

10/10

DATE: 10/07/2019

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00128391

JEFFERSON PARISHPURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678VENDOR: **BASIC SUPPLY, LLC**

BUYER: BBELLOW

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

2 WEEKS

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

In the event that addenda are issued with this bid, bidders **MUST** acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: BASIC SUPPLY, LLC	
SIGNATURE: (Must be signed here)	TITLE: MANAGER
PRINT OR TYPE NAME: JOHN ATKINSON	
ADDRESS: PO BOX 63066	
CITY, STATE: LAFAYETTE, LA	ZIP: 70596
TELEPHONE: () 337-769-0122	FAX: () 337-247-7699
EMAIL ADDRESS: charlotte@basicsupply.com	

TOTAL PRICE OF ALL BID ITEMS: \$ **2340.00**

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128391

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	26.00	EA	ONE TIME PURCHASE OF HIGH BAY LED LIGHT BULBS FOR THE RECREATION DEPARTMENT 0010 High Bay 115w 400 w or equal LED light bulbs, item number RAB HID115VEX39 850BYPHB 77296 Tony	90.00	2340.00

LED Low Bay and High Bay Lights



**65W and 80W
Low Bay**

130W High Bay

Advanced LED Alternative to Traditional Low Bay and High Bay Lights

Topaz high bay and low bay lights have a unique vortex design which aids in airflow and heat management, offering maximum efficiency for indoor open or enclosed fixtures. Perfect for industrial and warehouse applications, these lamps offer improved quality of light compared to high pressure sodium and metal halide light sources and greatly reduce the cost of ownership through minimal maintenance, lower utility costs and disposal issues.

FEATURES

- Ballast Bypass operation, base-up orientation
- High efficiency >115 LPW
- Unique vortex design for airflow and heat management
- Power supply is fully potted reducing heat and increasing reliability
- Low Bay and High Bay retrofit applications
- Glare free illumination
- Suitable for enclosed fixtures
- Suitable for elevated ambient temperatures up to 140°F
- Up to 80% Energy savings and 3X longer lamp life than traditional HID

APPLICATIONS

- Parking Garages
- Warehouses
- Cold Storage
- Assembly areas



LED Low Bay and High Bay Lights

GENERAL SPECIFICATIONS

Input Voltage: 120-277V, 50/60Hz
Average Rated Life (L70): 50,000 Hours
Power Factor: >0.95
THD: <20%
CRI: 80
Beam Angle: 115°
CCT: 5000K
LED Chip Type: Bridgelux
Surge Protection: 6kV
Ambient Operating Temperature: -20°F to 140°F

MOUNTING HEIGHT & REPLACEMENT

65W 7,500 Lumens	80W 9,700 Lumens	130W 16,100 Lumens
10'-15' Mounting Height	15'-20' Mounting Height	20'-30' Mounting Height
Replacement 175W HID	Replacement 250W HID	Replacement 400W HID

HID equivalent and recommended mounting height may vary and depend on application required illuminance.



65W
7.48" MOD / 10.12" MOL

80W
7.48" MOD / 10.12" MOL

130W
9.65" MOD / 12.4" MOL

QUOTING 77296

SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Watts	Input Amps @120V / @277V	Base	Lamp Lumens**	DLC Fixture Lumens	Replacement Wattage*	DLC ID	Case Qty
L-HB/65W/50K/EX39	77292	751338032200	65W	0.6 / 0.3	EX39	7,500	6,750	175W	PL6XOK6A3R61	1/4
L-HB/80W/50K/EX39	77294	751338032217	80W	0.75 / 0.4	EX39	9,700	8,440	250W	PLX49R9D7VU1	1/4
L-HB/130W/50K/EX39	77296	751338032224	130W	1.2 / 0.6	EX39	16,100	13,590	400W	PLA5M9IC5NF1	1/4

NOMENCLATURE

Example: L-HB/65W/50K/EX39

L-HB=LED High Bay / 65W=65W / 50K=5000K / EX39=EX39 Base

*Replacement wattage dependent on fixture, reflectance and lumen maintenance of lamp.

