

Project: _____ Type: _____
 Drawn by: _____ Catalogue #: _____ Date: _____

Individual Spec Sheet

KOLIKA - R1KCL

LED ARCHITECTURAL RING SUSPENDED

4 CCT and 4 Power Selectable

Direct/Indirect Light Ratio Selectable

ORDERING INFORMATION

Order Code: 70338
Model Number: R1KCL-3LS1U-PS80-4CBK
UPC: 069549033931
Case Quantity: 1

PHYSICAL DATA

Size in. (cm): 35 3/8 (90)
Lens Material: Frosted polycarbonate
Housing Material: Powder coated extruded aluminum
Housing Finish: Matte black (RAL 9011)
Mounting: Suspended
Suspension Type: Aircraft cable
Suspension Length: 10 ft adjustable
Light Ratio: 4 integrated options:
 0 % indirect / 100 % direct, 30 % indirect / 70 % direct,
 40 % indirect / 60 % direct, 50 % indirect / 50 % direct

PERFORMANCE DATA

Watts (W): 50/60/70/80
Volts (V AC): 120-347
Color Temperature (K)¹: 3 000/3 500/4 000/5 000
Lumen Output (lm)^{2,3}: 3 583/4 291/4 884/5 598
Efficacy (lm/W): 72/72/70/70
CRI: 90
Life L70 (h)⁴: >54 000
Tested LM-80 (h)⁴: 9 000
Dimming: 0-10 V
Power Factor: >0.90
THD (%): <20
Frequency (Hz): 50/60
Surge Protection (kV): 2
Operating Temp. Range: -20 °C to 40 °C (-4 °F to 104 °F)

¹ Typical colour temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 3 000 K, 100 % direct light default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

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



This lighting equipment meets requirements of ICES-005 issue 5 class B for use in residential applications at 120 V.
 This lighting equipment meets requirements of ICES-005 issue 5 class A for use in commercial applications for other voltages.
 Data is based upon tests performed in a controlled environment.
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

LUMEN SPECIFICATION TABLE

Direct

Watts	3 000 K		3 500 K		4 000 K		5 000 K	
(W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
0 % Indirect / 100 % Direct								
50	3 583	72	3 583	72	3 499	70	3 499	70
60	4 291	72	4 291	72	4 291	72	4 291	72
70	4 884	70	4 884	70	4 884	70	4 884	70
80	5 598	70	5 598	70	5 683	71	5 683	71

Direct/Indirect

Watts	3 000 K				3 500 K				4 000 K				5 000 K			
(W)	Total lumens (lm)	Indirect Light lumens (lm)	Direct Light lumens (lm)	Efficiency (lm/W)	Total lumens (lm)	Indirect Light lumens (lm)	Direct Light lumens (lm)	Efficiency (lm/W)	Total lumens (lm)	Indirect Light lumens (lm)	Direct Light lumens (lm)	Efficiency (lm/W)	Total lumens (lm)	Indirect Light lumens (lm)	Direct Light lumens (lm)	Efficiency (lm/W)
30 % Indirect / 70 % Direct																
50	2 946	884	2 062	59	2 946	884	2 062	59	2 903	871	2 032	58	2 903	871	2 032	58
60	3 577	1 073	2 504	60	3 577	1 073	2 504	60	3 577	1 073	2 504	60	3 577	1 073	2 504	60
70	4 078	1 223	2 855	58	4 078	1 223	2 855	58	4 078	1 223	2 855	58	4 078	1 223	2 855	58
80	4 733	1 420	3 313	59	4 733	1 420	3 313	59	4 771	1 431	3 340	60	4 771	1 431	3 340	60
40 % Indirect / 60 % Direct																
50	2 794	1 118	1 676	56	2 794	1 118	1 676	56	2 775	1 110	1 665	56	2 775	1 110	1 665	56
60	3 422	1 369	2 053	57	3 422	1 368.8	2 053.2	57	3 422	1 369	2 053	57	3 422	1 369	2 053	57
70	3 904	1 562	2 342	56	3 906	1 562	2 344	56	3 904	1 562	2 342	56	3 904	1 562	2 342	56
80	4 517	1 807	2 710	56	4 517	1 807	2 710	56	4 575	1 830	2 745	57	4 575	1 830	2 745	57
50 % Indirect / 50 % Direct																
50	2 719	1 360	1 360	54	2 719	1 360	1 360	54	2 727	1 364	1 364	55	2 727	1 364	1 364	55
60	3 350	1 675	1 675	56	3 350	1 675	1 675	56	3 350	1 675	1 675	56	3 350	1 675	1 675	56
70	3 821	1 910.5	1 910.5	55	3 821	1 911	1 911	55	3 821	1 911	1 911	55	3 821	1 911	1 911	55
80	4 432	2 216	2 216	55	4 432	2 216	2 216	55	4 479	2 240	2 240	56	4 479	2 240	2 240	56

