



## Series Spec Sheet

# KOLIKA QUICK SHIP - L1KCL GEN 2

## 2', 4' & 8' 3 CCT SELECTABLE SUSPENDED

The KOLIKA luminaires offer a sleek and lightweight design, making it the perfect choice for creating a modern atmosphere in any office, commercial or retail space. The fixtures are available in black and white with the versatility to change color temperature using a simple switch and corner connector accessories which simplify lighting set ups in a wide range of shapes and configurations.

### FEATURES AND SPECIFICATIONS

#### • Construction

**Housing**  
The body is made of extruded aluminum

**Finishes**  
Matte white and matte black

**Lens**  
Opal acrylic

#### • Installation

Suspended installation

10' suspended aviation cable, 10' power cord and one canopy are included

#### Row mounting

A joiner accessory is sold separately and provides a continuous mount with seamless lighting.

#### Illuminated corner connectors

Ready-to install L, T, X, Y and 120-degree corner connectors simplifies installation for various design patterns.

#### • Specifications

**Driver**  
120-277 V electronic driver with 0-10 V dimming standard.

**Lumens**  
25% of lumens delivered uplight  
75% of lumens delivered downlight

**Beam angle**  
– 2': V: 88°/ H: 96°  
– 4': V: 108°/ H: 105°  
– 8': V: 108°/ H: 105°

**Ambient temperature**  
– -20°C to 40°C / -4°F to 104°F

#### • Compliances

- DLC Listed
- cULus
- ICES-005 for Class A products
- Suitable for damp locations



### OVERVIEW

Light source	LED
Watts (W)	20 - 80
Lumen output (lm)	2 100 - 10 000
Efficiency (lm/W)	105 - 125
Color temperature (K)	3 000/3 500/4 000
CRI	80+
Weight (lbs)	2': 3, 4': 6, 8': 12

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**

Order code	Model number	DLC Unique ID	Watts (W)	Volts (VAC)	Colour temp. (K) <sup>1</sup>	Lumen Output (lm) <sup>2</sup>	Efficiency (lm/W)	CRI	Life L70 (hrs) <sup>3</sup>	Tested LM-80 (hrs) <sup>3</sup>	Finish	Power factor	THD (%)	Case qty (master)
<b>2'</b>														
<b>Direct</b>														
69604	L1KCL-G2-2LS1-3C-WH	S-DZMCH	20	120-277	3 000/3 500/4 000	2 300 <sup>4</sup>	115	80+	137 000	9 000	White	>0.9	<15	4
69605	L1KCL-G2-2LS1-3C-BK	N/A	20	120-277	3 000/3 500/4 000	2 300	115	80+	137 000	9 000	Black	>0.9	<15	4
<b>Direct/Indirect</b>														
69606	L1KCL-G2-2LS1U-3C-WH	N/A	20	120-277	3 000/3 500/4 000	2 400 <sup>5</sup>	120	80+	137 000	9 000	White	>0.9	<15	4
69607	L1KCL-G2-2LS1U-3C-BK	N/A	20	120-277	3 000/3 500/4 000	2 300 <sup>5</sup>	115	80+	137 000	9 000	Black	>0.9	<15	4
<b>4'</b>														
<b>Direct</b>														
68575 <sup>6</sup>	L1KCL-G2-4LS1-3C-WH	N/A	25	120-277	3 000/3 500/4 000	3 026	121	80+	137 000	9 000	White	>0.9	<15	6
68576	L1KCL-G2-4LS2-3C-WH	S-PHBN72	40	120-277	3 000/3 500/4 000	4 600 <sup>4</sup>	115	80+	137 000	9 000	White	>0.9	<15	6
68577	L1KCL-G2-4LS2-3C-BK	N/A	40	120-277	3 000/3 500/4 000	4 844	121	80+	137 000	9 000	Black	>0.9	<15	6
<b>Direct/Indirect</b>														
68578	L1KCL-G2-4LS2U-3C-WH	N/A	40	120-277	3 000/3 500/4 000	5 000 <sup>5</sup>	125	80+	137 000	9 000	White	>0.9	<15	6
68579	L1KCL-G2-4LS2U-3C-BK	N/A	40	120-277	3 000/3 500/4 000	4 800 <sup>5</sup>	120	80+	137 000	9 000	Black	>0.9	<15	6
<b>8'</b>														
<b>Direct</b>														
68580	L1KCL-G2-8LS1-3C-WH	S-2M4KCN	80	120-277	3 000/3 500/4 000	9 200 <sup>4</sup>	115	80+	137 000	9 000	White	>0.9	<15	4
68581	L1KCL-G2-8LS1-3C-BK	N/A	80	120-277	3 000/3 500/4 000	9 760	122	80+	137 000	9 000	Black	>0.9	<15	4
<b>Direct/Indirect</b>														
68582	L1KCL-G2-8LS1U-3C-WH	N/A	80	120-277	3 000/3 500/4 000	10 000 <sup>5</sup>	125	80+	137 000	9 000	White	>0.9	<15	4
68583	L1KCL-G2-8LS1U-3C-BK	N/A	80	120-277	3 000/3 500/4 000	9 600 <sup>5</sup>	120	80+	137 000	9 000	Black	>0.9	<15	4

