoff luminaire is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting.

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Model	Optics	Wattage	Source	Voltage	Mounting	Finish	Options
POL-1	Type II (T2)	HID	PS, HPS	120 (1)	Bolt-On Arm 6" (BOA6)	Bronze (BZ)	Photocell & Receptacle *Specify voltage (PCR120) (PCR208) (PCR240) (PCR277) (PCR480) Photo Receptacle (PER) *With shading cap Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277) Quartz Restrike (QR) Fusing *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240) (DF480) House Side Light Shield (LS) Internal Light Shield (LTE) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)
		100 (100)		208 (2)		Black (BK)	
		150 (150)	240 (3)	White (WH)			
		200 (200)	277 (4)	Forest Green (FG)			
		250 (250)	480 (5)	Grey (GY)			
POL-2	Type III (T3)	250 (250)	MH, PS, HPS (M) (P) (S)	240 (3)	Bolt-On Arm 10" (BOA10)	White (WH)	*Reduced envelope lamp on 400 W *Reduced envelope lamp on 1000 W
		320 (320)		347 (8)		Custom Color (CC)	
		400 (400)	M-Tap	Silver Metallic (SL)			
POL-2	Type IV (T4)	400 (400)	MH, PS, HPS (M) (P) (S)	480 (5)	Wall Mount (WM)	Forest Green (FG)	*Multi-Tap ballast wired at 277 V unless specified *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 6". Unless specified, BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations. Round Pole Plate Adaptors (RPP) are to be ordered separately.
		750 (750)		347 (8)		Grey (GY)	
POL-2	Type IV-A (T4A)	1000 (1000)	MH, PS, HPS (M) (P) (S)	347 (8)	Wall Mount (WM)	Grey (GY)	*Multi-Tap ballast wired at 277 V unless specified *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 6". Unless specified, BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations. Round Pole Plate Adaptors (RPP) are to be ordered separately.
		1000 (1000)		347 (8)		Silver Metallic (SL)	
POL-2	Type V (T5)	1000 (1000)	MH, PS, HPS (M) (P) (S)	347 (8)	Wall Mount (WM)	Custom Color (CC)	*Multi-Tap ballast wired at 277 V unless specified *Cast Wall Plate (BAWP) to be ordered separately. Standard length for WM bolt-on arm is 6". Unless specified, BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations. Round Pole Plate Adaptors (RPP) are to be ordered separately.
		1000 (1000)		347 (8)		Custom Color (CC)	

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without notification.



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- Metal Halide (MH)
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- High Pressure Sodium (HPS)




- Socket is glazed porcelain medium or mogul base with nickel-plated contacts, rated at 4 kV (5 kV for 1000 watt) and 600 V.

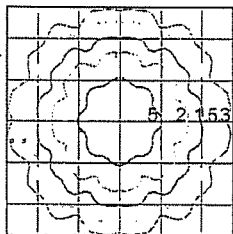
Options

- Photocell & receptacle
- Photo receptacle
- Button type photocell
- Quartz restrike
- Fusing
- House side light shield
- Internal light shield
- Round pole plate adaptor
- Cast wall plate

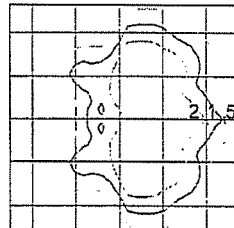
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Listings

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-  compliant.
- Powder Coated Tough™ 
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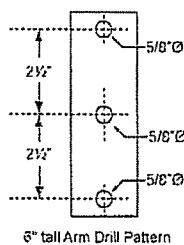
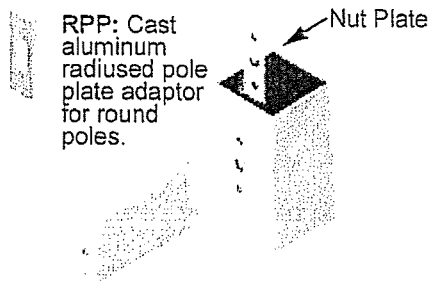


POLERA-2 ISOLUX CURVE
TYPE V
PULSE START OPTICS
1000 WATTS
Scale: 1 Square = 60 ft
Initial Light Loss Factor = 1.00
Mounting Height = 42 ft
Arrangement: Twin (Back-to-back)



POLERA-1 ISOLUX CURVE
TYPE III
PULSE START OPTICS
400 WATTS
Scale: 1 Square = 28 ft
Initial Light Loss Factor = 1.00
Mounting Height = 26 ft
Arrangement: Single

Bolt-On Arm Detail



POL-1 & POL-2: 6" or 10" long x 6" tall x 2" wide







Cast Wall Plate



*For use with standard Bolt-On Arm

BAWP: 10" tall x 6 1/2" wide

IEPA Data

Fixture with Arm						
POL-1	2.3	3.8	4.6	5.7	5.4	5.7
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www.visionairelighting.com

MEMO

Feb 14, 2017

Mid County LED retrofit audit @ site

Name	Contact info
Dudley Anderson	dudley.anderson@co.galveston.tx.us
Hill Olson	hill.olson@co.galveston.tx.us
Danny Togo	dtogo@dh-united.com
Ryan Brasseur	Ryan.Brasseur709@Yotta.com
Todd Fowler	todd.fowler98@gmail.com
MIKE BELL	MIKE MICHAEL.J.BELL@co.galveston.tx.us