

## Series Spec Sheet

# L3CBA

## LED ECONOMIC RECESSED CENTER BASKET

1' X 4', 2' X 2', 2' X 4'

The LED economic center basket features a classic design at an affordable price. This 1' X 4', 2' X 2' and 2' X 4' center basket provides specification grade, smooth and uniform ambient lighting. This energy efficient center basket has a long life for optimal performance, and is ideal for all commercial and industrial buildings.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Housing & finishing

Housing is die-formed and embossed with hemmed side flanges. Fixture body finish is high reflectance baked white enamel with matte white reflector.

##### Mounting

Recessed inverted T-Bar ceilings. Grid mount. Comes complete with integrated earthquake clips.

##### Lens

Opal linear lens diffuser.

##### Link

- This unit can be used as an emergency backup unit powered from a stand-alone battery unit. Please view the LINK brochure for more details on this technology.
- Patent pending

#### • Electrical

120-277 V or 347 V electronic driver with 0-10 V dimming is standard. 347 V step down available as an accessory. Long-life LEDs that provide 80+ CRI are available in 3 000 K, 3 500 K, 4 000 K and 5 000 K. Over 87% lumen maintenance expected at 50 000 hours and over 91% lumen maintenance expected at 36 000 hours.

#### Compliances

- Meets requirements of ICES-005
- cULus
- CSA Certified to C22.2#250.0
- CSA Certified to C22.2#141-15 (When use with DL and EL options)



### OVERVIEW

	Quickship	Configurable
Light source	LED	LED
Watts (W)	33 - 35	25 - 60
Lumen output (lm)	4 119 - 4 515	3 150 - 7 607
Efficiency (lm/W)	121 - 130	114 - 131
Color temperature (K)	3 500, 4 000	3 000, 3 500, 4 000, 5 000
CRI	80 +	80+, 90+
Weight (lbs)	11 - 18	11 - 18



quick  
ship



link  
compatible\*



LED  
fixture



dimmable  
fixture



ICES  
005



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).

\* 5 year warranty for the LINK module.

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**  <sup>1</sup>

Order code <sup>5</sup>	Description	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) <sup>2</sup>	Lumen output (lm) <sup>3</sup>	Efficiency (lm/W)	CRI	Life L70 (hrs) <sup>4</sup>	Tested hours LM-80 (hrs) <sup>4</sup>	Dimming (Yes/No)	Power factor	THD (%)
<b>1' X 4'</b>													
68138	L3CBA-1	PL08TCM3PVXE	33	120-277	3 500	4 294	130	80+	120 000	6 000	Yes	0.96	4
68139	L3CBA-2	PLU30QVQBMYA	35	120-277	4 000	4 515	129	80+	120 000	6 000	Yes	0.90	10
<b>2' X 2'</b>													
68140	L3CBA-3	PLHHE1JJ86B	35	120-277	3 500	4 243	121	80+	120 000	6 000	Yes	0.97	9
68141	L3CBA-4	PLEZ1GGYPC25	35	120-277	4 000	4 410	126	80+	120 000	6 000	Yes	0.90	10
<b>2' X 4'</b>													
68142	L3CBA-5	PLT9NDN58CN6	33	120-277	3 500	4 119	125	80+	120 000	6 000	Yes	0.94	5
68143	L3CBA-6	PLJM8F094X2D	34	120-277	4 000	4 284	126	80+	120 000	6 000	Yes	0.90	10

<sup>1</sup> **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

<sup>2</sup> Typical color temperature range: +/- 5 %.

<sup>3</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>4</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

<sup>5</sup> All configurations are available with emergency backup /DL.

**ORDERING GUIDE**

L3CBA — — L — — — — / — — / — —

Series	Dimension	Lamp Type	Lumen package delivered (lm) <sup>1</sup>	CRI	Volts (V)	Color temp. (K)	Options
L3CBA	1 - 1' X 4' 2 - 2' X 2' 4 - 2' X 4'	L - LED	S1 S2 S3 S4	80 - 80+ 90 - 90+	A- 120 W- 120-277 H- 347	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	DIM2 - Line voltage dimming <sup>2</sup> DALI - Digital addressable lighting interface driver <sup>3</sup> OS - Occupancy sensor <sup>4</sup> DL - Emergency backup <sup>5</sup> EL - LINK Emergency power conversion module

<sup>1</sup> Refer to the technical specification table for more details

<sup>2</sup> Available in 120 V only

<sup>3</sup> Available in 120 – 277 V only

<sup>4</sup> To see available options please consult the occupancy sensors section