<sup>1</sup> Typical color temperature range: +/- 5 %.  
<sup>2</sup> Lumen values are based on 3 500 K default setting. Please refer to Quick Ship Technical Specification Table for more details on other color temperatures.  
<sup>3</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.  
<sup>4</sup> Lumen values are derived from DLC reported data at 3 000 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.  
<sup>5</sup> 25% of lumen delivered uplight / 75% of lumen delivered downlight.  
<sup>6</sup> Fixture is not compatible with the corner connectors.

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**

**Direct**

Order code	Model number	Watts (W)	3 000 K		3 500 K		4 000 K	
			Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)
69604	L1KCL-G2-2LS1-3C-WH	20	2 300	115	2 400	120	2 340	117
69605	L1KCL-G2-2LS1-3C-BK	20	2 120	106	2 300	115	2 200	110
68575	L1KCL-G2-4LS1-3C-WH	25	2 875	115	3 026	121	3 058	122
68576	L1KCL-G2-4LS2-3C-WH	40	4 600	115	4 844	121	4 827	121
68577	L1KCL-G2-4LS2-3C-BK	40	4 538	113	4 844	121	4 827	121
68580	L1KCL-G2-8LS1-3C-WH	80	9 200	115	9 760	122	9 680	121
68581	L1KCL-G2-8LS1-3C-BK	80	9 120	114	9 760	122	9 680	121

Default programming: 3 500K

**Direct / Indirect**

Order code	Model number	Watts (W)	3 000 K				3 500 K				4 000 K			
			Total lumens (lm)	Up light lumens (lm)	Down light lumens (lm)	Efficiency (lm/w)	Total lumens (lm)	Up light lumens (lm)	Down light lumens (lm)	Efficiency (lm/w)	Total lumens (lm)	Up light lumens (lm)	Down light lumens (lm)	Efficiency (lm/w)
69606	L1KCL-G2-2LS1U-3C-WH	20	2 200	550	1 650	110	2 400	600	1 800	120	2 300	575	1 725	115
69607	L1KCL-G2-2LS1U-3C-BK	20	2 100	525	1 575	105	2 300	575	1 725	115	2 200	550	1 650	110
68578	L1KCL-G2-4LS2U-3C-WH	40	4 600	1 150	3 450	115	5 000	1 250	3 750	125	4 800	1 200	3 600	120
68579	L1KCL-G2-4LS2U-3C-BK	40	4 400	1 100	3 300	110	4 800	1 200	3 600	120	4 600	1 150	3 450	115
68582	L1KCL-G2-8LS1U-3C-WH	80	9 200	2 300	6 900	115	10 000	2 500	7 500	125	9 600	2 400	7 200	120
68583	L1KCL-G2-8LS1U-3C-BK	80	8 800	2 200	6 600	110	9 600	2 400	7 200	120	9 200	2 300	6 900	115

