LIGHTOLIER
by signify

Track Lighting

OmniSpot LED

LCRM Recessed Multiples

Project:
Location:
Cat.No:
Type:
Qty:
Notes:

OmniSpot LED Recessed Multiples are designed to meet the most demanding retail lighting challenges through sleek and discrete aesthetics while providing a high center beam candlepower and efficacy performance.

Now including AccuRender technology for the highest color quality at the highest efficacy.

Complete unit = Frame + Fixture + Reflector + Optional Accessories

Frame

example: LCRM10H2

Series	Lumens	Heads
LCRM	10	
LCRM OmniSpot Recessed Multiples	**10** 600lm/1000lm	**H1** 1 head **H2** 2 head **H3** 3 head **H4** 4 head

Fixture

example: LCRM10930H2BKZ10U

Series	Lumens	CRI/CCT	Heads	Finishes	Flanges	Dimming/Voltage
LCRM						Z10U
LCRM OmniSpot Recessed Multiples	**06** 600lm **10** 1000lm	**927** 90CRI / 2700K **930** 90CRI / 3000K **935** 90CRI / 3500K **940** 90CRI / 4000K LED Color Recipes **CW30** 90CRI / 3000K Crisp White **PW30** 90CRI / 3000K Premium White **PC30** 90CRI / 3000K Premium Color	**H1** 1 head **H2** 2 head **H3** 3 head **H4** 4 head	**BK** Matte Black **WH** Matte White	**T** Trim Flange **F** Flangeless	**Z10U** 0–10V 1% 120/277V

Reflector

example: LLMRNS

Series	Beam spreads
LLM	
LLM OmniSpot Small Reflectors	**RNS** 12° Narrow Spot **RS** 18° Spot **RNF** 24° Narrow Flood **RF** 36° Flood

Mud-in Kit (for Flangeless option)

LCRM10H1MK	for 1 head configurations
LCRM10H2MK	for 2 head configurations
LCRM10H3MK	for 3 head configurations
LCRM10H4MK	for 4 head configurations

Optional Accessories[1]

example: LC10SNBK

Series	Finishes
Accessory holders[2] **LC10AH** OmniSpot accessory holder	**AL** Aluminum **WH** Matte White **BK** Matte Black
Snoots **LC10SN** OmniSpot snoot	**AL** Aluminum **WH** Matte White **BK** Matte Black
Diffusion films **LC10** OmniSpot diffusion Film	**SF** Soft Focus **FR** Frosted Etched **LS** Linear Spread **SY** Symmetrical Spread
Hex cell louvers[3] **7472** OmniSpot hex cell louver (matte black only)	

1. Aperture ring on the fixture can hold a maximum of 1 film and 1 snoot.
2. Accessory holder can hold a maximum of 1 hex cell, 1 film, and 1 snoot.
3. Hex cell needs to be ordered with an accessory holder.

LCRM OmniSpot LED

Recessed Multiples (600lm & 1000lm)

