STANPRO

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:	70336
Model Number:	R1KCL-2LS1U-PS40-4CBK
UPC:	069549033917
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 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):	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]:	647/1 286/1 885/2 562
Efficacy (lm/W):	65/64/63/64
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.

4 CCT TCC
3 000/3 500/4 000/5 000 K

W power *selectable*

5 yrs warranty

quick *ship*

LED *fixture*

damp *location*

direct / indirect *light*

ICES *005*

UL CERTIFIED

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.

2233 rue de l'Aviation, Dorval, QC H9P 2X6
514.342.1199, 1.800.361.6965 • 514.807.3011 • www.standardpro.com

STANPRO

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	647	65	648	65	648	65	647	65
20	1 286	64	1 314	66	1 305	65	1 306	65
30	1 885	63	1 945	65	1 926	64	1 936	65
40	2 562	64	2 649	66	2 579	64	2 564	64

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																
10	520	156	364	52	518	155	363	52	521	156	365	52	524	157	367	52
20	1 062	319	743	53	1 079	324	755	54	1 074	322	752	54	1 079	324	755	54
30	1 591	477	1 114	53	1 630	489	1 141	54	1 603	481	1 122	53	1 601	480	1 121	53
40	2 150	645	1 505	54	2 225	668	1 558	56	2 181	654	1 527	55	2 181	654	1 527	55
40 % Indirect / 60 % Direct																
10	505	202	303	51	499	200	299	50	505	202	303	51	501	200	301	50
20	1 017	407	610	51	1 023	409.2	613.8	51	1 029	412	617	51	1 029	412	617	51
30	1 521	608	913	51	1 540	616	924	51	1 537	615	922	51	1 532	613	919	51
40	2 076	830	1 246	52	2 114	846	1 268	53	2 100	840	1 260	53	2 091	836	1 255	52
50 % Indirect / 50 % Direct																
10	501	251	251	50	495	248	248	50	504	252	252	50	507	254	254	51
20	1 004	502	502	50	1 004	502	502	50	1 017	509	509	51	1 015	508	508	51
30	1 499	750	750	50	1 508	754	754	50	1 516	758	758	51	1 507	754	754	50
40	2 032	1 016	1 016	51	2 056	1 028	1 028	51	2 062	1 031	1 031	52	2 053	1 027	1 027	51

DEFAULT PROGRAMMING
40 W / 3 000 K
0 % Indirect / 100 % Direct

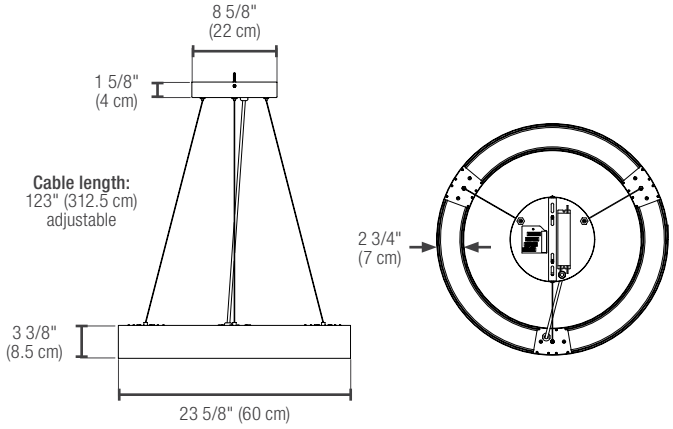
COMPATIBLE DIMMERS[1]

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.

