

Project: _____

Type: _____

Drawn by: _____ Catalogue #: _____

Date: _____

L3CBA

LED ECONOMIC RECESSED CENTER BASKET

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

Optional Emergency Remote

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.

• 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, 3 500, 4 000 and 5 000 K. Over 87% lumen maintenance expected at 50 000 hours and over 91% lumen maintenance expected at 36 000 hours.

• Optional Emergency Lighting

LINK Normally ON emergency remote center basket luminaire

- Consuming 11 W, 12 - 24 VDC
- 200 mA constant current
- Delivers 1 255 - 1 439 lumens in emergency mode
- Ease of maintenance when used with Stanpro emergency lighting battery units complete with auto test function
- Complements Stanpro's normally ON center basket family
- Patent Pending

Please view the LINK specification section for more details on this technology

• Emergency Lighting Compliances

- CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

• General Lighting Compliances

- Meets requirements of ICES-005
- cULus
- CSA Certified to C22.2#250.0



OVERVIEW

	Quickship	Configurable
Light source	LED	LED
Watts (W)	33 - 35	25 - 60
Lumen output (lm)	4 119 - 4 515	3 150 - 7 607
Efficacy (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



LED
fixture



dimmmable
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.

* 5 year warranty for the LINK module.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE  1

Order code ⁵	Description	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming (Yes/No)	Power factor	THD (%)
1' X 4'													
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
2' X 2'													
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
2' X 4'													
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

¹ **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.







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

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

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

⁵ All configurations are available with emergency backup /DL.

ORDERING GUIDE

L3CBA —  — L  —  —  /  / 

Series	Dimension	Lamp Type	Lumen package delivered (lm) ¹	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 ² DALI - Digital addressable lighting interface driver ³ OS - Occupancy sensor ⁴ DL - Emergency backup ⁵ EL - LINK Normally ON emergency remote ⁶

¹ Refer to the technical specification table for more details

² Available in 120 V only

³ Available in 120 – 277 V only

⁴ To see available options please consult the occupancy sensors section

⁵ Not available on 347V

⁶ When in emergency mode, luminaire only consumes 11 W.

For emergency lighting spacing, please see page 7.

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)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)			
1' X 4'													
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
2' X 2'													
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
2' X 4'													
4LS1	35	120 120-277 347	4 445	127	4 445	127	4 494	128	4 539	130	+80	201 000	10 000
4LS2	38		4 828	127	4 828	127	4 881	128	4 929	130	+80	201 000	10 000
4LS3	45		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) ¹	Volts (V)	LINK Lumen output (lm) ²			
			3 000 K	3 500 K	4 000 K	5 000 K
1' X 4'						
1LS1	11	120	1 384	1 384	1 399	1 413
1LS2		120-277 347	1 381	1 381	1 396	1 410
2' X 2'						
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
2' X 4'						
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

¹ Maximum wattage per LINK Unit 11 W.

² 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'
63490	Dry wall kit for 1' X 4'	1' X 4'
67164	Dry wall kit for 2' X 2'	2' X 2'
63491	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 ¹
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 ¹
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 ¹
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

¹ To be ordered separately.

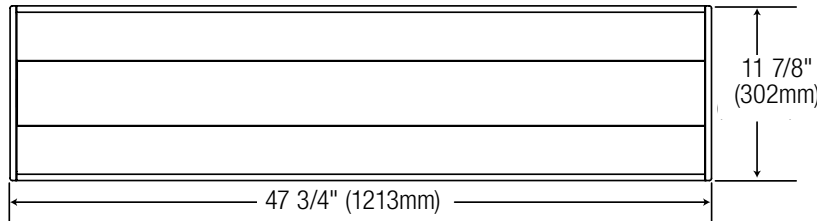
For more settings visit
www.standardpro.com/documentation/technical-information/

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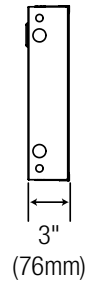
DIMENSIONS

1' X 4'

