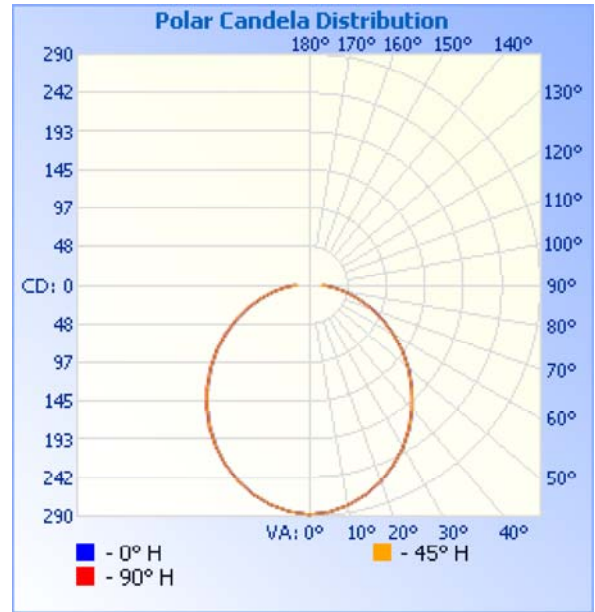


# Photometrics Pro

## Luminaire Photometric Report

**Filename:** 8556-80-3K  
**Manufacturer:** Royal Pacific, LTD  
**Luminaire:** 8556-80-3K  
**Luminaire Cat:** CCT: 2744K  
**Lamp:** LED\_IS Module  
**Lamp Output:** 1 lamp, total luminaire Lumens: 818.4  
**Max Candela:** 287.8 at Horizontal: 0°, Vertical: 0°  
**Input Wattage:** 15.7  
**Luminous Opening:** Point  
**Test Date:** 2015-04-13  
**Photometry :** Type C  
**Cutoff Class:** Cutoff  
**Nema Type:** 7 X 7



### Flood Summary

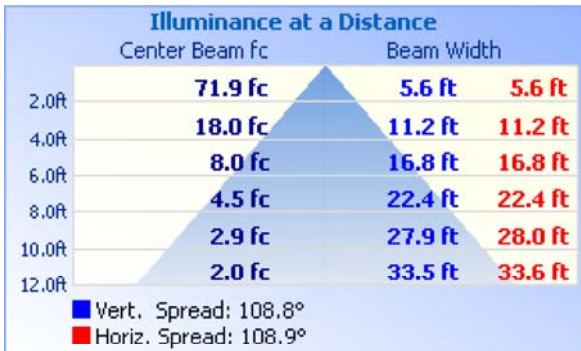
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.5%	806.3	170.6	170.4
Beam (50%):	67.6%	553.1	108.9	108.8
<b>Total:</b>	<b>100%</b>	<b>818.4</b>		

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	218.1	26.6%
0-40	354.1	43.3%
0-60	620.3	75.8%
60-90	198.0	24.2%
0-90	818.4	100%

### Lumens Per Zone

Zone	Lumens	% Total
0-10	27.0	3.3%
10-20	76.6	9.4%
20-30	114.5	14.0%
30-40	136.1	16.6%
40-50	139.7	17.1%
50-60	126.5	15.5%
60-70	99.9	12.2%
70-80	65.6	8.0%
80-90	32.5	4.0%



### Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	
1	1.08	1.03	.98	.94	1.05	1.00	.96	.83	.96	.92	.89	.86	.92	.89	.86	.88	.86	.84	.84	.82	
2	.98	.89	.82	.76	.95	.87	.80	.69	.83	.78	.73	.71	.80	.75	.71	.77	.73	.70	.70	.67	
3	.89	.78	.69	.63	.86	.76	.68	.58	.73	.67	.61	.61	.71	.65	.60	.68	.63	.59	.59	.57	
4	.81	.69	.60	.53	.79	.68	.59	.50	.65	.58	.52	.52	.63	.56	.51	.61	.55	.50	.50	.48	

5	.75	.62	.52	.46	.73	.60	.52	.44	.58	.51	.45	.56	.50	.44	.54	.49	.44	.42
6	.69	.55	.46	.40	.67	.55	.46	.38	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7	.64	.50	.41	.35	.62	.50	.41	.34	.48	.40	.35	.46	.40	.34	.45	.39	.34	.32
8	.60	.46	.37	.31	.58	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9	.56	.42	.34	.28	.54	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23

**Luminaire Report Summary**

IESNA: LM-63-1995  
[TEST]  
[DATE] 2015-04-13  
[MANUFAC] Royal Pacific, LTD  
[LUMCAT] CCT: 2744K  
[LUMINAIRE] 8556-80-3K  
[LAMPCAT]  
[LAMP] LED\_IS Module

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 19, HORIZONTAL ANGLES: 73  
FILE: COORDINATE SYSTEM: TYPE C  
FILE: UNIT OF MEASURE: METRIC  
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.