Features

1. **LED Board:** COB LED.
2. **Heat Sink:** Die-cast aluminum maintains LED junction temperature for minimum 90,000 hr lifetime at 70% lumen maintenance.
3. **Finishes:** Painted finishes with a baked enamel. Contains some powder coated finishes.
4. **Heat Sink Arm:** Tool-less aiming with 360° horizontal rotation, 180° vertical tilt and a pull down adjustment from flush recessed to semirecessed for optimal performance.
5. **Trim/Housing:** One part integrated system including a seamless flange (16 ga powder coated steel), and pre-formed housing (22 ga powder coated steel), with pre-wired integral driver(s).
6. **Frame with mounting brackets:** Mounting brackets are adjustable vertically from inside of Frame-in-kit. Maximum ceiling thickness is 1.625". Accepts various types of mounting bars including C-channel, EMT (contractor supplied) and Lightolier mounting bars (Cat. # 1950 or 1951). For use in T-grid or sheet rock ceiling. See next page for overall dimensions.
7. **Junction box:** 4" x 3.5" x 2" ; .063" (14 ga.) galvanized steel.
8. **Light Engine:** Simple plug-and-play connection between the frame and light engine from below the ceiling eliminates the need for wiring between frame and LED driver.
9. **Luminaire Disconnect:** Power from Frameinkit to Trim/Housing connection with quick connect plug.
10. **Torsion Springs and Safety Springs:** Torsion Springs swivel to allow Trim/Housing to hang temporarily from one end to ease the process of making luminaire electrical connection complete. Safety Springs allow positive lock between Trim/Housing and Frame-in-kit for added security.
11. **Interchangeable Reflector Optics:** High efficiency metalized coating providing up to 98 % total reflectivity for optimal light quality, beam control and punch. Reflector has lens attached which protects reflector finish and LEDs from contamination. Tool-less installation. Reflector sold separately to allow field replacement. Various combinations of beam angles could be achieved with 4 optic offerings.
12. **Crisp White:** Available in 90CRI / 3000K only, our 90CRI CrispWhite technology combines the warm, saturated colors of high CRI with crisp and vibrant whites. The small form factor and high quality of light make this an impactful option for retail display areas.
13. **Premium White:** Available in 90CRI/3000K only, the new benchmark in retail fashion, delivering stronger, brighter whites via the best technology in the market, but with minimal compromise on energy savings.
14. **PremiumColor:** Available in 90CRI/3000K only, provides vivid and robust colors that pop while maintaining a strong ambient white and bold black balance in any space. This LED technology is sure to add positive energy to varying application needs.

Dimming Compatibility

Philips Sunrise SR1200ZTUNV 0-10V 1%
Leviton Illumatech IP7 series 0-10V 1%
0-10V dimming compatible

Electrical

Electronic power supply
Input voltage: 120/277V, 50/60 Hz
Input power: 6W - 12W
Efficacy: Up to 116lm/W
High power factor: >0.9
CRI: 90+

Labels

cULus Listed. 5 year warranty.
ENERGY STAR® certified (excluding Crisp White, Premium White, and Premium Color configurations).
Accessories are not Energy Star qualified.

Accessories (ordered separately)

Components

1. Cylinder housing
2. Reflector optics
3. Diffusion/special films
4. Hex cell louver
5. Snoot
6. Aperture Ring

Hex cell louvers

7472 2" dia.

Hex Cell Louvers: Order accessory holder to retain louver. Reduction in light of 45% (only available in matte black).

Snoot

LC10SN 2" dia.

Diffusion films

LLAV11 = 3 1/8" dia. **LLAV12** = 4 3/4" dia.

Soft Focus (SF): Only slightly removes beam's punch while softening edges, slightly widens beam, light reduction of about 10%.

Frosted Etched (FR): Increased hiding, smoothing and blending of LED source, takes narrow spot and changes it to about a medium beam distribution, light reduction about 15 -20%.

Linear Spread (LS): Asymmetrical beam-elongating, creates an elliptical pattern, takes narrow spot and changes it to about 15° x 50° beam angles.

Symmetrical Spread (SY): Widens the beam of light in all directions, more pronounced widening effect compared to Solite or frosted, creating larger beam spreads while also softening edges, takes narrow spot and changes it to about 40° beam angle, light reduction of about 20 -25%.

Configurations

1 Head

2 Head

3 Head

4 Head

LCRM OmniSpot LED

Recessed Multiples (600lm & 1000lm)

AccuRender Technology (CRI 90+)

The right light brings colors to life. Our new AccuRender technology helps ensure colors are rendered more accurately and consistently, while doing so as efficiently as CRI 80 products.