BACK VIEW

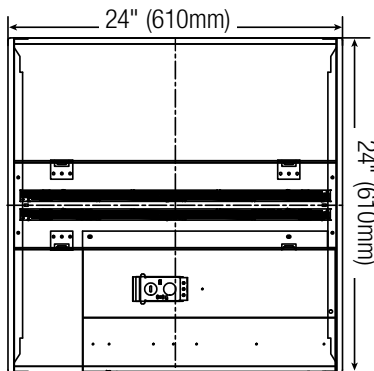


SIDE VIEW

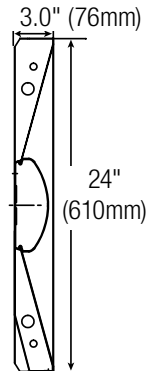


2' X 2'

BACK VIEW

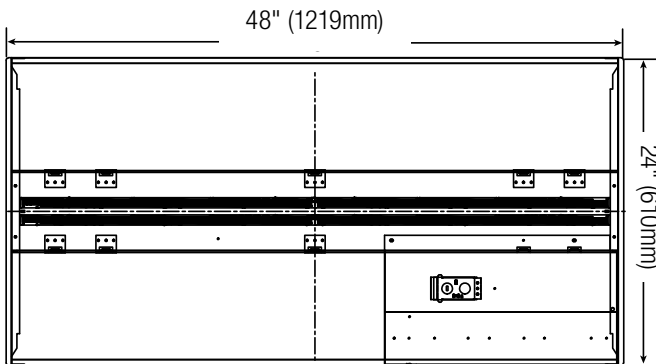


SIDE VIEW

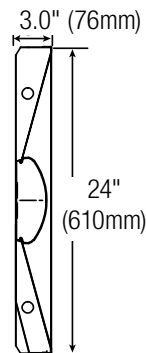


2' X 4'

BACK VIEW



SIDE VIEW



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LINK

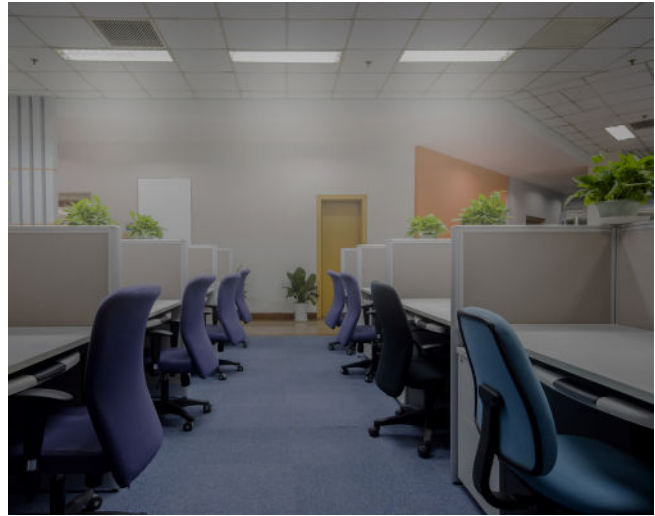
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

This luminaire can be used with an emergency backup powered by either a 12 V or 24 V DC Stanpro battery unit, complete with or without auto test.

NORMAL MODE



EMERGENCY MODE



TYPICAL SPECIFICATION

Supply and install Stanpro LINK _____ ft, LED Recessed Center Basket, Model number: _____ remote normally ON emergency luminaire, CSA C22.2 141-15 certified and meet the requirements prescribed by ICES-005. Normally ON when AC is present and when connected to a Stanpro battery unit complete with or without auto test, the luminaire shall act as an emergency lighting remote and consume 11 W of DC power in _____ V producing 1 255 - 1 439 lumens in emergency mode.

The remote normally ON emergency luminaire shall be powered by a Stanpro emergency lighting battery unit as described herein and shown on the drawings. The Stanpro auto diagnostic micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz and be CSA listed. The unit shall have an output of: ___V and ___W. The charge voltage factory set to $\pm 1\%$ tolerance. High Efficacy, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The automated testing performed by the Stanpro auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month, a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements.

