

4" Pot Light

HOUSING



4" POT LIGHT (HS)

DESCRIPTION

• Discreet recessed luminaires for general illumination or for accenting objects or areas. An easy, energy-efficient way to create dramatic lighting effects in a space, especially when dimmed. These retrofit-friendly downlights replace most pot lights using conventional lamps.

APPLICATION

• Ideal for retrofit applications in hotel lobby, shopping centre, supermarket, recreations centre, public areas, garages, corridors, offices, reception areas and more.

SPECIFICATIONS

Certifications

- Energy Star
- cULs
- CE
- RoHS

Color consistency

- Excellent color consistency
- No flickering
- Noise free

Finish

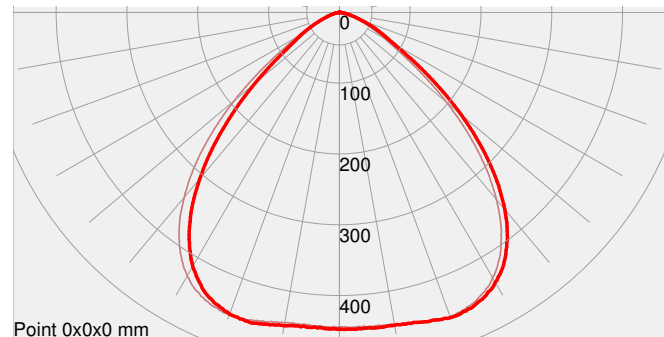
- Aluminum
- White

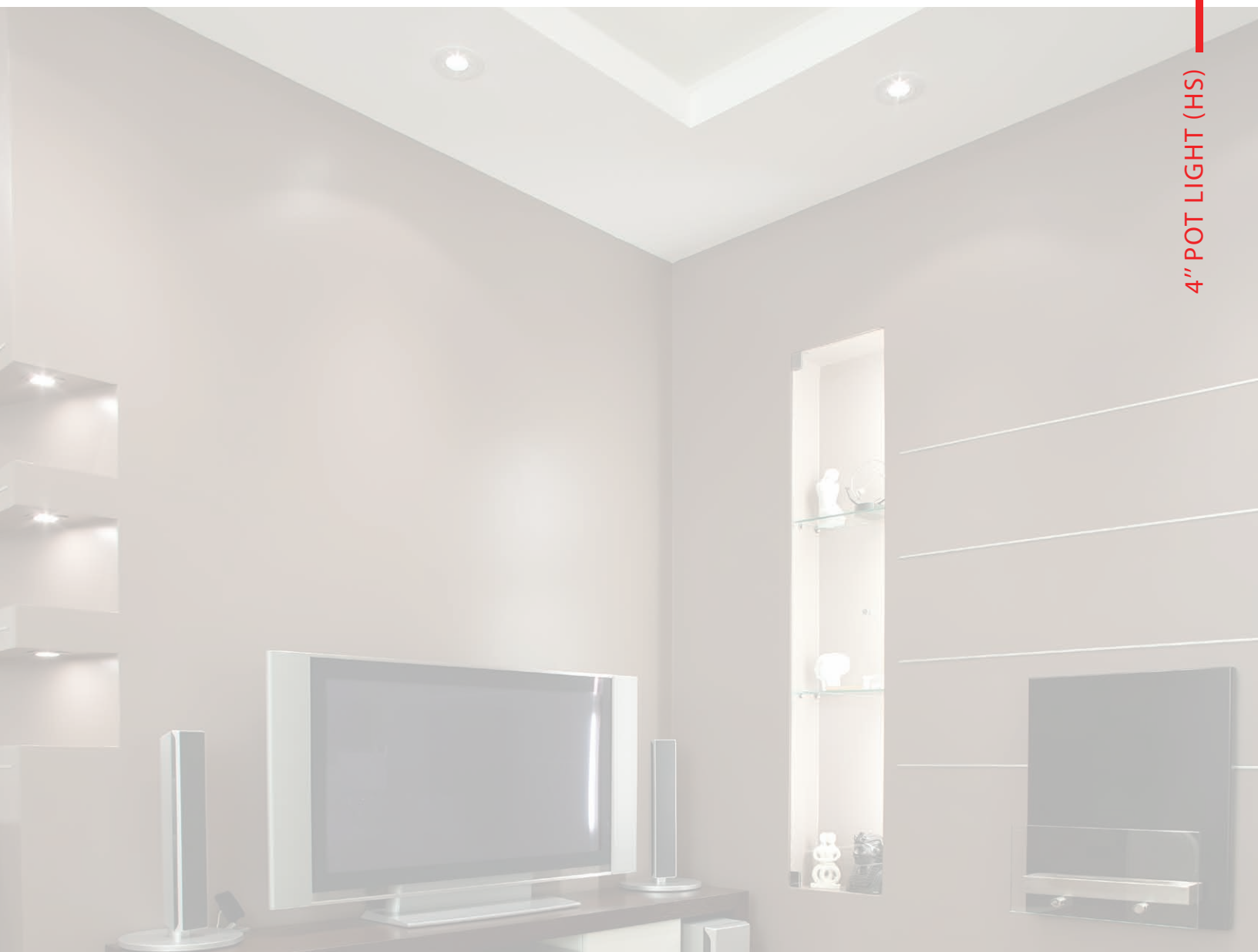
Operating Temperatures

-20°C to 40°C

Dimensions (IN)

For Housing of: Ø 4"
(Housing not included)





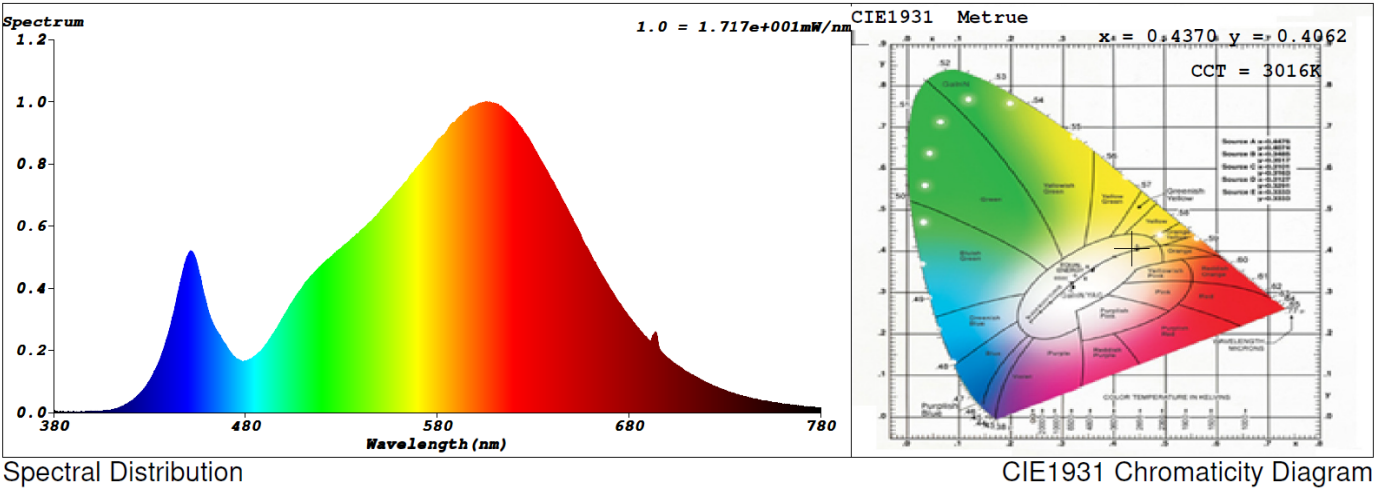
PERFORMANCE

Model Number	Power (Watts)	Lumens	Housing Size	Color Temp.	Input Voltage	Beam Angle	Power Factor	CRI
PT4-30K-HS	13	850	4"	3000K	120V	120°	> 0.90	83.1
PT4-40K-HS	13	850	4"	4000K	120V	120°	> 0.90	83.1