Standard CRI 80

Good color rendering and high efficacy

Standard CRI 90

Better color rendering and low efficacy

AccuRender

Best color rendering, color preference and high efficacy

Enjoy design flexibility

Full range of products and options:

- Available soon in across Lightolier portfolio for application flexibility
- Multiple color temperatures (CCTs) and lumen packages offered

Promote savings

High efficacy, with no penalty:

- Energy efficacy compares well to conventional 80 CRI
- Up to 25% more energy savings vs competitor 90 CRI[1]
- Helps meet Title 24 requirements

Show your true colors

High color rendering:

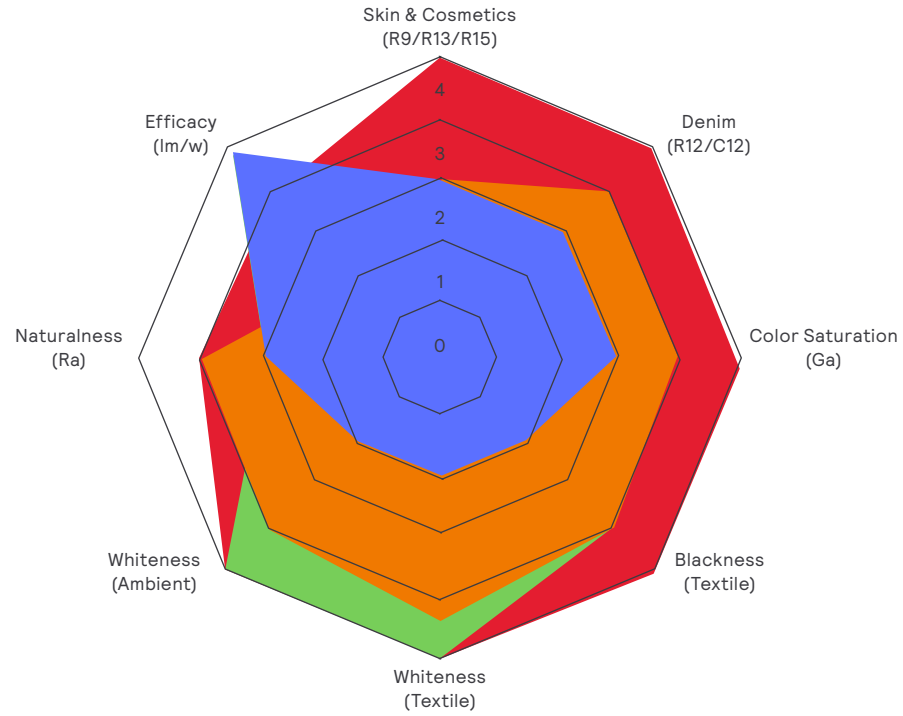
- True to life colors to help energize your environment and render better flesh tones critical for healthcare hospitality and retail applications.
- R_a up to 94 CRI
  R_9 up to 67 CRI
  G_a up to 99 CRI
  C_9 up to 94 CRI
- R_f up to 92 TM-30
  $R_{f,h1}$ up to 91 TM-30
  R_9 up to 100 TM-30
  $R_{cs,h1}$ up to -5% TM-30

Achieve color balance

Best in class color consistency:

- Promote aesthetic harmony in your space with ≤ 2 SDCM

LED Color Recipes



Crisp White

Dial-up the drama of your display. Highlight the variances in white tones, add contrast to blacks and create a real pleasing sparkle effect while retaining warm skin tones.

Premium White

The new benchmark for retail fashion. Delivering stronger and brighter whites via the best lighting technology on the market with minimal compromise to energy savings.

Premium Color

Enhance the contrast between colors and whites to achieve new depths of color rendering for a vibrant saturated fashion-forward visual experience that won't affect the atmosphere and will have a positive effect on energy efficiency.

