

# Ridgeline Highbay

RI-120/277V-200W-5K-AL22-00

## Induction Lamp Specifications

Wattage (W)	Luminance (LM)	CRI	Color Temp (K)	Rated Life (Hours)
200	17,000	85	5,000	100,000

## Driver Specifications

Wattage (W)	Input Voltage (VAC)	Input Current (A)	Input Frequency	Power Factor	Operating Temp	Input Power (W)
200	120/277	1.77 - 0.77	50-60Hz	0.98	-30 to 122° F	210

## Photometric Report

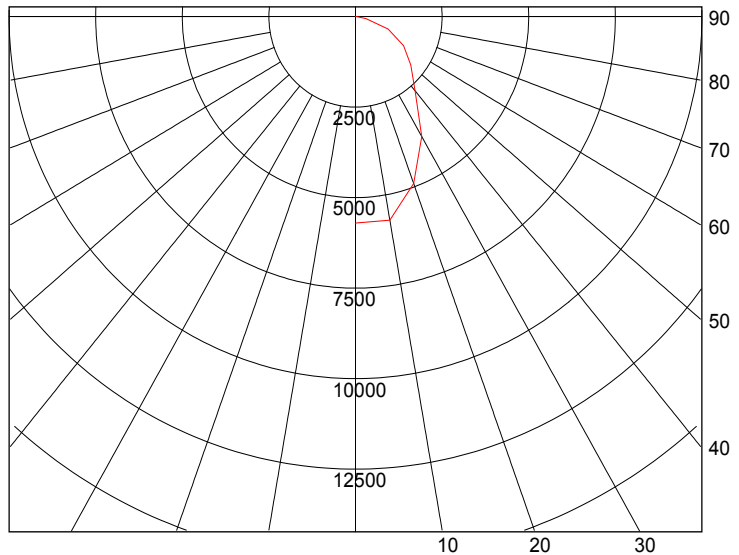
FILENAME: RIDGELINE 200W ALUMINUM 22.IES

IESNA:LM-63-2002  
 [TEST] LL-080720  
 [TESTDATE] 08/01/06  
 [TESTLAB] Lighting Labs USA  
 [ISSUEDATE] 2006.06.30  
 [MANUFAC] US Lighting Tech  
 [LUMCAT] RI200  
 [LUMINAIRE] 200W Induction Ridgeline Highbay 22" Aluminum  
 [LAMP] L15200C  
 [LAMP] 200W Induction  
 [BALLAST] US Lighting Tech Multi Wattage Induction Driver  
 [BALLASTCAT] B33200  
 [WEBLINK] www.uslightingtech.com

### SUMMARY DATA

EFFICIENCY (Total): 73.1 %  
 EFFICIENCY (Downlight): 73.1 %  
 EFFICIENCY (Uplight): 0.1 %  
 CIE CLASSIFICATION: DIRECT  
 SPACING CRITERION (0-Deg.): 1.05  
 LUMENS/LAMP: 16000  
 NO. OF LAMPS: 1  
 LUMINOUS OPENING: RECTANGULAR  
     Width: 1.80 (Feet)  
     Length: 0.00  
     Height: 0.66  
 INPUT WATTS: 215

### CANDELA PLOT



Axially Symmetric

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	4028.6	25.2	34.4
0 - 40	6050.0	37.8	51.7
0 - 60	9528.0	59.6	81.4
60 - 90	2160.7	13.5	18.5
0 - 90	11688.8	73.1	99.9
90 - 180	14.9	0.1	0.1
0 - 180	11703.7	73.1	100.0

### AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0
0	0

### COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	.87	.87	.87	.87	.85	.85	.85	.85	.81	.81	.81	.78	.78	.78	.75	.75	.75	.75	.73		
1	.80	.77	.74	.71	.78	.75	.72	.70	.72	.70	.68	.69	.67	.66	.66	.65	.64	.64	.62		
2	.73	.68	.63	.59	.71	.66	.62	.58	.64	.60	.57	.61	.58	.55	.59	.56	.54	.53			
3	.67	.60	.54	.50	.65	.59	.53	.49	.57	.52	.48	.55	.51	.48	.53	.49	.47	.45			
4	.62	.54	.47	.43	.60	.53	.47	.42	.51	.46	.42	.49	.45	.41	.48	.44	.41	.39			
5	.57	.48	.42	.37	.56	.47	.42	.37	.46	.41	.37	.44	.40	.36	.43	.39	.36	.34			
6	.53	.44	.38	.33	.52	.43	.37	.33	.42	.37	.33	.41	.36	.32	.39	.35	.32	.31			
7	.49	.40	.34	.30	.48	.39	.34	.30	.38	.33	.29	.37	.33	.29	.36	.32	.29	.27			
8	.46	.37	.31	.27	.45	.36	.31	.27	.35	.30	.27	.34	.30	.26	.34	.29	.26	.25			
9	.43	.34	.28	.24	.42	.34	.28	.24	.33	.28	.24	.32	.27	.24	.31	.27	.24	.23			
10	.41	.32	.26	.22	.40	.31	.26	.22	.30	.26	.22	.30	.25	.22	.29	.25	.22	.21			