<sup>5</sup> Not available on 347V

**TECHNICAL SPECIFICATION TABLE**

Lumen package	Watts (W)	Volts (V)	3 000 K		3 500 K		4 000 K		5 000 K		CRI	Life L70 (hrs)	Tested hours LM-80 (hrs)
			Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)			
<b>1' X 4'</b>													
1LS1	26	120	3 271	126	3 271	126	3 307	127	3 340	128	+80	201 000	10 000
1LS2	37	120-277 347	4 645	126	4 645	126	4 696	127	4 742	128	+80	201 000	10 000
<b>2' X 2'</b>													
2LS1	25	120	3 150	126	3 150	126	3 185	127	3 216	129	+80	201 000	10 000
2LS2	33	120-277	3 764	114	3 764	114	3 806	115	3 843	116	+80	201 000	10 000
2LS3	35	347	4 423	126	4 423	126	4 471	128	4 515	129	+80	201 000	10 000
<b>2' X 4'</b>													
4LS1	35	120	4 445	127	4 445	127	4 494	128	4 539	130	+80	201 000	10 000
4LS2	38	120-277	4 828	127	4 828	127	4 881	128	4 929	130	+80	201 000	10 000
4LS3	45	347	5 766	128	5 766	128	5 829	130	5 887	131	+80	201 000	10 000
4LS4	60		7 450	124	7 450	124	7 532	126	7 607	127	+80	201 000	10 000

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

**LINK TECHNICAL SPECIFICATION TABLE**

Lumen package	LINK Watts (W) <sup>1</sup>	Volts (V)	LINK Lumen output (lm) <sup>2</sup>			
			3 000 K	3 500 K	4 000 K	5 000 K
<b>1' X 4'</b>						
1LS1	11	120	1 384	1 384	1 399	1 413
1LS2		120-277 347	1 381	1 381	1 396	1 410
<b>2' X 2'</b>						
2LS1	11	120	1 386	1 386	1 401	1 415
2LS2		120-277 347	1 255	1 255	1 269	1 281
2LS3		1 390	1 390	1 405	1 419	
<b>2' X 4'</b>						
4LS1	11	120	1 397	1 397	1 412	1 427
4LS2		120-277 347	1 398	1 398	1 413	1 427
4LS3		1 409	1 409	1 425	1 439	
4LS4		1 366	1 366	1 381	1 395	

<sup>1</sup> Maximum wattage per LINK Unit 11 W.

<sup>2</sup> Lumens based on calculated values. Specifications are subject to change at any time without notice.

**ACCESSORIES (order separately)**

Part number	Type	Compatible with
CAS905-1X4	Surface mount kit 1' X 4'	1' X 4'
CAS905-2X2	Surface mount kit 2' X 2'	2' X 2'
CAS905-2X4	Surface mount kit 2' X 4'	2' X 4'
PF-DWK-1X4	Dry wall kit for 1' X 4'	1' X 4'
PF-DWK-2X2	Dry wall kit for 2' X 2'	2' X 2'
PF-DWK-2X4	Dry wall kit for 2' X 4'	2' X 4'
TRA347-120V-50VA	347 V Step down transformer	Quickship only

Note: Replacement lens available, contact factory for details.

**COMPATIBLE DIMMERS**

Brand	Model number
Leviton	ILLUMATECH IP710-LFZ
Lutron	DIVADVSTV
Lutron	Maestro MS-Z101
Lutron	Nova T NTSTV
Philips	Sunrise SR1200ZTUNV

Dimming range 10%-100%.

Note: The following merely lists dimmers that have been tested.

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## OCCUPANCY SENSORS

### ON-OFF SENSORS

Detection - On at (*Detection Area*) % during (*Hold Time*) min. Off

Part number	Position	Volts (V)	Technology	Height (ft)	Detection Area (%)	Hold time (min)	Daylight min level (lux)	Remote <sup>1</sup>
OSI-F0-0301	Internal	120-277	High Frequency	32 max	100	20	Disable	
OSI-F0-0601	Internal	120-347	High Frequency	25 max	100	30	Disable	OSI-RC-MH02

N

### BI-LEVEL SENSORS

Detection - On at (*Detection Area*) % during (*Hold Time*) min., then (*Stand-by Dim level*) %

Part number	Position	Volts (V)	Technology	Height (ft)	Detection Area (%)	Hold time (min)	Stand-by Dim level (%)	Daylight min level (lux)	Remote <sup>1</sup>
OSI-FB-0301	Internal	120-277	High Frequency	32 max	100	20	30	Disable	
OSI-FB-0302	Internal	120-277	High Frequency	32 max	100	20	10	Disable	
OSI-FB-0303	Internal	120-277	High Frequency	32 max	100	20	50	Disable	
OSI-FB-0601	Internal	120-347	High Frequency	25 max	100	30	30	Disable	OSI-RC-MH02
OSI-FB-0602	Internal	120-347	High Frequency	25 max	100	30	10	Disable	OSI-RC-MH02
OSI-FB-0603	Internal	120-347	High Frequency	25 max	100	15	40	Disable	OSI-RC-MH02
OSI-FB-0604	Internal	120-347	High Frequency	25 max	100	30	40	Disable	OSI-RC-MH02