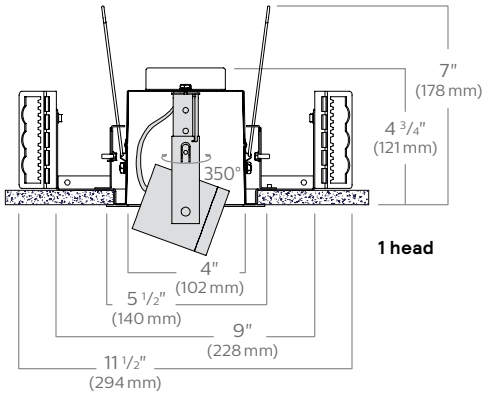
Standard Color

Standard CRI 90

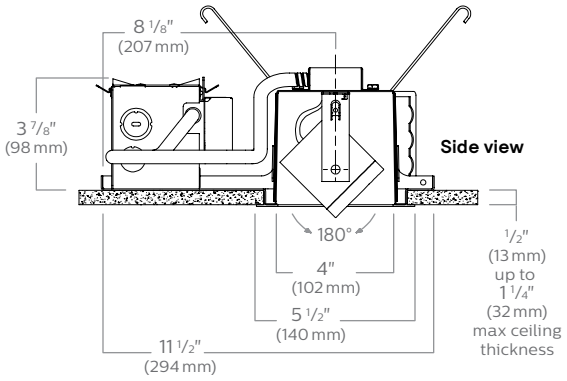
LCRM OmniSpot LED

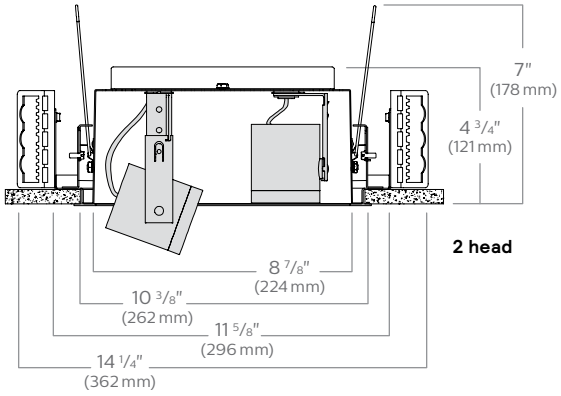
Recessed Multiples (600lm & 1000lm)

Dimensions Small (600lm & 1000lm)

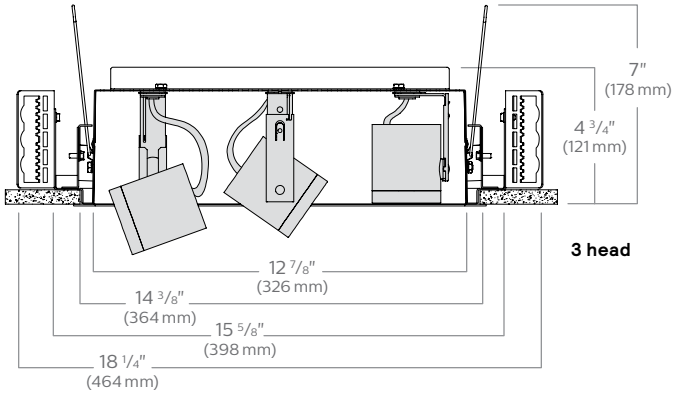


1 head

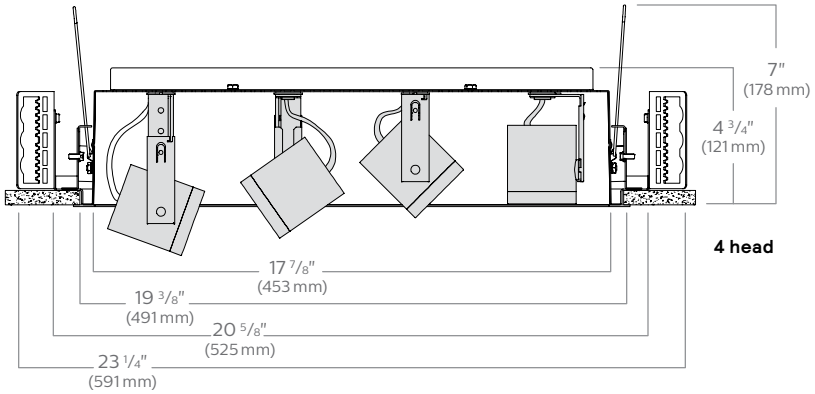




2 head



3 head



4 head

Reference Table

For frame in kit cutout

Model	Width	Length
LCRM10H1	5"	5"
LCRM10H2	5"	9 13/16"
LCRM10H3	5"	13 13/16"
LCRM10H4	5"	18 13/16"

