

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: 70335
Model Number: R1KCL-2LS1U-PS40-4CWH
UPC: 069549033900
Case Quantity: 1

PHYSICAL DATA

Size in. (cm): 23 5/8 (60)
Lens Material: Frosted polycarbonate
Housing Material: Powder coated extruded aluminum
Housing Finish: Matte white (RAL 9003)
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): 10/20/30/40
Volts (V AC): 120-347
Color Temperature (K)¹: 3 000/3 500/4 000/5 000
Lumen Output (lm)^{2,3}: 829/1 628/2 339/3 186
Efficacy (lm/W): 83/81/78/80
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								
10	829	83	836	84	841	84	849	85
20	1 628	81	1 657	83	1 642	82	1 616	81
30	2 339	78	2 427	81	2 386	80	2 391	80
40	3 186	80	3 441	86	3 244	81	3 117	78

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)	Efficacy (lm/W)	Total lumens (lm)	Indirect Light lumens (lm)	Down Light lumens (lm)	Efficacy (lm/W)	Total lumens (lm)	Indirect Light lumens (lm)	Direct Light lumens (lm)	Efficacy (lm/W)	Total lumens (lm)	Indirect Light lumens (lm)	Direct Light lumens (lm)	Efficacy (lm/W)
30 % Indirect / 70 % Direct																
10	697	209	488	70	693	208	485	69	699	210	489	70	708	212	496	71
20	1 384	415	969	69	1 400	420	980	70	1 395	419	977	70	1 437	431	1 006	72
30	2 063	619	1 444	69	2 123	637	1 486	71	2 109	633	1 476	70	2 103	631	1 472	70
40	2 759	828	1 931	69	2 829	849	1 980	71	2 795	839	1 957	70	2 800	840	1 960	70
40 % Indirect / 60 % Direct																
10	682	273	409	68	685	274	411	69	693	277	416	69	701	280	421	70
20	1 339	536	803	67	1 344	538	806	67	1 357	543	814	68	1 362	545	817	68
30	1 976	790	1 186	66	1 995	798	1 197	67	1 997	799	1 198	67	2 004	802	1 202	67
40	2 681	1 072	1 609	67	2 723	1089	1 634	68	2 690	1 076	1 614	67	2 710	1 084	1 626	68
50 % Indirect / 50 % Direct																
10	673	337	337	67	671	336	336	67	681	341	341	68	690	345	345	69
20	1 315	658	658	66	1 311	656	656	66	1 328	664	664	66	1 335	668	668	67
30	1 923	962	962	64	1 931	966	966	64	1 950	975	975	65	1 957	979	979	65
40	2 619	1 310	1 310	65	2 640	1320	1 320	66	2 663	1 332	1 332	67	2 624	1 312	1 312	66

DEFAULT PROGRAMMING

40 W / 3 000 K

0 % Indirect / 100 % Direct

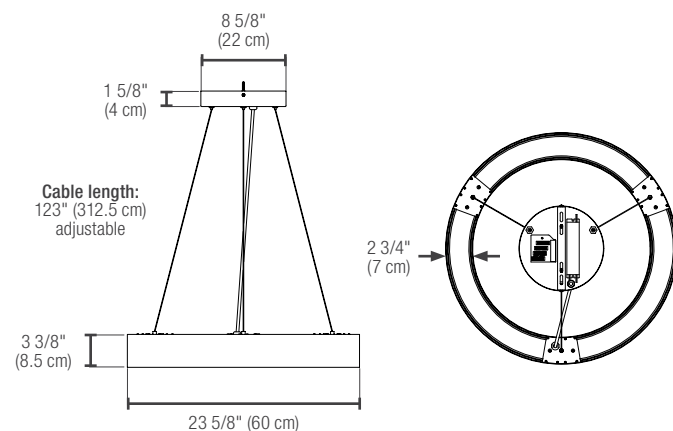
COMPATIBLE DIMMERS¹

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

Dimming range: 0 % - 100 %

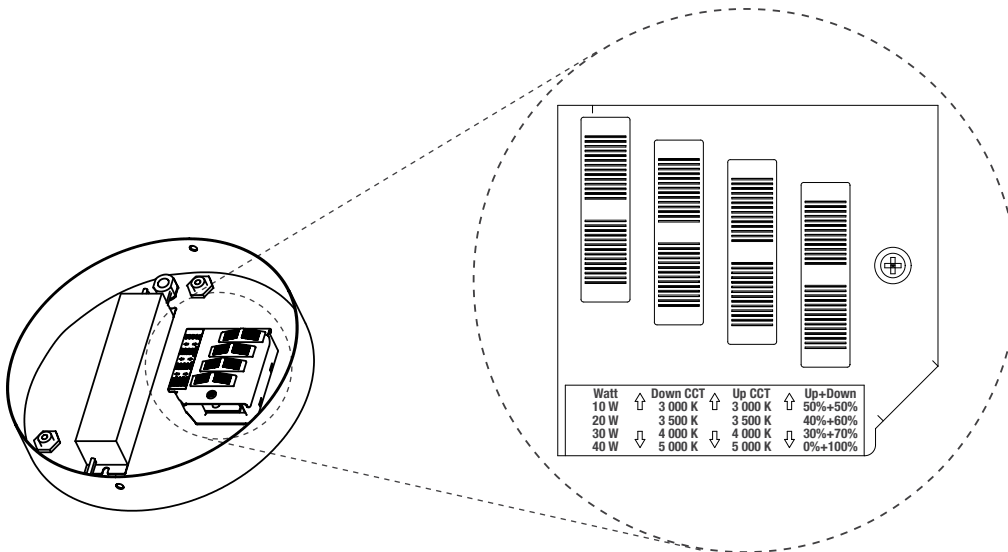
¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read 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)	13.2
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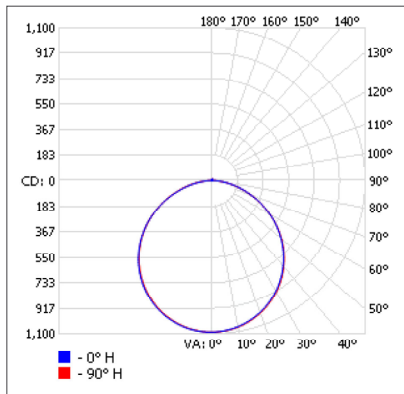
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.



