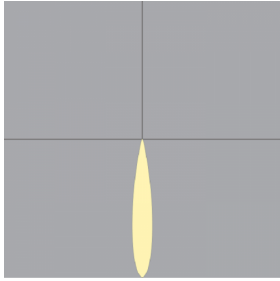


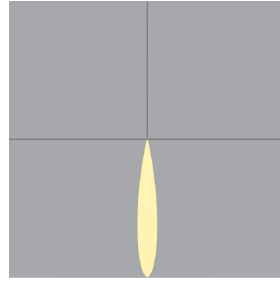
1 PERFORMANCE DATA

DIRECT 15° BEAM ANGLE



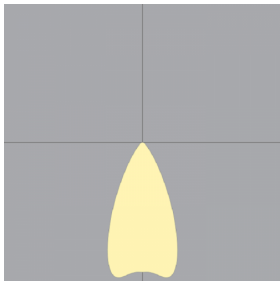
WATTS	LUMENS	LPW
38	5000	132
82	9800	121
130	14800	114
186	20000	105

DIRECT 30° BEAM ANGLE



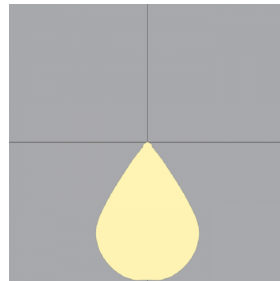
WATTS	LUMENS	LPW
38	5000	135
82	10050	124
130	15000	116
186	20100	108

DIRECT 50° BEAM ANGLE



WATTS	LUMENS	LPW
38	4800	128
82	9600	117
130	14200	110
186	19000	102

DIRECT 70° BEAM ANGLE



WATTS	LUMENS	LPW
38	4800	129
82	9600	118
130	14400	111
186	19200	103