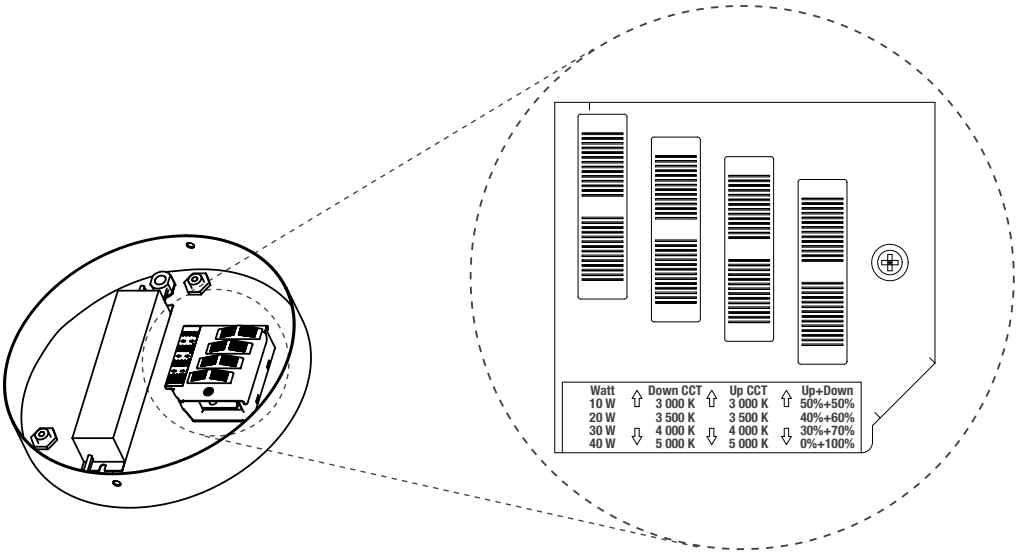
DIMENSIONS AND WEIGHT



Net weight (lbs)	13.2

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.

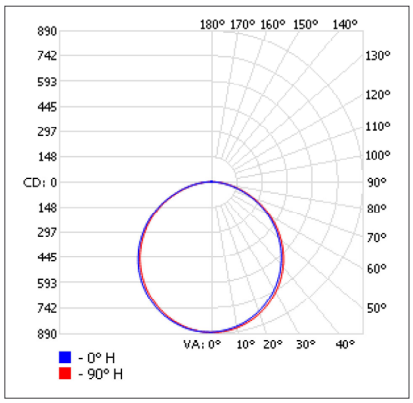
2233 rue de l'Aviation, Dorval, QC H9P 2X6
514.342.1199, 1.800.361.6965 • 514.807.3011 • www.standardpro.com



PHOTOMETRIC DATA[1]

70336 • R1KCL-2LS1U-PS40-4CBK • 0% INDIRECT / 100% DIRECT • 40 W • 3 000 K • 2 562.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	684.6	26.7
0-40	1 123.6	43.9
0-60	1 996.5	77.9
60-90	553.3	21.6
70-100	234.1	9.1
90-120	1.2	0
0-90	2 549.8	99.5
90-180	12.4	0.5
0-180	2 562.2	100

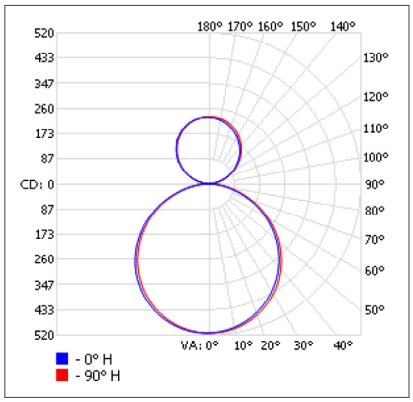
Illuminance at a distance

	Center beam fc	Beam width	
1.7'	304	5.2'	5.2'
3.3'	80.7	10.1'	10.1'
5.0'	35.2	15.3'	15.3'
6.7'	19.6	20.4'	20.5'
8.3'	12.8	25.3'	25.4'
10.0'	8.79	30.5'	30.7'