PT4-30K-HS

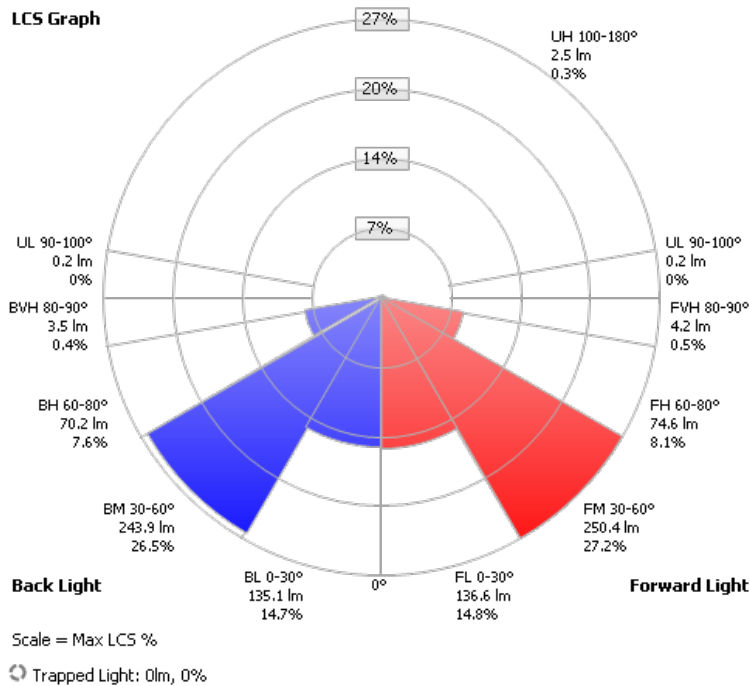
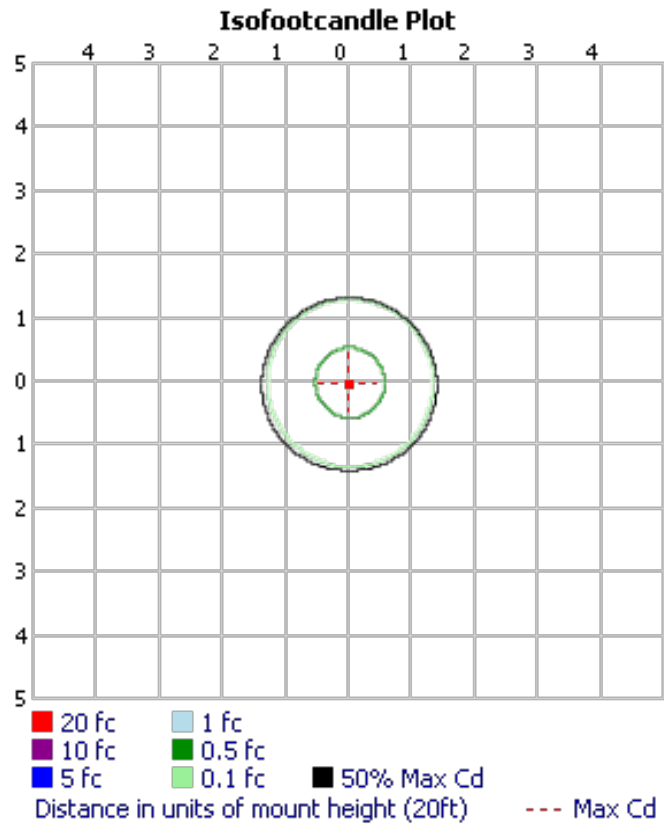
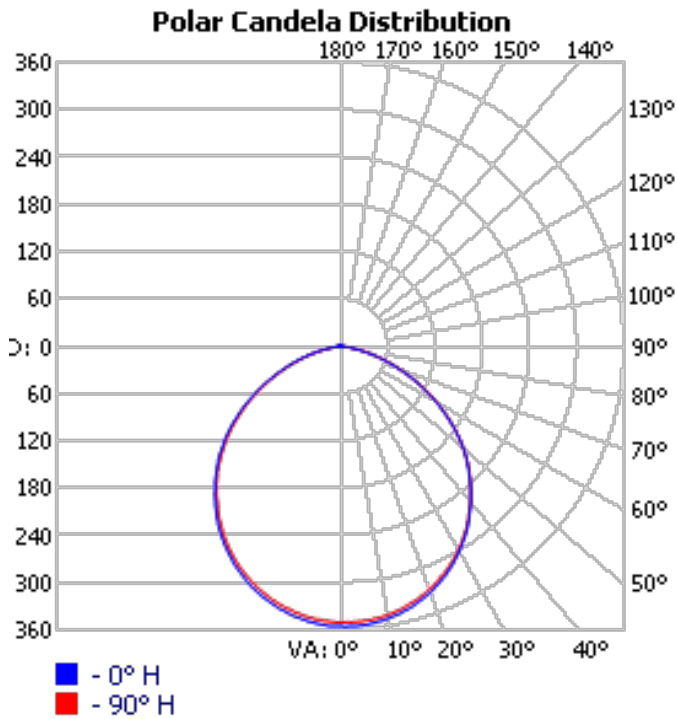
Spectrum