Default programming: 3 500K

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**

**ILLUMINATED DIRECT CORNER CONNECTORS (ORDER SEPARATELY)**

Order code	Model number	Shape	Compatible with	CRI	Environment	Dimmable	Finish	life L70 (Hrs)	Tested LM-80 (hrs)	Warranty years	Master Case QTY
69608	L1KCL-G2-L90CON-LS1-WH	L shape	L1KCL Gen2 Only	80+	Damp location	Yes	White	137 000	9 000	5	8
69609	L1KCL-G2-L90CON-LS1-BK	L shape	L1KCL Gen2 Only	80+	Damp location	Yes	Black	137 000	9 000	5	8
69610	L1KCL-G2-TCON-LS1-WH	T shape	L1KCL Gen2 Only	80+	Damp location	Yes	White	137 000	9 000	5	12
69611	L1KCL-G2-TCON-LS1-BK	T shape	L1KCL Gen2 Only	80+	Damp location	Yes	Black	137 000	9 000	5	12
69612	L1KCL-G2-XCON-LS1-WH	X shape	L1KCL Gen2 Only	80+	Damp location	Yes	White	137 000	9 000	5	8
69613	L1KCL-G2-XCON-LS1-BK	X shape	L1KCL Gen2 Only	80+	Damp location	Yes	Black	137 000	9 000	5	8
69614	L1KCL-G2-YCON-LS1-WH	Y shape	L1KCL Gen2 Only	80+	Damp location	Yes	White	137 000	9 000	5	8
69615	L1KCL-G2-YCON-LS1-BK	Y shape	L1KCL Gen2 Only	80+	Damp location	Yes	Black	137 000	9 000	5	8
69616	L1KCL-G2-120CON-LS1-WH	120°	L1KCL Gen2 Only	80+	Damp location	Yes	White	137 000	9 000	5	8
69617	L1KCL-G2-120CON-LS1-BK	120°	L1KCL Gen2 Only	80+	Damp location	Yes	Black	137 000	9 000	5	8

\* Straight connection kits (brackets) included with each corner connector.

**ACCESSORIES (ORDER SEPARATELY)**

Order code	Model number	Type	Compatible with
68584	KIT-CK2	Continuous kit for row mounting	L1KCL Gen2 Only
69097	KIT-CANOPY-WH	Canopy Kit with suspension cable	L1KCL Gen2 Only
69098	KIT-CANOPY-BK	Canopy Kit with suspension cable	L1KCL Gen2 Only

\* Please ensure to order a new kit for every fixture added.

**COMPATIBLE DIMMERS**

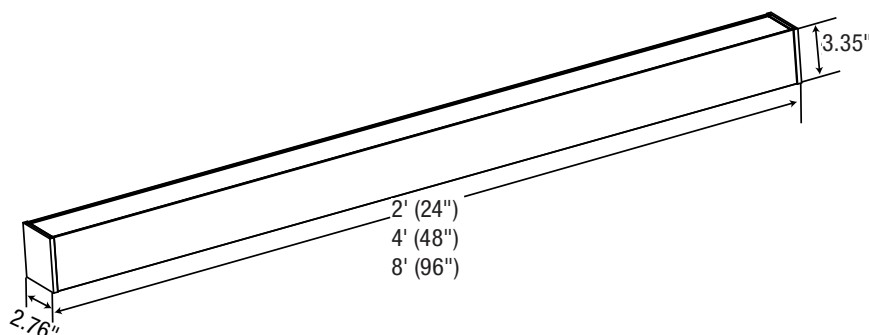
Brand	Model number
Lutron	DVSTV-WH
	DVTV-WH
Eaton	DF10P-C1
Cooper	SF10P-W
Leviton	DS710-10Z

<sup>1</sup> Dimming range: 10%-100%

<sup>2</sup> The fixture dimmer compatibility table shown above is for dimming functionality only. The dimmers listed in this chart may not comply to ICES 005 class A or B standards. To confirm ICES 005 compliance please contact the dimmer manufacturer.

