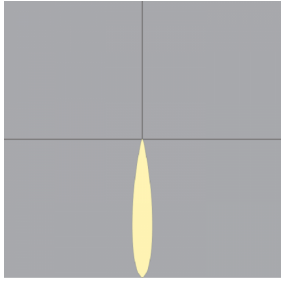


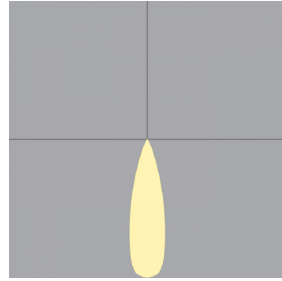
1 PERFORMANCE DATA

DIRECT 15° BEAM ANGLE



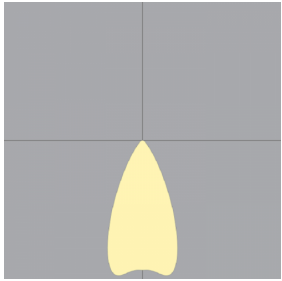
WATTS	LUMENS	LPW
32	4600	138
72	9000	127
114	13600	118
164	18000	110

DIRECT 30° BEAM ANGLE



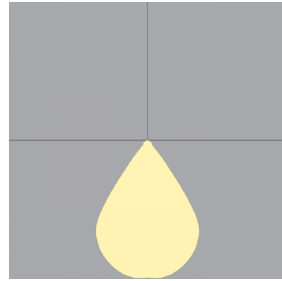
WATTS	LUMENS	LPW
32	4600	140
72	8800	130
114	13000	120
164	17400	112

DIRECT 50° BEAM ANGLE



WATTS	LUMENS	LPW
32	4400	133
72	8800	123
114	13000	114
164	17400	107

DIRECT 70° BEAM ANGLE



WATTS	LUMENS	LPW
32	4400	134
72	8800	123
114	13200	115
164	17600	107