

Series Spec Sheet

LRCB

LED CENTER BASKET

1X4, 2x2, 2X4

The LRCB series of luminaires has an indirect center-diffuser that provides an optimal modern alternative to traditional fluorescent recessed luminaires. Their modern sleek look provides a smooth and visually comfortable lighting that eliminates surface shadows. Perfect for offices, schools, hospitals and commercial buildings

FEATURES AND SPECIFICATIONS

• Construction

Housing & finishing

Aluminium

Mounting

Recessed

Lens

Frosted Acrylic

• Technical specifications

- 120-277 V electronic driver with 0-10 V dimming is standard
- Long life LEDs that provide 80+ CRI are available in 3 500 K, 4 000 K and 5 000 K color temperature
- Estimated lifespan of over 50 000 hours to L70
- Ambient temperature: -30° - +50°
- Suitable for damp location

• Compliance

- Meets requirements of ICES-005
- cULus

OVERVIEW

Light source	LED
Watts (W)	35 - 68
Lumen output (lm)	3 440 - 6 630
Efficacy (lm/W)	97 - 130
Color temperature (K)	3 500, 4 000, 5 000
CRI	80



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 1

Order code	Part number	DLC unique ID	Watts (W)	Volts (V AC)	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 (%)	Case qty (master)
1x4														
64082	LRCB/1X4/120-277V-DIM/36W/35K/STD	-	36	120-277	3 500	3 440	97	80	50 000	6 000	Yes	0.99	<20	1
64083	LRCB/1X4/120-277V-DIM/36W/40K/STD	-	36	120-277	4 000	3 510	99	80	50 000	6 000	Yes	0.99	<20	1
64084	LRCB/1X4/120-277V-DIM/36W/50K/STD	-	36	120-277	5 000	3 701	104	80	50 000	6 000	Yes	0.99	<20	1
65550	LRCB/S2/1X4/120-277V-DIM/35W/35K/STD	-	35	120-277	3 500	4 293	128	80	50 000	6 000	Yes	0.96	4	1
65551	LRCB/S2/1X4/120-277V-DIM/35W/40K/STD	-	35	120-277	4 000	4 515	129	80	50 000	6 000	Yes	0.90	10	1
65552	LRCB/S2/1X4/120-277V-DIM/35W/50K/STD	-	35	120-277	5 000	4 550	130	80	50 000	6 000	Yes	0.90	10	1
2x2														
65555	LRCB/S2/2X2/120-277V-DIM/35W/50K/STD	-	35	120-277	5 000	4 445	127	80	50 000	6 000	Yes	0.90	10	1
2x4														
64090	LRCB/2X4/120-277V-DIM/42W/50K/STD	-	42	120-277	5 000	4 505	106	80	50 000	6 000	Yes	0.99	<20	1
65556	LRCB/2X4/S2/120-277V-DIM/46W/35K/STD	-	46	120-277	3 500	5 730	127	80	50 000	6 000	Yes	0.98	5	1
65558	LRCB/2X4/S2/120-277V-DIM/46W/50K/STD	-	46	120-277	5 000	5 842	127	80	50 000	6 000	Yes	0.90	10	1

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.

ACCESSORIES (order separately)

Part number	Type
63490	Drywall kit for 1x4 ft/std
67164	Drywall kit for 2x2
63491	Drywall kit for 2x4 ft/std
CAS905-1X4	Surface mount kit 1' X 4'
CAS905-2X2	Surface mount kit 2' X 2'
CAS905-2X4	Surface mount kit 2' X 4'

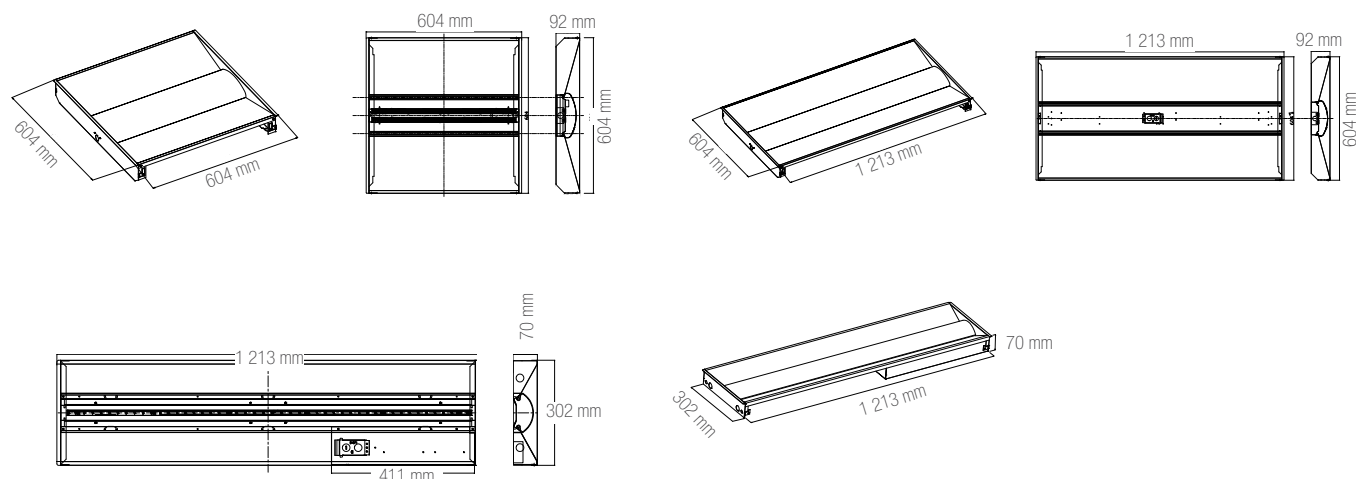
¹ Includes brackets and screws.