**Lamp lumens are measured using bare lamp only, not including loss of light from fixture.

FIVE (5) YEAR LIMITED WARRANTY: TOPAZ LIGHTING CORP. warrants to the original purchaser that all TOPAZ LED Outdoor Fixtures shall be free from defects of material and workmanship for a period of five (5) years from the date of purchase. TOPAZ LIGHTING CORP. will, at its option, repair or replace without charge a defective LED lamp that has not been misused, carelessly handled or improperly installed. Repair or replacement, as stated above, shall constitute the purchaser's exclusive warranty, which does not extend to transportation, installation, labor or any other consequential charges. www.topaz-usa.com

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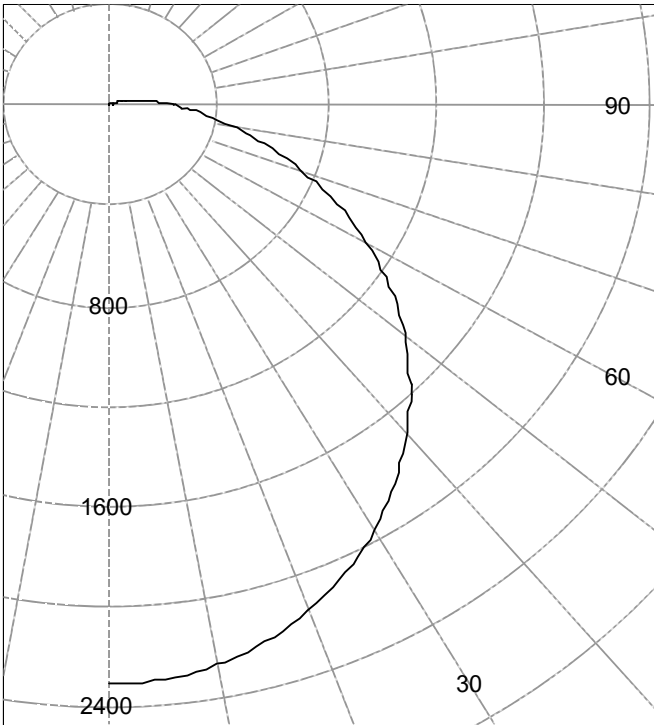


Job Name/Title: _____ Catalog Number _____
 Contractor: _____ Notes: _____

LED Low Bay and High Bay Lights

L-HB/65W/50K/EX39

Legend: All planes - Black (cd)



(Rotational symmetry)

AVERAGE LUMINANCE (cd / m²)

Gamma	C0
45.0	63637
55.0	58734
65.0	52441
75.0	44374
85.0	39371

INTENSITY SUMMARY (cd)

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	2307		90	244	
5	2299	219	95	178	198
10	2270		100	130	
15	2219	626	105	95	102
20	2148		110	68	
25	2059	949	115	48	49
30	1955		120	35	
35	1836	1149	125	23	22
40	1705		130	15	
45	1564	1207	135	10	8
50	1416		140	9	
55	1259	1126	145	9	5
60	1096		150	9	
65	925	915	155	9	4
70	751		160	9	
75	591	628	165	9	3
80	453		170	9	
85	338	372	175	7	1
90	244		180	0	

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	1794	N / A	23.7
0-40	2943	N / A	38.8
0-60	5276	N / A	69.6
0-90	7192	N / A	94.8
40-90	4249	N / A	56.0
60-90	1916	N / A	25.3
90-180	392	N / A	5.2
0-180	7584	N / A	100.0

Total Light Output = 7,584 lm

Spacing Criterion: 0-180 1.3
 Spacing Criterion: 90-270 1.3



Job Name/Title: _____ Catalog Number _____
 Contractor: _____ Notes: _____

LED Low Bay and High Bay Lights

L-HB/65W/50K/EX39

Coefficients Of Utilization - Zonal Cavity Method																		
Effective Floor Cavity Reflectance 0.20																		
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	114	114	114	114	108	108	108	103	103	103	97	97	97	95
1	106	101	96	91	103	98	93	89	93	89	86	88	85	82	83	81	79	76
2	96	87	80	73	93	85	78	72	80	74	70	76	71	67	72	68	65	62
3	87	76	67	60	84	74	66	59	70	63	58	67	61	56	63	59	54	52
4	80	67	58	51	77	65	57	50	62	55	49	59	53	48	56	51	46	44
5	73	60	50	44	71	58	50	43	56	48	42	53	46	41	51	45	40	38
6	67	54	44	38	65	52	44	37	50	42	37	48	41	36	46	40	35	33
7	62	49	40	33	60	48	39	33	45	38	32	44	37	32	42	36	31	29
8	58	44	36	30	56	43	35	29	42	34	29	40	33	28	38	32	28	26
9	54	41	32	27	53	40	32	26	38	31	26	37	30	26	35	29	25	23
10	51	37	29	24	49	37	29	24	35	28	24	34	28	23	33	27	23	21

For absolute test reports, CUs are expressed as a percentage of total lumen output. Calculations were based on published IES procedures, and are based on the zonal cavity method. Basic assumptions: 1) Room surfaces are lambertian reflectors. 2) Incident flux on each surface is uniformly distributed. 3) The room is spectrally neutral. When luminaires are not evenly distributed throughout the room, or do not exhibit lateral symmetry, CU values may differ from actual performance.

