

HBLED-540 High Bay LED Light Fixture (for EMC chambers)

Product Overview

Performance The new TDK HBLED-540 High Bay LED Light Fixture raises the stakes and takes the lumen output and temperature tolerance to new heights.

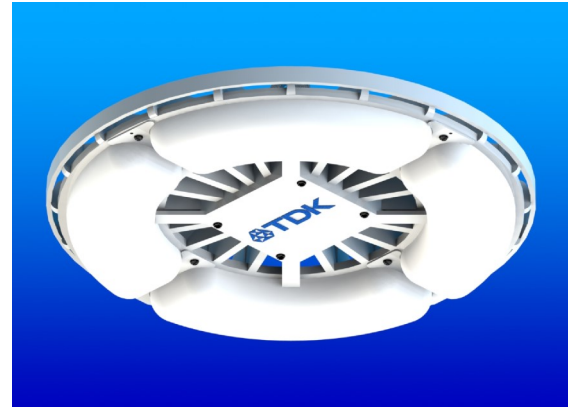
By combining the latest in LED technology with the unmatched illuminating dynamics of prismatic glass, the High Bay LED luminaire brings a superior, incomparable proficiency and reliability to the table. With its remote driver capability, the HBLED-540 High Bay LED Light Fixture is ideal for EMC chambers with minimal RF emissions.

Optics The prismatic borosilicate glass sustains maximum levels of luminosity over time and does not fade, discolor or diminish. The remarkably engineered LED system ensures outstanding consistency and optimizes spacing.

Mechanical Design The housing is produced with a robust cast mix of aluminum housing with a low copper content (0.6% CU content).

Applications For use in 3 meter, 5 meter, and 10 meter EMC and antenna test chambers.

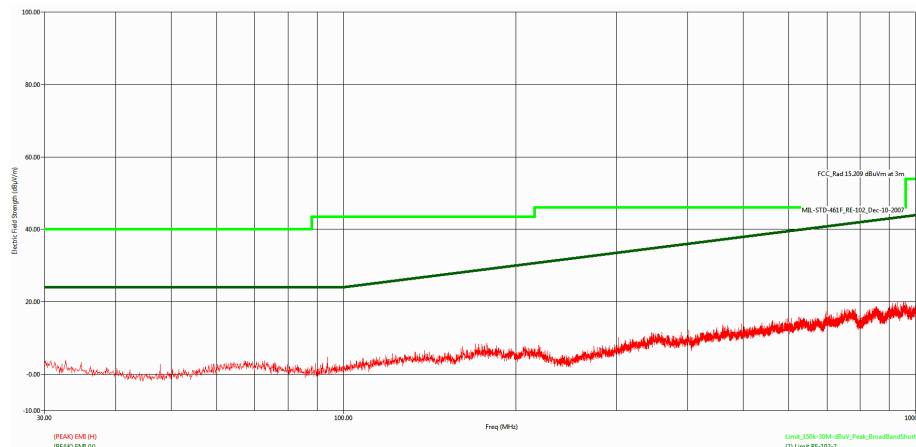
Electromagnetic Compatibility The High Bay LED light fixture is tested for electromagnetic emissions from 20 MHz to 1 GHz. See graph below.



The TDK High Bay LED Light Fixture (HBLED-540) is ideal for EMC chamber lighting with minimal RF emissions.

Optical Specifications

Light Output:	18000 lumens (nominal)
Color Temperature :	4000K
Color Rendering Index:	70 CRI (nominal)

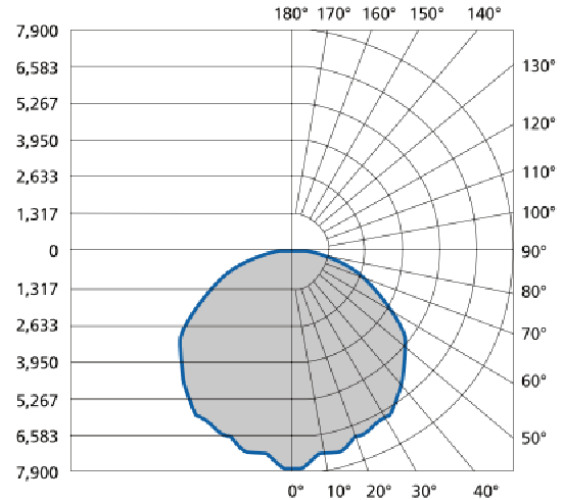


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Electrical Specifications

Power Requirements:	120–277 VAC
Power Consumption:	155 Watts
Options:	Optional 10 V dimmer circuit
Surge Protection:	2kV/1kA level of surge protection provided by driver
Additional Features:	Special 2 line EMI filter for connection into chamber Aluminum core printed circuit board

Light Distribution Data



Mechanical Specifications:

Diameter:	21.25 in (540mm)
Height:	6.25 in (159mm)
Weight:	22 lbs (9.8kg)

Ordering Information

Product:	High Bay LED
Model Number:	HBLED-540
Warranty:	5 year Limited

Environmental Specifications

Ambient Temperature Limits:	
Operating:	0° to +40° C
Storage:	-10° to +50° C

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

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