COMPATIBLE DIMMERS

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

¹ Dimming range 10%-100%

DIMENSIONS

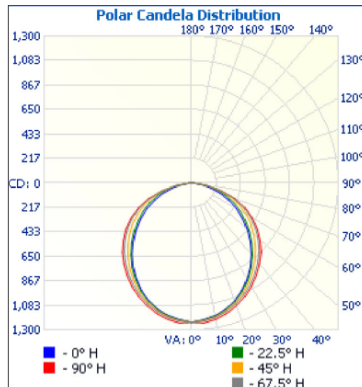


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

PHOTOMETRIC DATA¹

64083 • 3 808.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Lamp	% Fixture
0-30	943.1	26.9%	26.9%
0-40	1 536.6	43.8%	43.9%
0-60	2 720.5	77.6%	77.7%
60-90	773.3	22.1%	22.1%
70-100	326.1	9.3%	9.3%
90-120	2.9	0.1%	0.1%
0-90	3 493.8	99.7%	99.8%
90-180	7.0	0.2%	0.2%
0-180	3 500.8	99.9%	100%

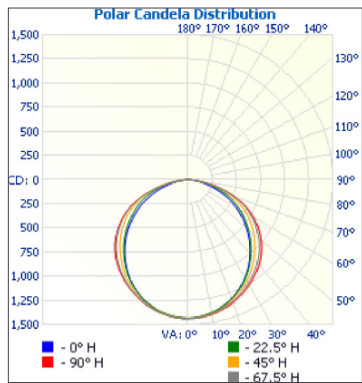
Illuminance at a distance

Center beam fc	Beam width
1.7'	427 fc
3.3'	113 fc
5.0'	49.4 fc
6.7'	27.5 fc
8.3'	17.0 fc
10.0'	12.3 fc

Vert. spread:	102.7°
Horiz. spread:	119.5°

65551 • 4 306.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 116.4	25.9%
0-40	1 836.6	42.6%
0-60	3 315.0	77%
60-90	982.5	22.8%
70-100	411.8	9.6%
90-120	4.0	0.1%
0-90	4 297.5	99.8%
90-180	9.1	0.2%
0-180	4 306.6	100%

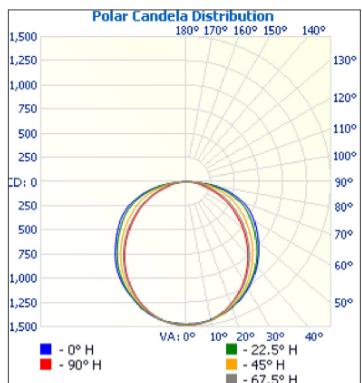
Illuminance at a distance

Center beam fc	Beam width
1.7'	497 fc
3.3'	132 fc
5.0'	57.4 fc
6.7'	32.0 fc
8.3'	20.8 fc
10.0'	14.4 fc

Vert. spread:	107.6°
Horiz. spread:	125.1°

65554 • 4 353.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 140.0	26.2%
0-40	1 860.9	42.7%
0-60	3 293.9	75.7%
60-90	1 051.2	24.1%
70-100	488.7	11.2%
90-120	4.0	0.1%
0-90	4 345.1	99.8%
90-180	8.5	0.2%
0-180	4 353.6	100%

Illuminance at a distance

Center beam fc	Beam width
1.7'	511 fc
3.3'	136 fc
5.0'	59.1 fc
6.7'	32.9 fc
8.3'	21.5 fc
10.0'	14.8 fc

Vert. spread:	126.7°
Horiz. spread:	102.8°

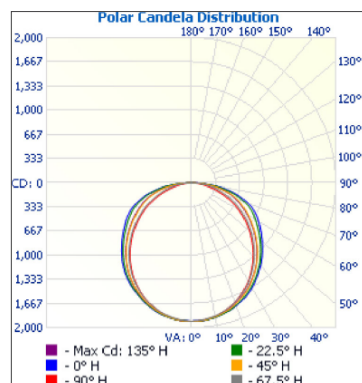
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹ (cont'd)

65557 • 5 860.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 494.7	25.5%
0-40	2 449.7	41.8%
0-60	4 375.6	74.7%
60-90	1 474.1	25.2%
70-100	702.1	12%
90-120	5.4	0.1%
0-90	5 849.7	99.8%
90-180	11.1	0.2%
0-180	5 860.8	100%

Illuminance at a distance

	Center beam fc		Beam width
1.7'	667 fc		7.3' 4.5'
3.3'	177 fc		14.1' 8.8'
5.0'	77.1 fc		21.4' 13.3'
6.7'	42.9 fc		28.7' 17.8'
8.3'	28.0 fc		35.6' 22.1'
10.0'	19.3 fc		42.9' 26.6'
	Vert. spread: 130.0°		
	Horiz. spread: 106.2°		

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