Circle of Light Plot				
Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)		
		0-180	90-270	
15.0	10.3	18.90	18.90	
20.0	5.8	25.20	25.20	
25.0	3.7	31.50	31.50	
30.0	2.6	37.80	37.80	
35.0	1.9	44.10	44.10	
40.0	1.4	50.40	50.40	

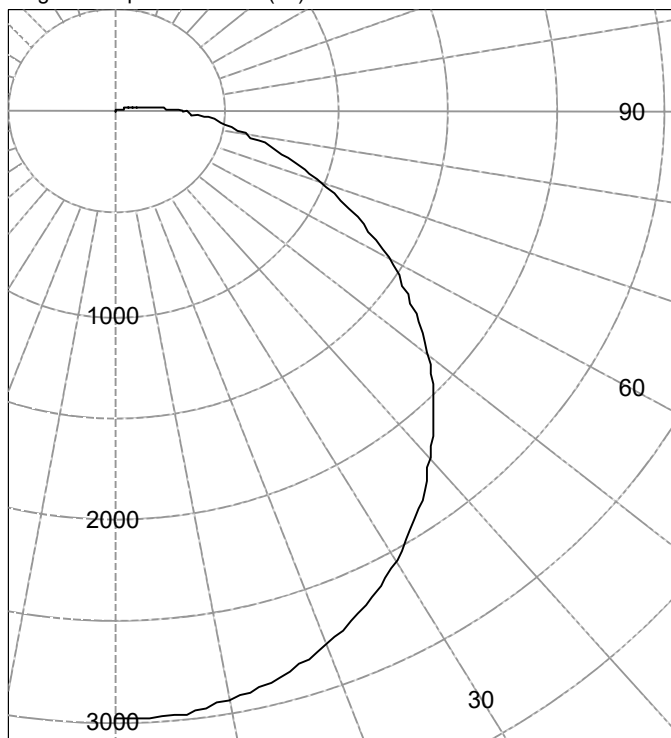


Job Name/Title: _____ Catalog Number _____
 Contractor: _____ Notes: _____

LED Low Bay and High Bay Lights

L-HB/80W/50K/EX39

Legend: All planes - Black (cd)



(Rotational symmetry)

AVERAGE LUMINANCE (cd / m²)

Gamma	C0
45.0	82850
55.0	76415
65.0	68053
75.0	57858
85.0	51278

INTENSITY SUMMARY (cd)

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	2983		90	317	
5	2973	283	95	232	257
10	2936		100	170	
15	2873	811	105	126	135
20	2784		110	91	
25	2672	1232	115	65	67
30	2539		120	48	
35	2387	1494	125	34	31
40	2218		130	23	
45	2037	1572	135	16	13
50	1844		140	14	
55	1638	1465	145	14	9
60	1424		150	14	
65	1201	1188	155	14	7
70	977		160	15	
75	771	818	165	15	4
80	591		170	14	
85	440	485	175	11	1
90	317		180	0	

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	2325	N / A	23.6
0-40	3819	N / A	38.7
0-60	6855	N / A	69.4
0-90	9347	N / A	94.7
40-90	5528	N / A	56.0
60-90	2492	N / A	25.2
90-180	525	N / A	5.3
0-180	9872	N / A	100.0

Total Light Output = 9,872 lm

Spacing Criterion: 0-180 1.3
 Spacing Criterion: 90-270 1.3



Job Name/Title: _____ Catalog Number _____
 Contractor: _____ Notes: _____

LED Low Bay and High Bay Lights

L-HB/80W/50K/EX39

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	106	101	96	91	103	98	93	89	92	89	85	88	85	82	83	81	79	76
2	96	87	79	73	93	84	78	72	80	74	69	76	71	67	72	68	65	62
3	87	76	67	60	84	74	66	59	70	63	58	67	61	56	63	58	54	52
4	80	67	58	51	77	65	57	50	62	55	49	59	53	48	56	51	46	44
5	73	60	50	43	70	58	50	43	55	48	42	53	46	41	50	45	40	38
6	67	54	44	38	65	52	44	37	50	42	37	48	41	36	46	40	35	33
7	62	49	40	33	60	47	39	33	45	38	32	43	37	32	42	36	31	29
8	58	44	36	30	56	43	35	29	42	34	29	40	33	28	38	32	28	26
9	54	41	32	27	52	40	32	26	38	31	26	37	30	25	35	29	25	23
10	51	37	29	24	49	37	29	24	35	28	23	34	28	23	33	27	23	21

For absolute test reports, CUs are expressed as a percentage of total lumen output. Calculations were based on published IES procedures, and are based on the zonal cavity method. Basic assumptions: 1) Room surfaces are lambertian reflectors. 2) Incident flux on each surface is uniformly distributed. 3) The room is spectrally neutral. When luminaires are not evenly distributed throughout the room, or do not exhibit lateral symmetry, CU values may differ from actual performance.

