

Date		Project	
Type		Part Number	

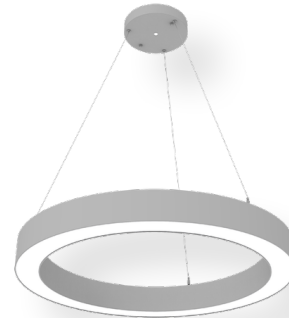


AURORA Series

24" Architectural Ring Light

ORDERING INFORMATION

Order Code	R34401/R34402
Model Number	RENO-CIRSUS-24-DV-MW-MCCT-WH/ RENO-CIRSUS-24-DV-MW-MCCT-BK
Case Quantity	1



PHYSICAL DATA

Dimensions	24.80" x 24.21" x 3.94" (63.00 cm x 61.00 cm x 10 cm)
Lens / Diffuser	Frosted Polycarbonate
Case / Housing	Extruded Aluminum & High-Baked Enamel Finish (Black or White) Custom Colours Available
Mounting Type(s)	Suspension

PERFORMANCE DATA

Wattage	10/20/30/40W
Voltage	120-347V
CCT	30/35/40/5000K
Fixture Default Setting	40W/4000K/40% Indirect & 60% Direct
Lumen	Up to 5,385 lm
Efficacy	Up to 143.7 lm/W
CRI	90
Lifespan	L70 54,000 hrs, INESA LM-80 testing report: 9,000 hrs (INESA TM-21 extrapolations)
Dimming	0-10V
Beam Angle	>100°
Power Factor	>0.9
THD	20%
Surge Protection	10kV
Operating Temperature	-20°C ~ +40°C (-4°F ~ +104°F)

Order#	Model	Wattage (W)	Efficacy (lm/W)	Lumens (lm)	CCT (k)	Tested Hours (LM80)	Finish
R34401	RENO-CIRSUS-24-DV-MW-MCCT-WH	10/20/30/40	Up to 143.7	Up to 5,385	30/35/40/50	9,000 hrs	White
R34402	RENO-CIRSUS-24-DV-MW-MCCT-BK	10/20/30/40	Up to 131.5	Up to 4,970	30/35/40/50	9,000 hrs	Black

Light Distribution - 24" 0% indirect/ 100% Direct

Order #	Watts (W)	3000K				3500K				4000K				5000K			
		Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)
R34401	10	1,337	0	1,337	133.7	1,344	0	1,344	134.4	1,349	0	1,349	134.9	1,354	0	1,354	135.4
	20	2,545	0	2,545	127.3	2,566	0	2,566	128.3	2,578	0	2,578	128.9	2,589	0	2,589	129.5
	30	3,691	0	3,691	123	3,730	0	3,730	124.3	3,748	0	3,748	124.9	3,763	0	3,763	125.4
	40	4,983	0	4,983	124.6	5,029	0	5,029	125.7	5,051	0	5,051	126.3	5,067	0	5,067	126.7
R34402	10	1,199	0	1,199	119.9	1,216	0	1,216	121.6	1,231	0	1,231	123.1	1,260	0	1,260	126
	20	2,306	0	2,306	115.3	2,335	0	2,335	116.7	2,360	0	2,360	118	2,404	0	2,404	120.2
	30	3,399	0	3,399	113.3	3,442	0	3,442	114.7	3,479	0	3,479	116	3,527	0	3,527	117.6
	40	4,547	0	4,547	113.7	4,596	0	4,596	114.9	4,637	0	4,637	115.9	4,698	0	4,698	117.4

Light Distribution - 24" 20% indirect/ 80% Direct

Order #	Watts (W)	3000K				3500K				4000K				5000K			
		Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)
R34401	10	1379	276	1,103	137.9	1,386	277	1109	138.6	1,391	278	1,113	139.1	1,397	279	1,118	139.7
	20	2,660	532	2,128	133	2,676	535	2,141	133.8	2,687	537	2,150	134.4	2,702	540	2,162	135.1
	30	3,875	775	3,100	129.2	3,903	781	3,122	130.1	3,920	784	3,136	130.7	3,935	787	3,148	131.2
	40	5,216	1,043	4,173	130.4	5,254	1,051	4,203	131.4	5,284	1,057	4,227	132.1	5,316	1,063	4,253	132.9
R34402	10	1,236	247	989	123.6	1,254	251	1,003	125.4	1,270	254	1,016	127	1,302	260	1,042	130.2
	20	2,402	480	1,922	120.1	2,433	487	1,946	121.6	2,460	492	1,968	123	2,511	502	2,009	125.5
	30	3,488	698	2,790	116.3	3,546	709	2,837	118.2	3,581	716	2,865	119.4	3,642	728	2,914	121.4
	40	4,718	944	3,774	117.9	4,771	954	3,817	119.3	4,819	964	3,855	120.5	4,893	979	3,914	122.3