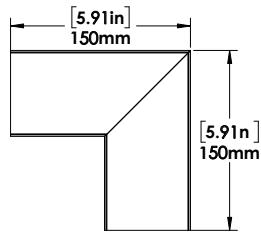
**DIMENSIONS**

**L1KCL G2**

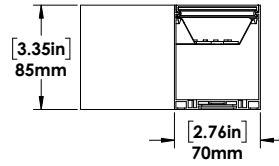


**CORNER CONNECTORS DIMENSIONS**

**L-CORNER CONNECTOR**

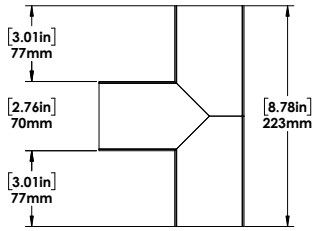
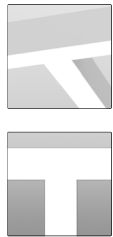


TOP VIEW

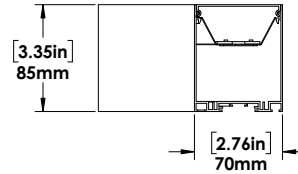


FRONT VIEW

**T-CORNER CONNECTOR**

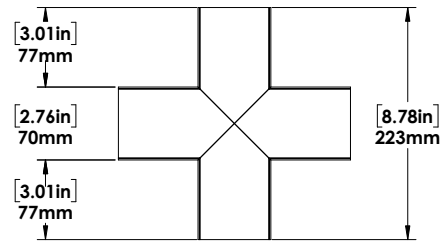
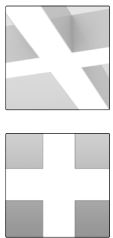


TOP VIEW

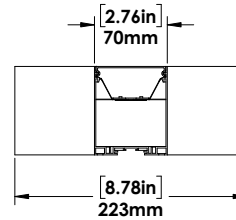


FRONT VIEW

**X-CORNER CONNECTOR**

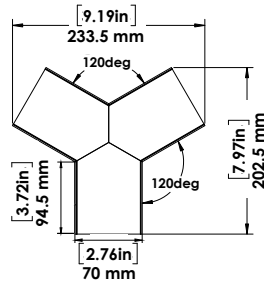


TOP VIEW

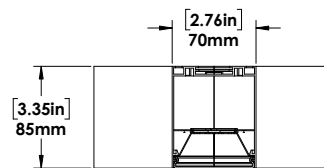


FRONT VIEW

**Y-CORNER CONNECTOR**

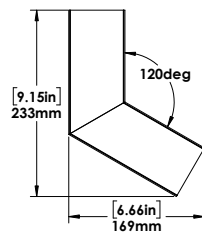


TOP VIEW

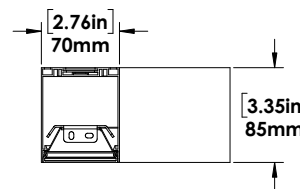


FRONT VIEW

**120-DEGREE CORNER CONNECTOR**



TOP VIEW

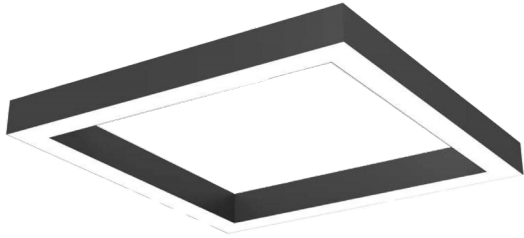
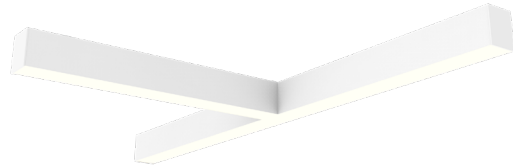
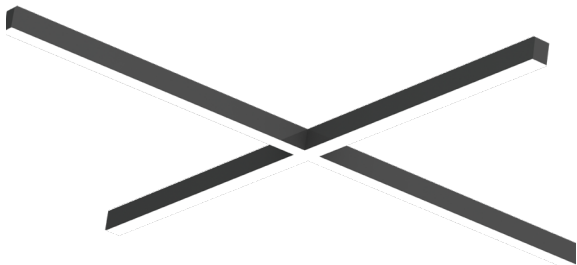
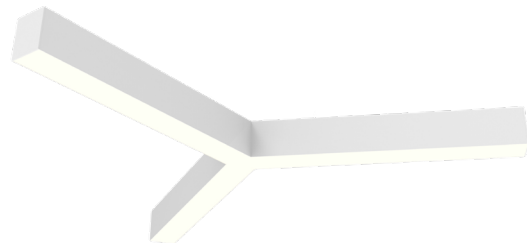
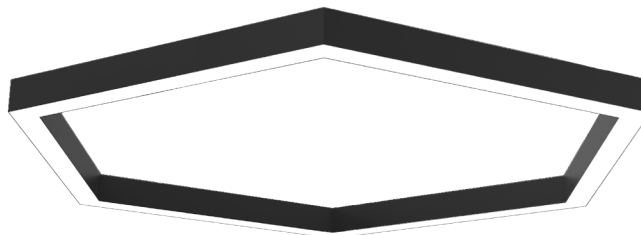


FRONT VIEW

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.