DEFAULT PROGRAMMING

80 W / 3 000 K

0 % Indirect / 100 % Direct

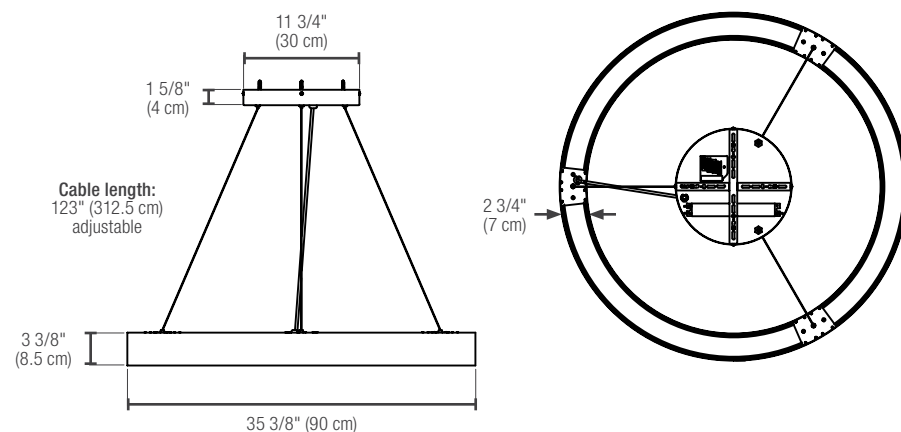
COMPATIBLE DIMMERS¹

Brand	Model
LUTRON	DIVA DVSTV, NOVA NTSTV DV
LEVITON	DD 710, AWSMT-7DW, DS 710
LEGRAND	RH4FBL3PTC, WS4FBL3P

Dimming range: 0 % - 100 %

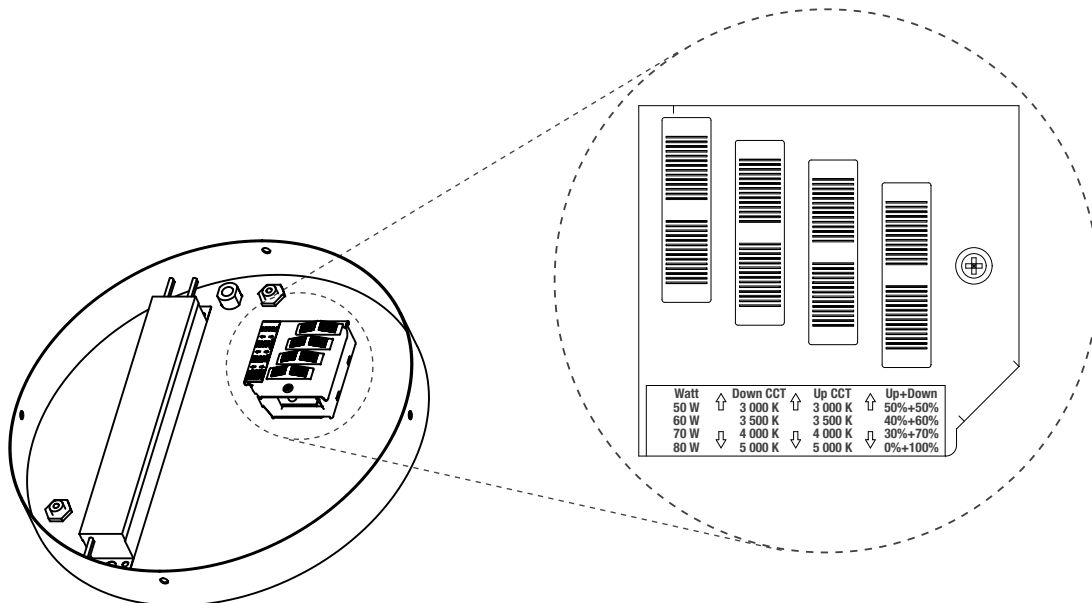
¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

DIMENSIONS AND WEIGHT



Net weight (lbs)	17.6
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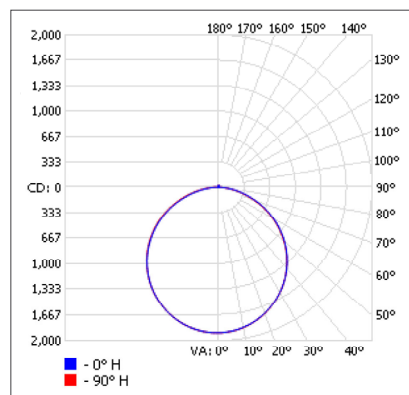
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.



