



The waterproof CBM LightBox luminaire has been specially designed to create high-end LED lighting in applications with low ceiling height (8'-10'). Most light strips and LED tubes provide optimal lighting directly under the fixture, this works well for lighting areas with high ceilings and unobstructed. As the fixtures are lowered, the optimal lighting area narrows, creating a need for more fixtures in low ceiling applications to achieve the same coverage. Another complication in modern livestock facilities is the amount of equipment hanging from the ceilings for building power or ventilation, these elements further limiting the performance of standard vapor-tight LED lighting.

With the LightBox design, CBM has developed a fixture that reduces the amount of light required in a low ceiling application and creates a better environment with less shade. By changing the angle of the beam on the sides and ends of the luminaire, the LightBox offers up to 60% more area coverage compared to standard luminaires. This results in better lighting quality and fewer fixtures required per application. Along with these design improvements, the LightBox still maintains the CBM lighting quality performance that customers rely on.

	84 W
Product code	LB84W120/277V-50K
Designation	LB Series – « Lightbox » fixture IP67 with output LED's board Vapor-tight Low Bay fixture
Structure	Unbreakable housing, protects components from external shocks IP67 corrosion and water resistant housing and lens LED light and diffuser lens will not change color over time Provides 60% additional coverage in 8-10 foot ceiling applications The high-end components keep constant lighting when the supply and ventilation motors turn on and off.
Dimensions	51.89" x 14.6" x 5.94"
Washable	Water resistant up to 2500 psi water pressure
LED diode brand	Samsung
Consumption	84 WATT
Light power	15 120 lm
Luminous efficiency	180 lumens/watt
Dimmable	Non-dimmable
Color T°	5000K
Color rendering index	≥ 85
Optical	Clear
Beam angle	360°
% flicker of non-visible light	4%
IP water protection index	IP 67
IK impact protection class	IK 10
Power factor	0.99
Total harmonic distortion (THD)	<15%
Maximum ambient T°	-45°c / +45°c
Supply voltage / Frequency	120/277V / 50/60Hz
Lifetime / Warranty	≥ 200 000 h / 10 years