### TRI-LEVEL SENSORS

Detection - On at (*Detection Area*) % during (*Hold Time*) min., then (*Stand-by Dim level*) % during (*Stand-by period*) min. Off

Part number	Position	Volts (V)	Technology	Height (ft)	Detection Area (%)	Hold time (min)	Stand-by Dim level (%)	Stand-by period (min)	Daylight min level (lux)	Remote <sup>1</sup>
OSI-FT-0301	Internal	120-277	High Frequency	32 max	100	20	30	10	Disable	
OSI-FT-0601	Internal	120-347	High Frequency	25 max	100	30	30	10	Disable	OSI-RC-MH02

<sup>1</sup> To be ordered separately.

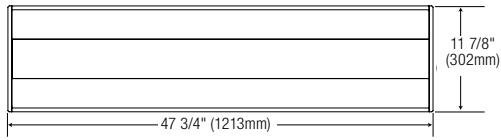
For more settings visit  
[www.standardpro.com/documentation/technical-information/](http://www.standardpro.com/documentation/technical-information/)

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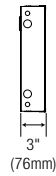
**DIMENSIONS**

**1' X 4'**

BACK VIEW

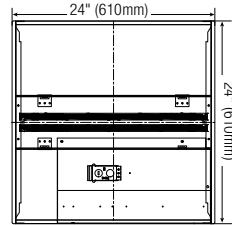


SIDE VIEW

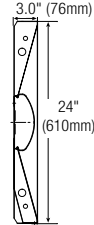


**2' X 2'**

BACK VIEW

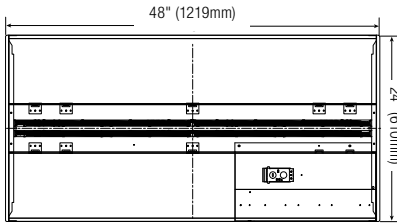


SIDE VIEW

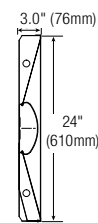


**2' X 4'**

BACK VIEW



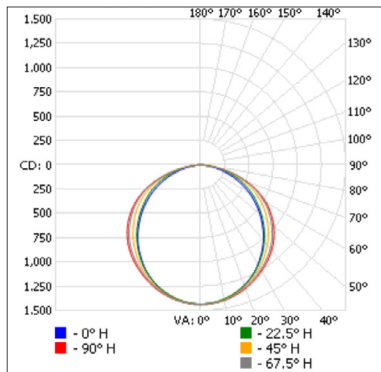
SIDE VIEW



**PHOTOMETRIC DATA<sup>1</sup>**

68138 - L3CBA-1-1X4-35K • 4293lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 115.8	26
0-40	1 836.2	42.8
0-60	3 312.1	77.2
60-90	979.4	22.8
0-90	4 291.6	100

**Illuminance at a distance**

	Center beam fc	Beam width	
2.0'	358.9	5.5'	7.7'
4.0'	89.7	11.0'	15.4'
6.0'	39.9	16.5'	23.1'
8.0'	22.4	21.9'	30.8'
10.0'	14.4	27.4'	38.5'

■ Vert. spread: 107.8°  
■ Horiz. spread: 125.1°

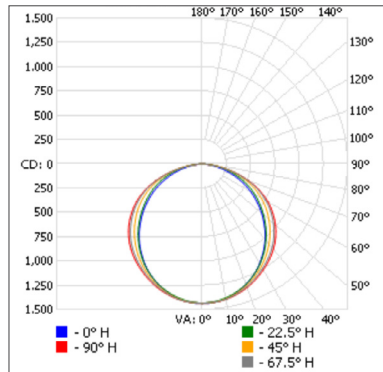
<sup>1</sup> Complete IES files available on our website.

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**PHOTOMETRIC DATA<sup>1</sup>**

**68139 - L3CBA-2-1X4-40K • 4 515 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 180.4	26.1
0-40	1 939.9	43
0-60	3 492.9	77.4
60-90	1 021.4	22.6
0-90	4 514.2	100

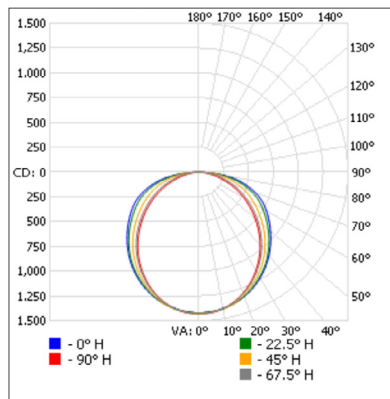
**Illuminance at a distance**

Center beam fc	Beam width	
	5.4'	7.7'
2.0'	381.3	5.4' 7.7'
4.0'	95.3	10.8' 15.4'
6.0'	42.4	16.1' 23.1'
8.0'	23.8	21.5' 30.8'
10.0'	15.3	26.9' 38.5'