PHOTOMETRIC DATA¹

70338 • R1KCL-3LS1U-PS80-4CBK • 0% INDIRECT / 100% DIRECT • 80 W • 3 000 K • 5 598.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 481.1	26.5
0-40	2 432.7	43.5
0-60	4 330.6	77.4
60-90	1 222.3	21.8
70-100	526.6	9.4
90-120	11.5	0.2
0-90	5 552.9	99.2
90-180	45.5	0.8
0-180	5 598.4	100

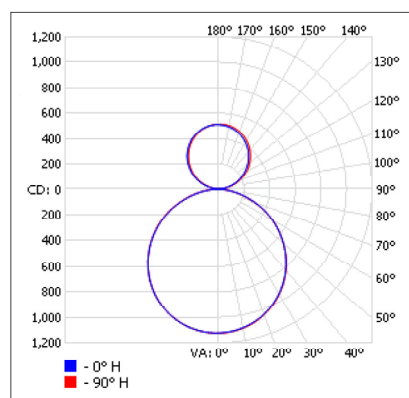
Illuminance at a distance

Center beam fc		Beam width	
1.7'	657	5.3'	5.3'
3.3'	174	10.2'	10.2'
5.0'	76.0	15.4'	15.5'
6.7'	42.3	20.7'	20.7'
8.3'	27.6	25.6'	25.7'
10.0'	19.0	30.9'	31.0'

■ Vert. spread: 114.2°
■ Horiz. spread: 114.3°

70338 • R1KCL-3LS1U-PS80-4CBK • 30% INDIRECT / 70% DIRECT • 80 W • 3 000 K • 4 733.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	876.4	18.5
0-40	1 439.4	30.4
0-60	2 562.4	54.1
60-90	724.9	15.3
70-100	332.5	7
90-120	298.8	6.3
0-90	3 287.3	69.4
90-180	1 446.1	30.6
0-180	4 733.4	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	389	5.2'	5.3'
3.3'	103	10.2'	10.2'
5.0'	45.0	15.4'	15.5'
6.7'	25.0	20.7'	20.7'
8.3'	16.3	25.6'	25.7'
10.0'	11.2	30.9'	31.0'

■ Vert. spread: 114.1°
■ Horiz. spread: 114.3°

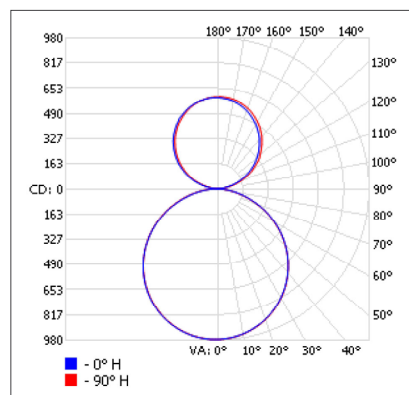
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

70338 • R1KCL-3LS1U-PS80-4CBK • 40% INDIRECT / 60% DIRECT • 80 W • 3 000 K • 4 517.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	759.8	16.8
0-40	1 247.9	27.6
0-60	2 221.4	49.2
60-90	628.3	13.9
70-100	290.1	6.4
90-120	336.9	7.5
0-90	2 849.7	63.1
90-180	1 667.7	36.9
0-180	4 517.4	100

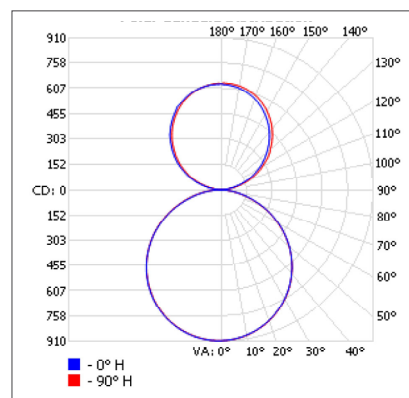
Illuminance at a distance

Center beam fc		Beam width	
1.7'	337	5.3'	5.3'
3.3'	89.5	10.2'	10.2'
5.0'	39.0	15.5'	15.5'
6.7'	21.7	20.7'	20.7'
8.3'	14.1	25.7'	25.7'
10.0'	9.75	30.9'	30.9'

■ Vert. spread: 114.2°
■ Horiz. spread: 114.2°

70338 • R1KCL-3LS1U-PS80-4CBK • 50% INDIRECT / 50% DIRECT • 80 W • 3 000 K • 4 431.7 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	706.5	15.9
0-40	1 160.2	26.2
0-60	2 065.3	46.6
60-90	584.2	13.2
70-100	272.2	6.1
90-120	359.5	8.1
0-90	2 649.5	59.8
90-180	1 782.2	40.2
0-180	4 431.7	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	314	5.3'	5.3'
3.3'	83.2	10.2'	10.2'
5.0'	36.3	15.5'	15.5'
6.7'	20.2	20.7'	20.7'
8.3'	13.2	25.7'	25.7'
10.0'	9.06	30.9'	30.9'

■ Vert. spread: 114.2°
■ Horiz. spread: 114.2°

¹ Complete IES files available on our website.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____

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