LCRM OmniSpot LED

Recessed Multiples (600lm & 1000lm)

Photometry (600lm)

Download 600lm IES FIles

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Beam Spread	Color Temp (CCT)	Beam Angle (FWHM)	Flux (lm)	CBCP	Energy (W)	Efficacy (lm/W)	CRI	R9
Narrow Spot (RNS) 	2700K	12°	583	7325	5.9	99	93	55
	3000K	12°	626	7862	5.9	106	94	60
	3500K	12°	677	8504	5.9	115	91	50
	4000K	12°	686	8607	5.9	116	92	58
	Crisp White	12°	502	6297	5.9	85	96	67
	Premium White	12°	640	8697	5.9	109	92	50
	Premium Color	12°	595	7471	5.9	101	93	78
Spot (RS) 	2700K	18°	583	3748	5.9	99	93	55
	3000K	18°	625	4023	5.9	106	94	60
	3500K	18°	676	4351	5.9	115	91	50
	4000K	18°	685	4404	5.9	116	92	58
	Crisp White	18°	501	3222	5.9	85	96	67
	Premium White	18°	639	4450	5.9	108	92	50
	Premium Color	18°	594	3823	5.9	101	93	78
Narrow Flood (RNF) 	2700K	24°	577	2577	5.9	98	93	55
	3000K	24°	620	2766	5.9	105	94	60
	3500K	24°	670	2992	5.9	114	91	50
	4000K	24°	678	3029	5.9	115	92	58
	Crisp White	24°	496	2216	5.9	84	96	67
	Premium White	24°	634	3060	5.9	107	92	50
	Premium Color	24°	589	2629	5.9	100	93	78
Flood (RF) 	2700K	36°	575	1449	5.9	97	93	55
	3000K	36°	617	1555	5.9	105	94	60
	3500K	36°	668	1682	5.9	113	91	50
	4000K	36°	676	1703	5.9	115	92	58
	Crisp White	36°	494	1246	5.9	84	96	67
	Premium White	36°	631	1721	5.9	107	92	50
	Premium Color	36°	587	1478	5.9	99	93	78

1. Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at lightolier.com.
2. Crisp White, Premium White and Premium Color - 3000K results.
3. Color Rendering Index (CRI Ra) and Strong Red (R_9) are calculated in accordance with CIE 013.3-1995.

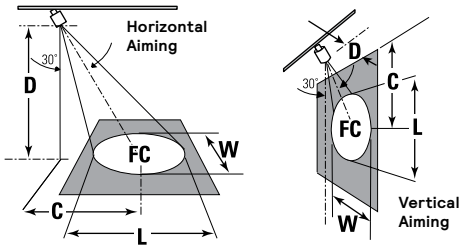
LCRM OmniSpot LED

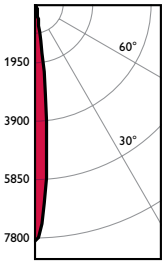
Recessed Multiples (600lm & 1000lm)

Aiming Angles Small (600lm)

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam. Data shown is for 3000K, use the table on the right for CRI/CCT adjustment factors.

D Distance
L Beam length
W Beam Width
A Aiming Angle
C Distance to center beam
FC Footcandles
CBCP Center Beam Candlepower





600lm Narrow Spot

LCL06930ALTE + LLMRNS

CCT[1]:	3000K
Output lumens:	626 lms
Input watts[2]:	5.9 W
Efficacy:	106.1 lm/w
CRI:	90 min
CBCP:	7,810 cd
Beam Angle:	12°
Field Angle:	24°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	141	1.7	1.5
8	4.6	79	2.3	1.9
10	5.8	51	2.8	2.4
12	6.9	35	3.4	2.9

30° Aiming Angle Vertical Illuminance on floor

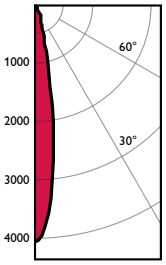
D	C	F.C.	L	W
2	3.5	244	1.7	0.8
3	5.2	108	2.6	1.3
4	6.9	61	3.5	1.7
5	8.7	39	4.3	2.1