Vert. spread : 113.5°
Horiz. spread : 113.8°

70336 • R1KCL-2LS1U-PS40-4CBK • 30% INDIRECT / 70% DIRECT • 40 W • 3 000 K • 2 149.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	399.4	18.6
0-40	655.7	30.5
0-60	1 166.5	54.3
60-90	329.5	15.3
70-100	151.0	7
90-120	134.1	6.2
0-90	1 496.0	69.6
90-180	653.5	30.4
0-180	2 149.5	100

Illuminance at a distance

	Center beam fc	Beam width	
1.7'	177	5.2'	5.2'
3.3'	47.1	10.2'	10.2'
5.0'	20.5	15.4'	15.4'
6.7'	11.4	20.6'	20.6'
8.3'	7.44	25.6'	25.6'
10.0'	5.12	30.8'	30.8'

Vert. spread : 114.0°
Horiz. spread : 114.0°

[1] Complete IES files available on our website.

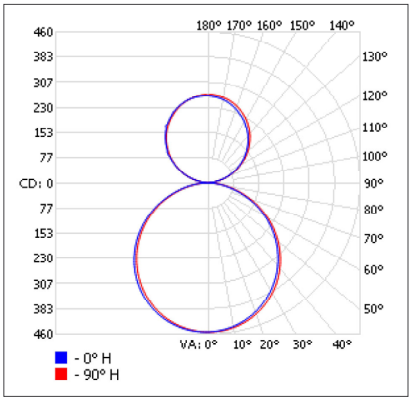
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at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

2233 rue de l'Aviation, Dorval, QC H9P 2X6
514.342.1199, 1.800.361.6965 • 514.807.3011 • www.standardpro.com

PHOTOMETRIC DATA[1]

70336 • R1KCL-2LS1U-PS40-4CBK• 40% INDIRECT / 60% DIRECT • 40 W • 3 000 K • 2 075.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	353.4	17
0-40	580.2	28
0-60	1 032.3	49.7
60-90	292.0	14.1
70-100	135.9	6.5
90-120	153.0	7.4
0-90	1 324.3	63.8
90-180	751.3	36.2
0-180	2 075.6	100

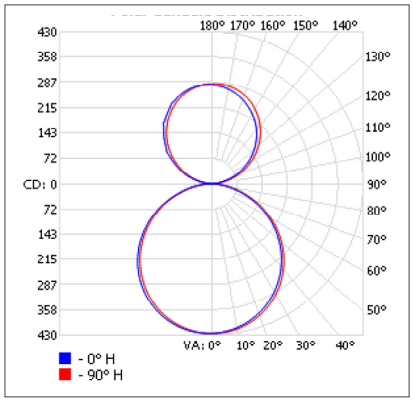
Illuminance at a distance

	Center beam fc	Beam width	
1.7'	157	5.2'	5.2'
3.3'	41.6	10.2'	10.2'
5.0'	18.1	15.4'	15.4'
6.7'	10.1	20.7'	20.6'
8.3'	6.58	25.6'	25.6'
10.0'	4.53	30.8'	30.8'

Vert. spread : 114.1°
Horiz. spread : 114.0°

70336 • R1KCL-2LS1U-PS40-4CBK • 50% INDIRECT / 50% DIRECT • 40 W • 3 000 K • 2 031.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	331.2	16.3
0-40	543.8	26.8
0-60	967.4	47.6
60-90	273.8	13.5
70-100	128.6	6.3
90-120	160.4	7.9
0-90	1 241.3	61.1
90-180	790.5	38.9
0-180	2 031.8	100

Illuminance at a distance

	Center beam fc	Beam width	
1.7'	147	5.2'	5.2'
3.3'	39.0	10.2'	10.2'
5.0'	17.0	15.4'	15.4'
6.7'	9.46	20.6'	20.6'
8.3'	6.17	25.6'	25.6'
10.0'	4.25	30.8'	30.8'

Vert. spread : 114.0°
Horiz. spread : 114.0°

[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: _____

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.

2233 rue de l'Aviation, Dorval, QC H9P 2X6

514.342.1199, 1.800.361.6965 • 514.807.3011 • www.standardpro.com