**APPLICATION IDEAS**

Custom configurations using the corner connectors :

**L-CORNER CONNECTOR****T-CORNER CONNECTOR****X-CORNER CONNECTOR****Y-CORNER CONNECTOR****120-DEGREE CORNER CONNECTOR**

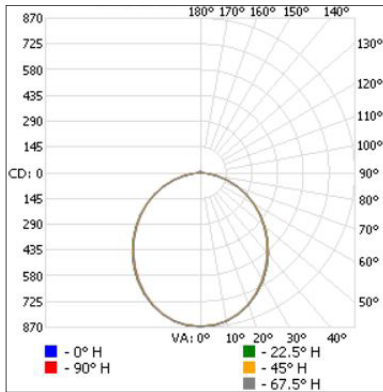
\* For visual purposes only.  
Canopy and suspension components may vary depending on configuration.

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

69604 • L1KCL-G2-2LS1-3C-WH/35K • 2 354.9 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	656.4	27.9
0-40	1 060.2	45
0-60	1 835.7	77.9
60-90	496.9	21.1
70-100	219.6	9.3
90-120	8.0	0.3
0-90	2 332.5	99
90-180	22.4	1
0-180	2 354.9	100

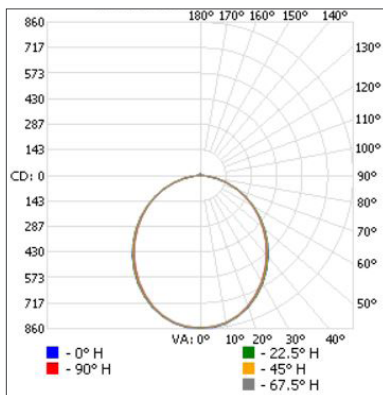
**Illuminance at a distance**

Center beam fc	Beam width
1.7'	4.6' 4.5'
3.3'	8.9' 8.7'
5.0'	13.4' 13.2'
6.7'	18.0' 17.7'
8.3'	22.3' 21.9'
10.0'	26.9' 26.4'

■ Vert. spread: 106.7°  
■ Horiz. spread: 105.8°

69605 • L1KCL-G2-2LS1-3C-BK/35K • 2 329.8 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	651.8	28
0-40	1 053.1	45.2
0-60	1 822.2	78.2
60-90	486.7	20.9
70-100	212.3	9.1
90-120	6.6	0.3
0-90	2 308.9	99.1
90-180	20.9	0.9
0-180	2 329.8	100

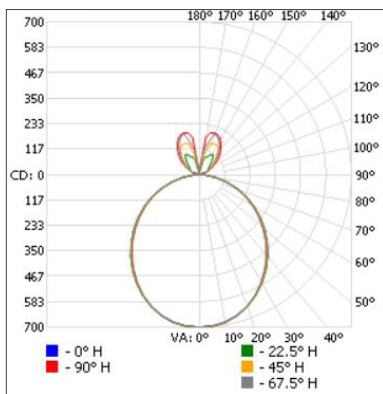
**Illuminance at a distance**

Center beam fc	Beam width
1.7'	4.6' 4.4'
3.3'	8.9' 8.6'
5.0'	13.5' 13.1'
6.7'	18.1' 17.5'
8.3'	22.4' 21.7'
10.0'	27.0' 26.1'

■ Vert. spread: 107.0°  
■ Horiz. spread: 105.1°

69606 • L1KCL-G2-2LS1U-3C-WH/35K • 2 304.2 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	536.4	23.3
0-40	868.5	37.7
0-60	1 509.4	65.5
60-90	414.4	18
70-100	188.3	8.2
90-120	74.5	3.2
0-90	1 923.8	83.5
90-180	380.4	16.5
0-180	2 304.2	100