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	27	5.2	2.5
8	13.9	15	7.0	3.4
10	17.3	10	8.7	4.2
12	20.8	7	10.4	5.0

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	1268	0.6	0.5
3	1.7	564	0.8	0.7
4	2.3	317	1.1	1.0
5	2.9	203	1.4	1.2



600lm Spot

LCL06930ALTE + LLMRS

CCT[1]:	3000K
Output lumens:	625 lms
Input watts[2]:	5.9 W
Efficacy:	105.9 lm/w
CRI:	90 min
CBCP:	4,023 cd
Beam Angle:	18°
Field Angle:	38°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	73	2.6	2.2
8	4.6	41	3.4	2.9
10	5.8	26	4.3	3.7
12	6.9	18	5.1	4.4

30° Aiming Angle Vertical Illuminance on floor

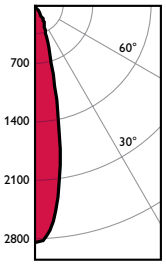
D	C	F.C.	L	W
2	3.5	126	2.7	1.3
3	5.2	56	4.1	1.9
4	6.9	31	5.5	2.5
5	8.7	20	6.9	3.2

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	14	8.2	3.8
8	13.9	8	11.0	5.1
10	17.3	5	13.7	6.3
12	20.8	3	16.4	7.6

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	653	0.9	0.7
3	1.7	290	1.3	1.1
4	2.3	163	1.7	1.5
5	2.9	105	2.1	1.8



600lm Narrow Flood

LCL06930ALTE + LLMRNF

CCT[1]:	3000K
Output lumens:	619 lms
Input watts[2]:	5.9 W
Efficacy:	104.9 lm/w
CRI:	90 min
CBCP:	2,766 cd
Beam Angle:	24°
Field Angle:	48°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	50	3.5	2.9
8	4.6	28	4.6	3.9
10	5.8	18	5.8	4.9
12	6.9	12	6.9	5.9

30° Aiming Angle Vertical Illuminance on floor

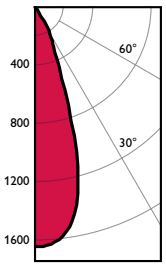
D	C	F.C.	L	W
2	3.5	86	3.9	1.7
3	5.2	38	5.9	2.6
4	6.9	22	7.9	3.4
5	8.7	14	9.8	4.3

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	10	11.8	5.1
8	13.9	5	15.7	6.8
10	17.3	3	19.7	8.5
12	20.8	2	23.6	10.2

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	449	1.2	1.0
3	1.7	200	1.7	1.5
4	2.3	112	2.3	2.0
5	2.9	72	2.9	2.5



600lm Flood

LCL06930ALTE + LLMRF

CCT[1]:	3000K
Output lumens:	616 lms
Input watts[2]:	5.9 W
Efficacy:	104.4 lm/w
CRI:	90 min
CBCP:	1,555 cd
Beam Angle:	36°
Field Angle:	62°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	28	5.4	4.5
8	4.6	16	7.2	6.0
10	5.8	10	9.0	7.5
12	6.9	7	10.8	9.0

30° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	3.5	49	7.6	2.6
3	5.2	22	11.4	3.9
4	6.9	12	15.2	5.2
5	8.7	8	19.0	6.5

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	5	22.8	7.8
8	13.9	3	30.4	10.4
10	17.3	2	38.0	13.0
12	20.8	1	45.7	15.6

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	253	1.8	1.5
3	1.7	112	2.7	2.3
4	2.3	63	3.6	3.0
5	2.9	40	4.5	3.8

1. Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSLG C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.
2. Wattage controlled to within +/- 5%.
Note: Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

LCRM OmniSpot LED

Recessed Multiples (600lm & 1000lm)

Photometry (1000lm)