Light Distribution - 24" 30% indirect/ 70% Direct

Order #	Watts (W)	3000K				3500K				4000K				5000K			
		Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)
R34401	10	1,377	413	964	137.7	1,383	415	968	138.3	1,388	416	972	138.8	1,391	417	974	139.1
	20	2,653	796	1,857	132.7	2,681	804	1,877	134	2,873	862	2,011	143.7	2,690	807	1,883	134.5
	30	3,875	1,163	2,712	129.2	3,895	1,169	2,726	129.8	3,928	1,178	2,750	130.9	3,926	1,178	2,748	130.9
	40	5,180	1,554	3,626	129.5	5,270	1,581	3,689	131.8	5,302	1,591	3,711	132.6	5,341	1,602	3,739	133.5
R34402	10	1,227	368	859	122.7	1,245	249	996	124.5	1,260	252	1,008	126	1,290	258	1,032	129
	20	2,388	716	1,672	119.4	2,416	725	1,691	120.8	2,443	733	1,710	121.6	2,491	747	1,744	124.5
	30	3,479	1,044	2,435	116	3,556	1,067	2,489	118.5	3,556	1,067	2,489	118.5	3,622	1,087	2,535	120.7
	40	4,693	1,408	3,285	117.3	4,744	1,423	3,321	118.6	4,789	1,437	3,352	119.7	4,863	1,459	3,404	121.6

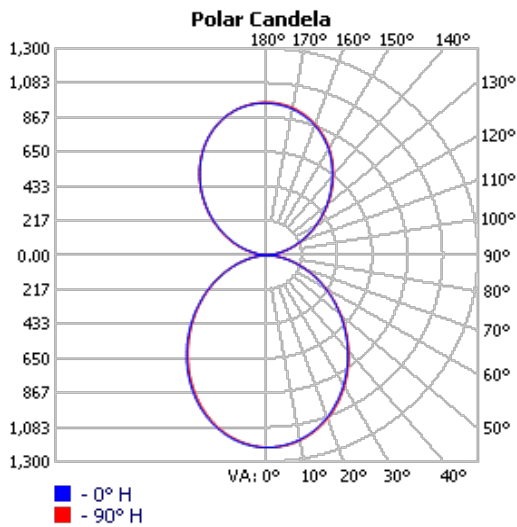
Light Distribution - 24" 40% indirect/ 60% Direct

Order #	Watts (W)	3000K				3500K				4000K				5000K			
		Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)	Total Lumens (lm)	Indirect Lumens (lm)	Direct Lumens (lm)	Efficacy (lm/W)
R34401	10	1396	558	838	139.6	1,403	561	842	140.3	1,408	563	845	140.8	1,410	564	846	141
	20	2,736	1,094	1,642	136.8	2,743	1,097	1,646	137.2	2,249	900	1,349	112.5	2,762	1,105	1,657	138.1
	30	3,979	1,592	2,387	132.6	4,012	1,605	2,407	133.7	4,025	1,610	2,415	134.2	4,035	1,614	2,421	134.5
	40	5,281	2,112	3,169	132	5,332	2,133	3,199	133.3	5,357	2,143	3,214	133.9	5,385	2,154	3,231	134.6
R34402	10	1,244	498	746	124.4	1,263	505	758	126.3	1,279	512	767	127.9	1,315	526	789	131.5
	20	2,432	973	1,459	121.6	2,461	984	1,477	123	2,490	996	1,494	124.5	2,544	1,018	1,526	122.7
	30	3,599	1,440	2,159	120	3,620	1,448	2,172	120.6	3,584	1,434	2,150	119.5	3,688	1,475	2,213	122.9
	40	4,781	1,912	2,869	119.5	4,889	1,956	2,933	122.2	4,889	1,956	2,933	122.2	4,970	1,988	2,982	124.2