4" POT LIGHT (HS)

RENDERING INDEX

Rating type	PT4-30K-HS
CRI	83.1
R1	81
R2	90
R3	97
R4	82
R5	81
R6	87
R7	85
R8	63
R9	13
R10	76
R11	80
R12	68
R13	83
R14	98
R15	75



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	271.7	29.5%	29.5%
0-40	442.8	48.1%	48.1%
0-60	766.0	83.2%	83.2%
60-90	152.4	16.5%	16.5%
70-100	52.3	5.7%	5.7%
90-120	0.8	0.1%	0.1%
0-90	918.4	99.7%	99.7%
90-180	2.7	0.3%	0.3%
0-180	921.1	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	33.2	3.6%	90-100	0.2	0%
10-20	95.0	10.3%	100-110	0.3	0%
20-30	143.4	15.6%	110-120	0.3	0%
30-40	171.1	18.6%	120-130	0.4	0%
40-50	174.0	18.9%	130-140	0.4	0%
50-60	149.2	16.2%	140-150	0.4	0%
60-70	100.3	10.9%	150-160	0.4	0%
70-80	44.5	4.8%	160-170	0.2	0%
80-90	7.6	0.8%	170-180	0.1	0%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	0.5
MAX CD, 80 TO <90 DEG:	21.6
	LUMENS % LAMP
DOWNWARD STREET SIDE:	465.7 50.6%
DOWNWARD HOUSE SIDE:	452.7 49.1%
DOWNWARD TOTAL:	918.4 99.7%
UPWARD STREET SIDE:	1.6 0.2%
UPWARD HOUSE SIDE:	1.1 0.1%
UPWARD TOTAL:	2.7 0.3%
TOTAL LUMENS:	921.1 100%

LCS TABLE

BUG RATING	B1 - U1 - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	136.6	14.8%
MEDIUM(30-60):	250.4	27.2%
HIGH(60-80):	74.6	8.1%
VERY HIGH(80-90):	4.2	0.5%
BACK LIGHT		
LOW(0-30):	135.1	14.7%
MEDIUM(30-60):	243.9	26.5%
HIGH(60-80):	70.2	7.6%
VERY HIGH(80-90):	3.5	0.4%
UPLIGHT		
LOW(90-100):	0.2	0%
HIGH(100-180):	2.5	0.3%
TRAPPED LIGHT:	0	0%

CANDELA TABLE - TYPE C									
	0	45	90	135	180	225	270	315	360
0	355	352	350	348	355	352	350	348	355
5	354	352	349	347	353	349	348	347	354
10	350	348	345	343	347	343	342	341	350
15	343	342	338	334	337	333	333	333	343
20	333	331	328	324	326	321	321	322	333
25	319	318	315	310	311	306	306	307	319
30	302	302	299	293	292	288	288	290	302
35	281	282	280	273	271	267	268	269	281
40	257	259	257	250	248	244	245	247	257
45	232	234	232	226	222	218	220	222	232
50	204	206	205	198	194	190	191	196	204
55	173	175	173	167	164	159	160	165	173
60	139	142	140	135	131	126	128	133	139
65	106	108	107	102	98	94	96	101	106
70	73	75	74	70	67	63	65	68	73
75	44	46	45	41	39	36	37	42	44
80	20	22	21	19	17	15	16	20	20
85	6	6	7	6	6	4	4	6	6
90	0	0	0	1	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
100	0	0	0	0	1	0	0	1	0
105	0	0	1	1	1	0	0	0	0
110	0	1	1	1	0	0	0	1	0
115	1	0	1	1	0	0	0	1	1
120	1	0	1	1	0	0	0	1	1
125	1	1	1	1	0	0	0	1	1
130	1	0	1	1	0	0	0	1	1
135	1	0	1	1	0	0	0	1	1
140	2	0	0	1	0	0	0	1	2
145	1	1	1	1	0	0	0	2	1
150	1	2	0	2	0	0	0	2	1
155	1	1	0	2	0	0	0	2	1
160	2	2	0	2	0	0	0	2	2
165	2	0	0	2	0	0	0	2	2
170	2	2	0	2	0	0	0	0	2
175	2	1	0	2	0	0	0	2	2
180	0	2	0	2	0	0	0	2	0

PRODUCT IMAGES



4" POT LIGHT (HS)