Download 600lm IES FIles

Download REVIT files & BIM files

Beam Spread	Color Temp (CCT)	Beam Angle (FWHM)	Flux (lm)	CBCP	Energy (W)	Efficacy (lm/W)	CRI	R9
Narrow Spot (RNS) 	2700K	12°	1043	12950	11.5	91	93	55
	3000K	12°	1120	13901	11.5	97	94	60
	3500K	12°	1211	15035	11.5	105	91	50
	4000K	12°	1226	15218	11.5	107	92	58
	Crisp White	12°	897	11133	11.5	78	96	67
	Premium White	12°	1145	15377	11.5	100	92	50
	Premium Color	12°	1064	13210	11.5	93	93	78
Spot (RS) 	2700K	18°	1039	6828	11.5	90	93	55
	3000K	18°	1116	7329	11.5	97	94	60
	3500K	18°	1207	7928	11.5	105	91	50
	4000K	18°	1221	8024	11.5	106	92	58
	Crisp White	18°	893	5870	11.5	78	96	67
	Premium White	18°	1141	8108	11.5	99	92	50
	Premium Color	18°	1060	6965	11.5	92	93	78
Narrow Flood (RNF) 	2700K	24°	1015	4569	11.5	88	93	55
	3000K	24°	1090	4905	11.5	95	94	60
	3500K	24°	1179	5305	11.5	102	91	50
	4000K	24°	1193	5370	11.5	104	92	58
	Crisp White	24°	873	3928	11.5	76	96	67
	Premium White	24°	1115	5426	11.5	97	92	50
	Premium Color	24°	1036	4661	11.5	90	93	78
Flood (RF) 	2700K	36°	960	2376	11.5	83	93	55
	3000K	36°	1116	2821	11.5	97	94	60
	3500K	36°	1153	2925	11.5	100	91	50
	4000K	36°	1193	3027	11.5	104	92	58
	Crisp White	36°	894	2259	11.5	78	96	67
	Premium White	36°	1142	2991	11.5	99	92	50
	Premium Color	36°	1051	2663	11.5	89.1	93	78

1. Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at lightolier.com.
2. Crisp White, Premium White and Premium Color - 3000K results.
3. Color Rendering Index (CRI Ra) and Strong Red (R_9) are calculated in accordance with CIE 013.3-1995.

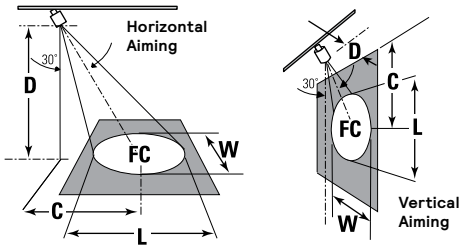
LCRM OmniSpot LED

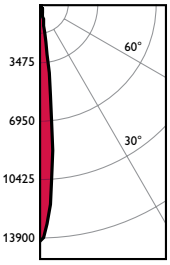
Recessed Multiples (600lm & 1000lm)

Aiming Angles Small (1000lm)

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam. Data shown is for 3000K, use the table on the right for CRI/CCT adjustment factors.

D Distance
L Beam length
W Beam Width
A Aiming Angle
C Distance to center beam
FC Footcandles
CBCP Center Beam Candlepower





1000lm Narrow Spot

LCL10930ALTE + LLMRNS

CCT[1]:	3000K
Output lumens:	1120 lms
Input watts[2]:	11.5 W
Efficacy:	97.4 lm/w
CRI:	90 min
CBCP:	13,900 cd
Beam Angle:	12°
Field Angle:	24°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	251	1.7	1.5
8	4.6	141	2.3	1.9
10	5.8	90	2.8	2.4
12	6.9	63	3.4	2.9

30° Aiming Angle Vertical Illuminance on floor

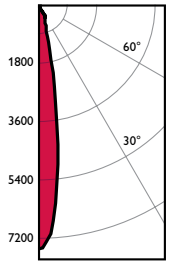
D	C	F.C.	L	W
2	3.5	434	1.7	0.8
3	5.2	193	2.6	1.3
4	6.9	109	3.5	1.7
5	8.7	70	4.3	2.1