PHOTOMETRICS

24" White	40W	4000K	40% Indirect/ 60% Direct	5,357 lm
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LUMINOUS INTENSITY DISTRIBUTION



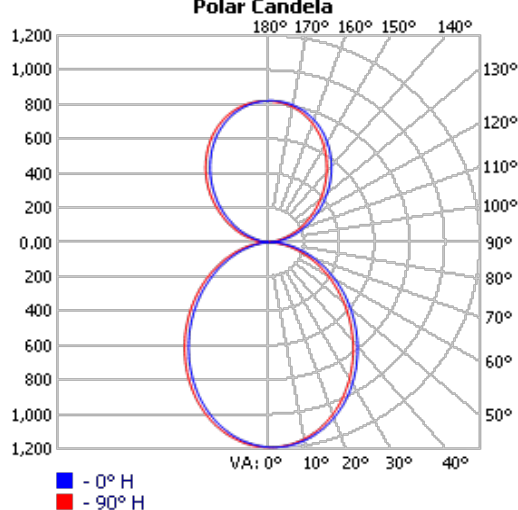
ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	75.56 fc	9.2 / 9.2 ft
8.0 ft	18.89 fc	18.5 / 18.4 ft
12.0 ft	8.40 fc	27.7 / 27.7 ft
16.0 ft	4.72 fc	37.0 / 36.9 ft
20.0 ft	3.02 fc	46.2 / 46.1 ft

Vertical Spread: 98.3° | Horizontal Spread: 98.1°

24" Black	40W	4000K	40% Indirect/ 60% Direct	4,970 lm
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LUMINOUS INTENSITY DISTRIBUTION



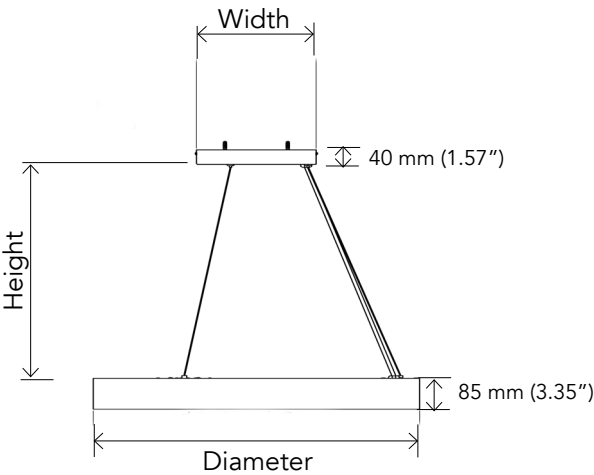
ILLUMINANCE AT A DISTANCE

Height	Center Beam fc	Beam Width (V / H)
4.0 ft	74.37 fc	9.0 / 9.0 ft
8.0 ft	18.59 fc	18.0 / 17.9 ft
12.0 ft	8.26 fc	27.0 / 26.9 ft
16.0 ft	4.65 fc	36.0 / 35.8 ft
20.0 ft	2.97 fc	45.0 / 44.8 ft

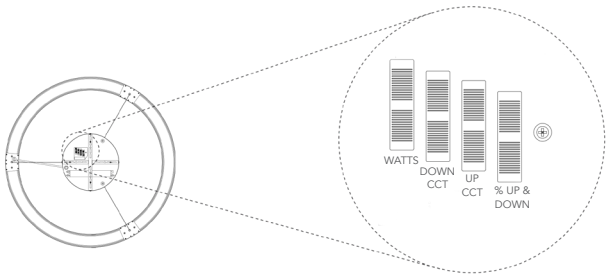
Vertical Spread: 96.7° | Horizontal Spread: 96.5°

DIMENSIONS

Width: 220.5 mm (8.68")
Height: 589 mm (23.18")
Diameter: 602 mm (23.7")
Weight: 10.85 kg (23.92 lbs)



SELECTABLE SWITCHES



SPECIFIER CONFIRMATION

Order#		Quantity		Price	
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I accept the specifications of the luminaire configuration.

Signature		Company	
Name		Date	