■ Vert. spread: 106.7°  
■ Horiz. spread: 125.1°

**68140 - L3CBA-3-2X2-35K • 4 242 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 100.8	26
0-40	1 798.3	42.4
0-60	3 192.1	75.3
60-90	1 048.6	24.7
0-90	4 240.7	100

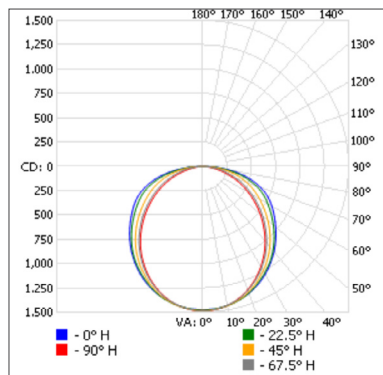
**Illuminance at a distance**

Center beam fc	Beam width	
	8.2'	5.0'
2.0'	356.5	8.2' 5.0'
4.0'	89.1	16.4' 10.0'
6.0'	39.6	24.6' 15.0'
8.0'	22.3	32.8' 20.0'
10.0'	14.3	41.0' 25.0'

■ Vert. spread: 128.0°  
■ Horiz. spread: 102.6°

**68141 - L3CBA-4-2X2-40K • 4 410 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 144.4	26
0-40	1 869.8	42.4
0-60	3 319.5	75.3
60-90	1 089.7	24.7
0-90	4 409.2	100

**Illuminance at a distance**

Center beam fc	Beam width	
	8.3'	5.0'
2.0'	370.2	8.3' 5.0'
4.0'	92.6	16.6' 10.0'
6.0'	41.1	25.0' 15.0'
8.0'	23.1	33.3' 20.0'
10.0'	14.8	41.6' 25.0'

■ Vert. spread: 128.6°  
■ Horiz. spread: 102.8°

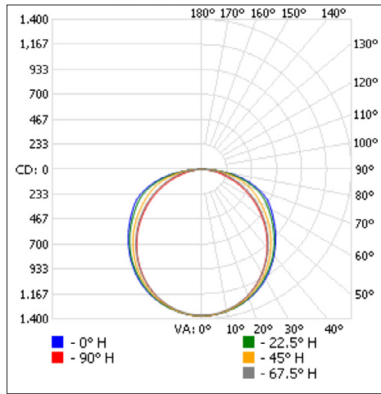
<sup>1</sup> Complete IES files available on our website.

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**PHOTOMETRIC DATA<sup>1</sup>**

**68142 - L3CBA-5-2X4-35K • 4 118 lm**

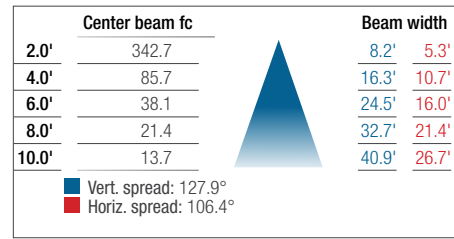
**Polar candela distribution**



**Zonal lumen summary**

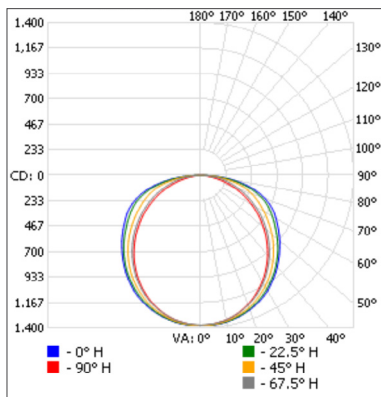
Zone	Lumens	% Fixture
0-30	1 060.6	25.8
0-40	1 736.4	42.2
0-60	3 095.7	75.2
60-90	1 021.4	24.8
0-90	4 117.1	100

**Illuminance at a distance**



**68143 - L3CBA-6-2X4-40K • 4 284 lm**

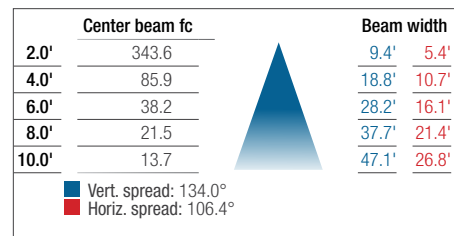
**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 074.9	25.1
0-40	1 765.7	41.2
0-60	3 171.9	74.1
60-90	1 111.2	25.9
0-90	4 283.1	100

**Illuminance at a distance**



<sup>1</sup> Complete IES files available on our website.

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