**Illuminance at a distance**

Center beam fc	Beam width
1.7'	4.7' 4.6'
3.3'	9.2' 8.9'
5.0'	13.9' 13.4'
6.7'	18.6' 18.0'
8.3'	23.0' 22.3'
10.0'	27.8' 26.9'

■ Vert. spread: 108.5°  
■ Horiz. spread: 106.7°

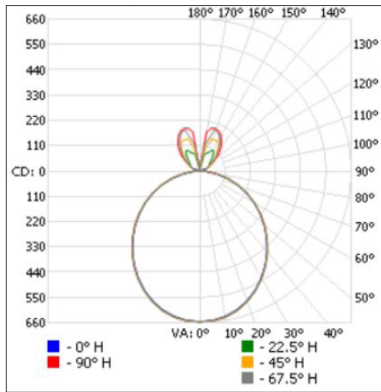
<sup>1</sup> Complete IES files available on our website.

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

69607 • L1KCL-G2-2LS1U-3C-BK/35K • 2 179.6 lm

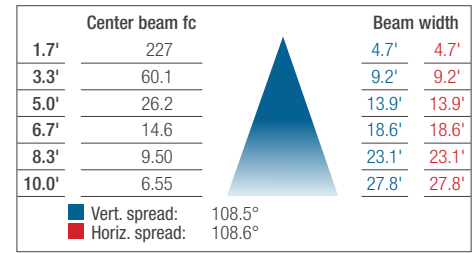
**Polar candela distribution**



**Zonal lumen summary**

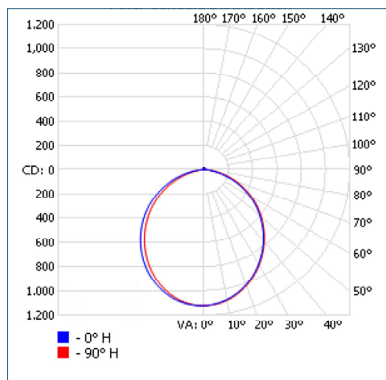
Zone	Lumens	% Fixture
0-30	536.4	23.3
0-40	868.5	37.7
0-60	1 509.4	65.5
60-90	414.4	18
70-100	188.3	8.2
90-120	74.5	3.2
0-90	1 923.8	83.5
90-180	380.4	16.5
0-180	2 179.6	100

**Illuminance at a distance**



68575 • L1KCL-G2-4LS1-3C-WH • 3 026 lm • 3 500K

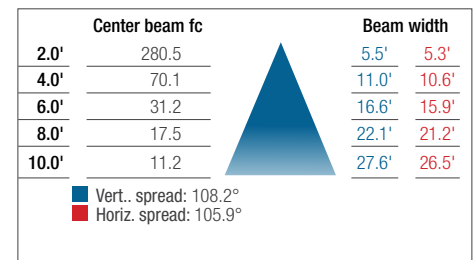
**Polar candela distribution**



**Zonal lumen summary**

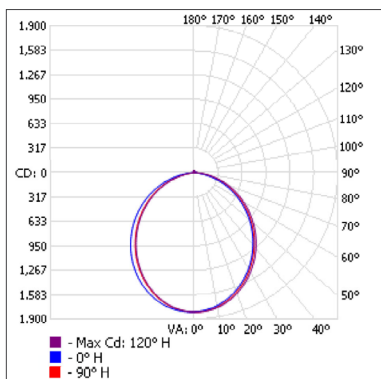
Zone	Lumens	% Fixture
0-30	854.9	28.3
0-40	1 385.3	45.8
0-60	2 403.2	79.4
60-90	585.9	19.4
70-100	233.4	7.7
90-120	11.2	0.4
0-90	2 989.2	98.8
90-180	36.8	1.2
0-180	3 026.0	100

