

EFFECTIVE PROJECTED AREA (EPA)

TILT DEGREE	RT2C-BLL(E)40W	RT2C-BLL(E)80W	RT2C-BLL(E)120W	RT2C-BLL(E)160W	RT2C-BLL(E)200W	RT2C-BLL(E)240W
0° Tilt EPA*	0.57	0.57	0.57	0.65	0.72	0.80
30° Tilt EPA*	0.91	0.91	0.91	0.94	0.97	1.00
60° Tilt EPA*	1.57	1.57	1.57	1.62	1.68	1.73
90° Tilt EPA*	2.03	2.03	2.03	2.29	2.56	2.81

* EPA is a coefficient used by the lighting industry to determine how much force a luminaire will apply to the mounting brackets or pole at a given wind velocity. This value is used in combination with a luminaire's weight to determine the mounting requirements for a particular application.

Some of the major brands have an EPA in excess of 33. This can lead to severe safety issues and concerns for both new construction and retrofitting existing poles to LED.