Circle of Light Plot

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
15.0	13.3	18.97	18.97
20.0	7.5	25.30	25.30
25.0	4.8	31.62	31.62
30.0	3.3	37.95	37.95
35.0	2.4	44.27	44.27
40.0	1.9	50.60	50.60

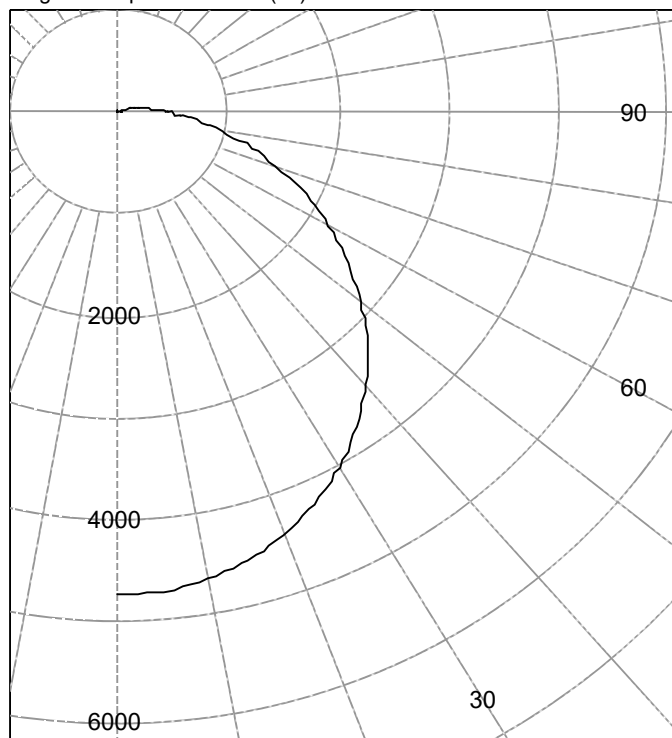


Job Name/Title: _____ Catalog Number _____
 Contractor: _____ Notes: _____

LED Low Bay and High Bay Lights

L-HB/130W/50K/EX39

Legend: All planes - Black (cd)



(Rotational symmetry)

AVERAGE LUMINANCE (cd / m²)

Gamma	C0
45.0	74963
55.0	69159
65.0	61946
75.0	53390
85.0	47902

INTENSITY SUMMARY (cd)

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	4739		90	481	
5	4720	449	95	354	393
10	4659		100	263	
15	4556	1286	105	196	212
20	4413		110	149	
25	4232	1951	115	110	111
30	4016		120	77	
35	3769	2358	125	54	50
40	3493		130	36	
45	3198	2467	135	25	20
50	2886		140	22	
55	2557	2286	145	20	13
60	2216		150	19	
65	1868	1850	155	18	9
70	1522		160	19	
75	1198	1272	165	19	5
80	911		170	19	
85	672	742	175	17	2
90	481		180	11	

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	%Lamp	%Luminaire
0-30	3685	N / A	23.8
0-40	6043	N / A	39.1
0-60	10796	N / A	69.8
0-90	14659	N / A	94.7
40-90	8616	N / A	55.7
60-90	3863	N / A	25.0
90-180	814	N / A	5.3
0-180	15473	N / A	100.0

Total Light Output = 15,473 lm

Spacing Criterion: 0-180 1.3
 Spacing Criterion: 90-270 1.3



Job Name/Title: _____ Catalog Number _____
 Contractor: _____ Notes: _____

LED Low Bay and High Bay Lights

L-HB/130W/50K/EX39

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	106	101	96	91	103	98	93	89	93	89	86	88	85	82	83	81	79	76
2	96	87	80	73	93	85	78	72	80	75	70	76	71	67	72	68	65	62
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5	73	60	51	44	71	58	50	43	56	48	42	53	46	41	51	45	40	38
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9	54	41	32	27	53	40	32	27	38	31	26	37	30	26	35	30	25	23
10	51	38	30	24	49	37	29	24	35	28	24	34	28	23	33	27	23	21

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Circle of Light Plot

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
15.0	21.1	18.90	18.90
20.0	11.8	25.20	25.20
25.0	7.6	31.49	31.49
30.0	5.3	37.79	37.79
35.0	3.9	44.09	44.09
40.0	3.0	50.39	50.39