**Illuminance at a distance**



68576 • L1KCL-G2-4LS2-3C-WH • 4 843.7 lm • 3 500K

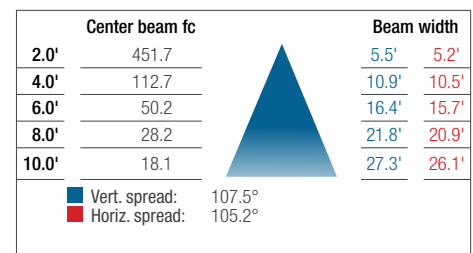
**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 374.7	28.4
0-40	2 224.4	45.9
0-60	3 849.5	79.5
60-90	934.9	19.3
70-100	372.9	7.7
90-120	18.1	0.4
0-90	4 784.4	98.8
90-180	59.3	1.2
0-180	4 843.7	100

**Illuminance at a distance**



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

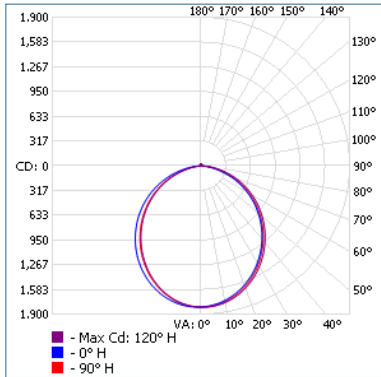
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**PHOTOMETRIC DATA<sup>1</sup>**

68577 • L1KCL-G2-4LS2-3C-BK • 4 827.4 lm • 3 500K

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 368.3	28.3
0-40	2 214.6	45.9
0-60	3 834.9	79.4
60-90	933.5	19.3
70-100	372.2	7.7
90-120	18.0	0.4
0-90	4 768.4	98.8
90-180	59.0	1.2
0-180	4 827.4	100

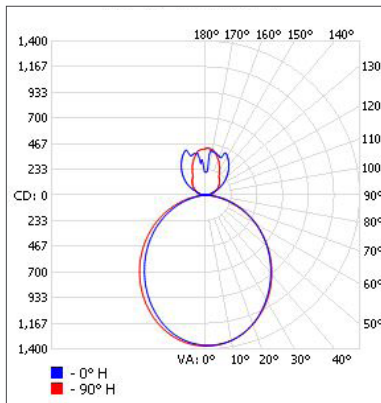
**Illuminance at a distance**

	Center beam fc		Beam width	
	2.0'	4.0'	5.5'	5.2'
2.0'	449.7		11.0'	10.5'
4.0'	112.4		16.4'	15.7'
6.0'	50.0		21.9'	21.0'
8.0'	28.1		27.4'	26.2'
10.0'	18.0			

■ Vert. spread: 107.7°  
■ Horiz. spread: 105.3°

68578 • L1KCL-G2-4LS2U-3C-WH • 4 552.5 lm • 3 500K

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 032.0	22.7
0-40	1 660.0	36.5
0-60	2 841.5	62.4
60-90	682.5	15
70-100	289.3	6.4
90-120	185.5	4.1
0-90	3 524.0	77.4
90-180	1 028.5	22.6
0-180	4 552.5	100

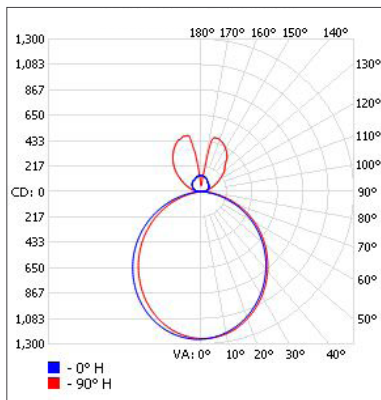
**Illuminance at a distance**

	Center beam fc		Beam width	
	1.7'	3.3'	4.2'	4.4'
1.7'	473		8.1'	8.6'
3.3'	125		12.3'	13.1'
5.0'	54.6		16.4'	17.5'
6.7'	30.4		20.3'	21.7'
8.3'	19.8		24.5'	26.1'
10.0'	13.7			

■ Vert. spread: 101.6°  
■ Horiz. spread: 105.2°

68579 • L1KCL-G2-4LS2U-3C-BK • 4 413.6 lm • 3 500K

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	956.0	21.7
0-40	1 549.1	35.1
0-60	2 687.9	60.9
60-90	662.3	15
70-100	286.1	6.5
90-120	218.4	4.9
0-90	3 350.1	75.9
90-180	1 063.5	24.1
0-180	4 413.6	100