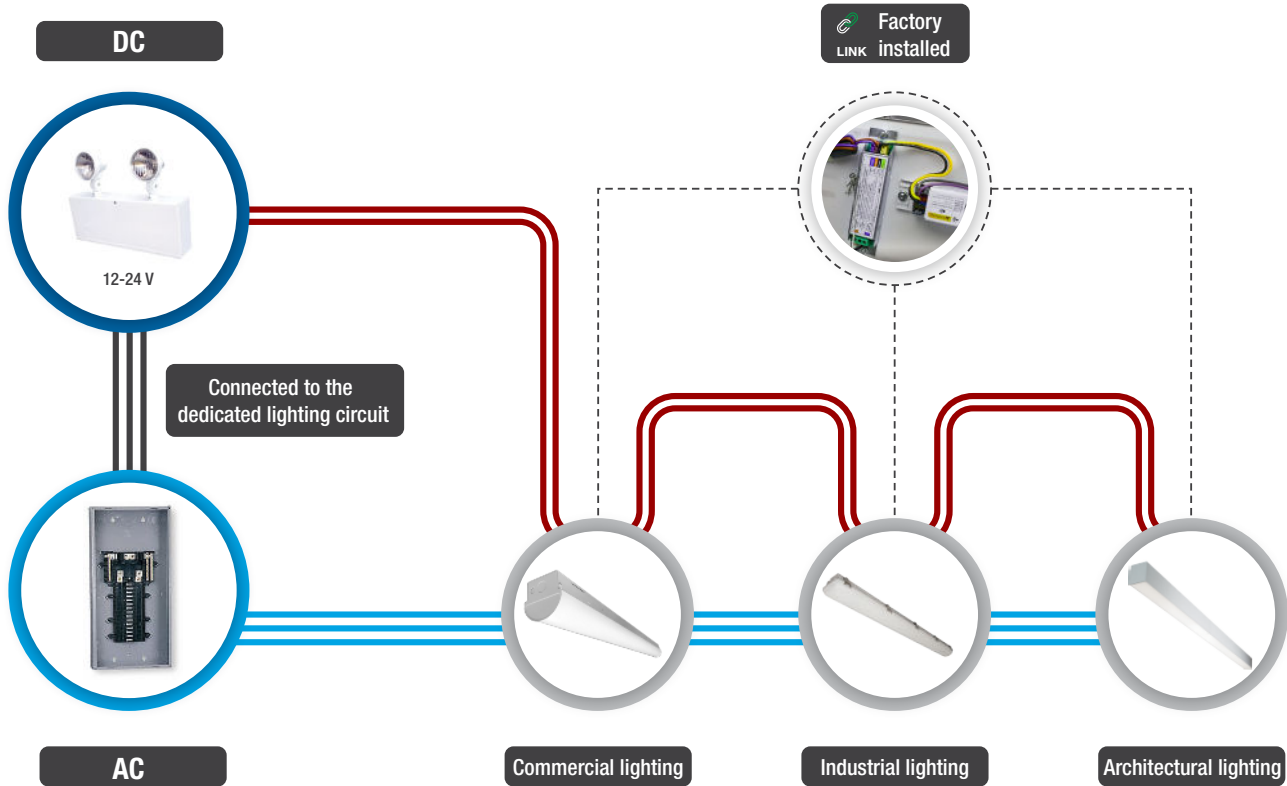
The unit shall be Stanpro model: SL_ _____

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LINK

NORMALLY ON EMERGENCY REMOTE LUMINAIRE

LINK Wiring Diagram



LEGEND

- AC wires
- Connected to the dedicated lighting circuit
- DC wires
- LINK factory installed

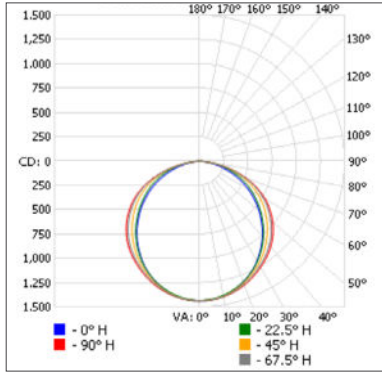
Emergency mode	Spacing
L3CBA	Average spacing for 1 out of every 4 luminaires, normally ON in the path of egress, when at 8, 10, or 12 foot mounting heights.