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	48	5.2	2.5
8	13.9	27	7.0	3.4
10	17.3	17	8.7	4.2
12	20.8	12	10.4	5.0

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	2257	0.6	0.5
3	1.7	1003	0.8	0.7
4	2.3	564	1.1	1.0
5	2.9	361	1.4	1.2



1000lm Spot

LCL10930ALTE + LLMRS

CCT[1]:	3000K
Output lumens:	1114 lms
Input watts[2]:	11.5 W
Efficacy:	96.9 lm/w
CRI:	90 min
CBCP:	7,329 cd
Beam Angle:	18°
Field Angle:	36°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	132	2.6	2.2
8	4.6	74	3.4	2.9
10	5.8	48	4.3	3.7
12	6.9	33	5.1	4.4

30° Aiming Angle Vertical Illuminance on floor

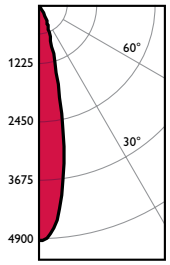
D	C	F.C.	L	W
2	3.5	229	2.7	1.3
3	5.2	102	4.1	1.9
4	6.9	57	5.5	2.5
5	8.7	37	6.9	3.2

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	25	8.2	3.8
8	13.9	14	11.0	5.1
10	17.3	9	13.7	6.3
12	20.8	6	16.4	7.6

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	1190	0.9	0.7
3	1.7	529	1.3	1.1
4	2.3	298	1.7	1.5
5	2.9	190	2.1	1.8



1000lm Narrow Flood

LCL10930ALTE + LLMRNF

CCT[1]:	3000K
Output lumens:	1088 lms
Input watts[2]:	11.5 W
Efficacy:	94.6 lm/w
CRI:	90 min
CBCP:	4,905 cd
Beam Angle:	24°
Field Angle:	48°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	88	3.5	2.9
8	4.6	50	4.6	3.9
10	5.8	32	5.8	4.9
12	6.9	22	6.9	5.9

30° Aiming Angle Vertical Illuminance on floor

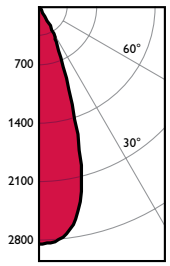
D	C	F.C.	L	W
2	3.5	153	3.9	1.7
3	5.2	68	5.9	2.6
4	6.9	38	7.9	3.4
5	8.7	25	9.8	4.3

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	17	11.8	5.1
8	13.9	10	15.7	6.8
10	17.3	6	19.7	8.5
12	20.8	4	23.6	10.2

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	796	1.2	1.0
3	1.7	354	1.7	1.5
4	2.3	199	2.3	2.0
5	2.9	127	2.9	2.5



1000lm Flood

LCL10930ALTE + LLMRF

CCT[1]:	3000K
Output lumens:	1114 lms
Input watts[2]:	11.5 W
Efficacy:	96.9 lm/w
CRI:	90 min
CBCP:	2,821 cd
Beam Angle:	36°
Field Angle:	62°

30° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	3.5	51	5.4	4.5
8	4.6	29	7.2	6.0
10	5.8	18	9.0	7.5
12	6.9	13	10.8	9.0

30° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	3.5	88	7.6	2.6
3	5.2	39	11.4	3.9
4	6.9	22	15.2	5.2
5	8.7	14	19.0	6.5

60° Aiming Angle Horizontal Illuminance on floor

D	C	F.C.	L	W
6	10.4	10	22.8	7.8
8	13.9	6	30.4	10.4
10	17.3	4	38.0	13.0
12	20.8	2	45.7	15.6

60° Aiming Angle Vertical Illuminance on floor

D	C	F.C.	L	W
2	1.2	458	1.8	1.5
3	1.7	204	2.7	2.3
4	2.3	115	3.6	3.0
5	2.9	73	4.5	3.8

1. Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSLG C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.
2. Wattage controlled to within +/- 5%.
Note: Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

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