**Illuminance at a distance**

	Center beam fc		Beam width	
	1.7'	3.3'	4.7'	4.5'
1.7'	436		9.1'	8.7'
3.3'	116		13.8'	13.2'
5.0'	50.3		18.5'	17.7'
6.7'	28.0		22.9'	21.9'
8.3'	18.3		27.6'	26.4'
10.0'	12.6			

■ Vert. spread: 108.1°  
■ Horiz. spread: 105.7°

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

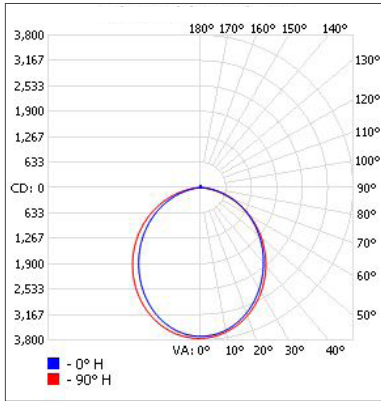
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.



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

68580 • L1KCL-G2-8LS1-3C-WH • 9 794.4 lm • 3 500K

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	2 831.0	28.9
0-40	4 557.9	46.5
0-60	7 812.7	79.8
60-90	1 880.3	19.2
70-100	760.3	7.8
90-120	29.8	0.3
0-90	9 693.1	99
90-180	101.3	1
0-180	9 794.4	100

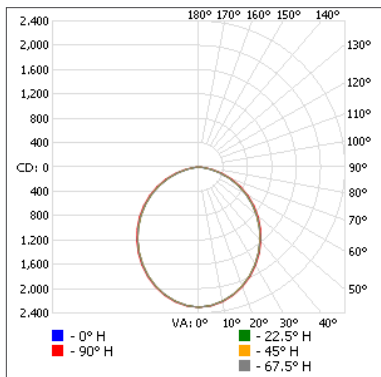
**Illuminance at a distance**

Center beam fc		Beam width	
1.7'	1 283	4.1'	4.5'
3.3'	340	8.0'	8.8'
5.0'	148	12.1'	13.3'
6.7'	82.6	16.2'	17.8'
8.3'	53.8	20.1'	22.1'
10.0'	37.1	24.2'	26.6'

■ Vert. spread: 100.9°  
■ Horiz. spread: 106.1°

68581 • L1KCL-G2-8LS1-3C-BK • 6 108.9 lm • 3 500K

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 732.8	28.4
0-40	2 806.1	45.9
0-60	4 875.9	79.8
60-90	1 233.0	20.2
0-90	6 108.9	100

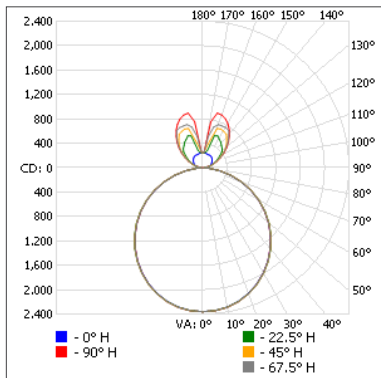
**Illuminance at a distance**

Center beam fc		Beam width	
2.0'	573.6	5.4'	5.5'
4.0'	143.4	10.7'	11.0'
6.0'	63.7	16.1'	16.5'
8.0'	35.9	21.4'	21.9'
10.0'	22.9	26.8'	27.4'

■ Vert. spread: 106.5°  
■ Horiz. spread: 107.8°

68583 • L1KCL-G2-8LS1U-3C-BK • 9 208.1 lm • 3 500K

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 901.0	20.6
0-40	3 117.9	33.9
0-60	5 554.8	60.3
60-90	1 626.5	17.7
70-100	745.5	8.2
90-120	409.5	4.4
0-90	7 181.3	78
90-180	2 026.8	22
0-180	9 208.1	100

**Illuminance at a distance**

Center beam fc		Beam width	
2.0'	609.6	6.2'	6.2'
4.0'	152.4	12.4'	12.3'
6.0'	67.7	18.5'	18.5'
8.0'	38.1	24.7'	24.7'
10.0'	24.4	30.9'	30.9'

■ Vert. spread: 114.1°  
■ Horiz. spread: 114.1°

<sup>1</sup> 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.