PHOTOMETRIC DATA¹

70335 • R1KCL-2LS1U-PS40-4CWH • 0% INDIRECT / 100% DIRECT • 40 W • 3 000 K • 3 186.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	847.1	26.6
0-40	1 391.0	43.7
0-60	2 474.4	77.7
60-90	692.6	21.7
70-100	295.5	9.3
90-120	2.9	0.1
0-90	3 167.0	99.4
90-180	19.1	0.6
0-180	3 186.1	100

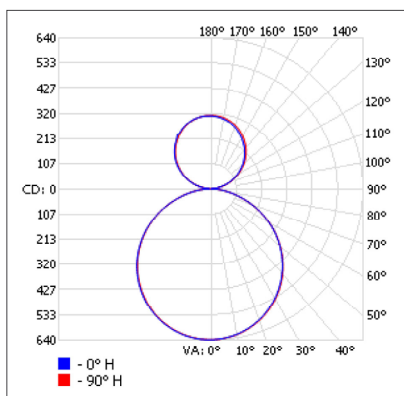
Illuminance at a distance

Center beam fc		Beam width	
1.7'	376	5.2'	5.2'
3.3'	99.8	10.2'	10.2'
5.0'	43.5	15.4'	15.4'
6.7'	24.2	20.6'	20.7'
8.3'	15.8	25.5'	25.6'
10.0'	10.9	30.8'	30.8'

■ Vert. spread: 113.9°
■ Horiz. spread: 114.0°

70335 • R1KCL-2LS1U-PS40-4CWH • 30% INDIRECT / 70% DIRECT • 40 W • 3 000 K • 2 758.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	496.9	18
0-40	815.9	29.6
0-60	1 452.5	52.6
60-90	409.8	14.9
70-100	192.5	7
90-120	192.9	7
0-90	1 862.2	67.5
90-180	896.6	32.5
0-180	2 758.9	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	221	5.3'	5.2'
3.3'	58.5	10.2'	10.2'
5.0'	25.5	15.5'	15.4'
6.7'	14.2	20.7'	20.7'
8.3'	9.25	25.7'	25.6'
10.0'	6.37	30.9'	30.9'

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

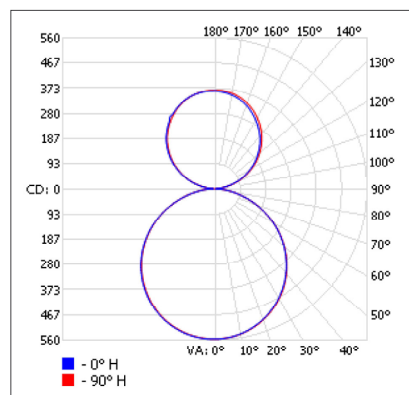
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

70335 • R1KCL-2LS1U-PS40-4CWH • 40% INDIRECT / 60% DIRECT • 40 W • 3 000 K • 2 681.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	433.5	16.2
0-40	712.1	26.6
0-60	1 269.4	47.3
60-90	365.2	13.6
70-100	177.5	6.6
90-120	222.8	8.3
0-90	1 634.5	61
90-180	1 046.5	39
0-180	2 681.0	100

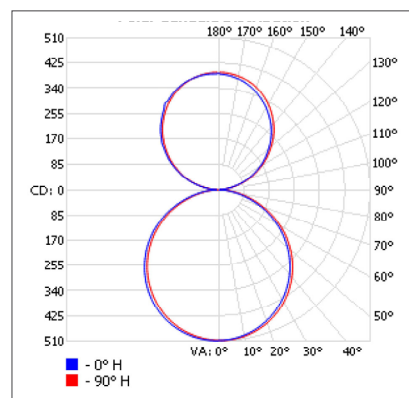
Illuminance at a distance

Center beam fc		Beam width	
1.7'	192	5.3'	5.3'
3.3'	51.0	10.3'	10.2'
5.0'	22.2	15.6'	15.5'
6.7'	12.4	20.9'	20.8'
8.3'	8.07	25.9'	25.8'
10.0'	5.56	31.2'	31.0'

■ Vert. spread : 114.6°
■ Horiz. spread : 114.4°

70335 • R1KCL-2LS1U-PS40-4CWH • 50% INDIRECT / 50% DIRECT • 40 W • 3 000 K • 2 618.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	395.9	15.1
0-40	650.3	24.8
0-60	1 159.3	44.3
60-90	333.7	12.7
70-100	165.0	6.3
90-120	239.5	9.1
0-90	1 493.0	57
90-180	1 125.5	43
0-180	2 618.5	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	176	5.3'	5.3'
3.3'	46.6	10.3'	10.2'
5.0'	20.3	15.6'	15.5'
6.7'	11.3	20.9'	20.8'
8.3'	7.37	25.8'	25.8'
10.0'	5.08	31.1'	31.0'

■ Vert. spread : 114.5°
■ Horiz. spread : 114.4°

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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