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GENERAL LIGHTING PHOTOMETRIC DATA¹

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

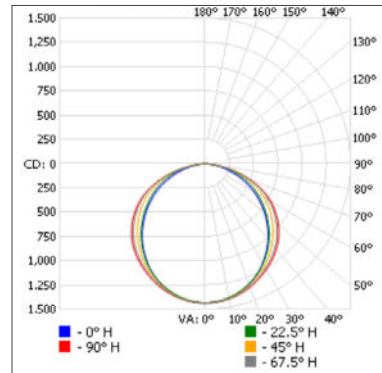
Illuminance at a distance

	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°

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

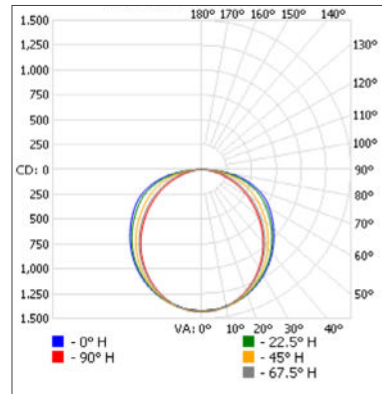
Illuminance at a distance

	Center beam fc	Beam width	
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	
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°

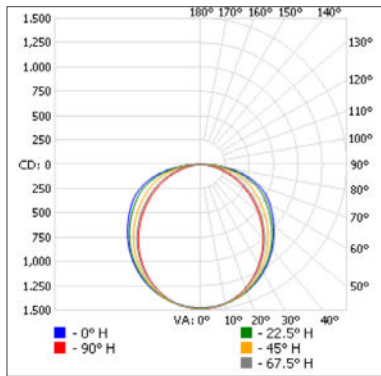
¹ Complete IES files available on our website.

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GENERAL LIGHTING PHOTOMETRIC DATA¹

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

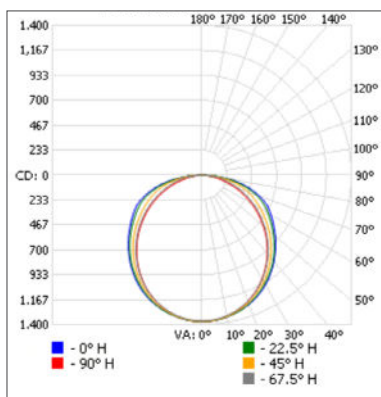
Illuminance at a distance

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°

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

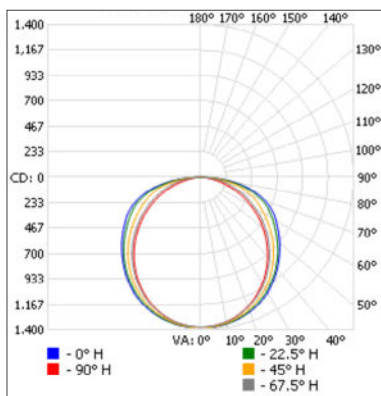
Illuminance at a distance

Center beam fc	Beam width	
	8.2'	5.3'
2.0'	342.7	8.2' 5.3'
4.0'	85.7	16.3' 10.7'
6.0'	38.1	24.5' 16.0'
8.0'	21.4	32.7' 21.4'
10.0'	13.7	40.9' 26.7'

■ Vert. spread: 127.9°
■ Horiz. spread: 106.4°

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

Center beam fc	Beam width	
	9.4'	5.4'
2.0'	343.6	9.4' 5.4'
4.0'	85.9	18.8' 10.7'
6.0'	38.2	28.2' 16.1'
8.0'	21.5	37.7' 21.4'
10.0'	13.7	47.1' 26.8'

■ Vert. spread: 134.0°
■ Horiz. spread: 106.4°

¹ Complete IES files available on our website.

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.