



BC9700 Series LED Hazardous Area High Bay / Floodlight

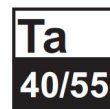
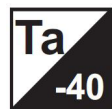
Spec Sheet

Overview

The Tormin BC9700 Hazardous area LED High Bay/Floodlight offers excellent performance matched with superb reliability. Ease of installation and exceedingly low maintenance makes this product the ideal choice for new or retrofit installations.

Features & Benefits

- High efficacy LED Light Source.
- Suitable for operation in low and high temperature environments.
- Suitable for corrosive environments.
- Choice of mounting fixings with angle adjustment for flexible and easy installation.
- Impact and vibration resistant.
- Choice of symmetrical and asymmetric lenses.
- Meanwell Driver with built in surge protection.
- 5 Year repair / replace warranty.
- ATEX Certified Zones 1 and 2, 21 and 22, Certified by Eurofins product testing, Italy.



RoHS LM79
LM84

Technical Specification

Description: BC9700 Series LED Hazard Area High Bay / Floodlight Recommended Product Location: Hazardous areas

PRODUCT DETAILS	
Input Voltage	90-305VAC 50/60Hz
IP Rating	IP66
Typical Lumens per watt	160
Colour Rendering	>70 (>80 available special order)
LED Module	CITIZEN
Beam angle	40°/60°/80°/100°/60°x 80°/90°x 110°
Operating Temperature	-40° to +40°/+55°
Warranty	5 Year Repair / Replace Warranty
Colour Temperature	5000k (4000k & 6500k available special order)
Power Factor	>0.95
Dimming Control	Special order
Driver	Meanwell
Dimension	300*202mm

PRODUCT OPTIONS	
Occupancy Sensor	N/A
Light level sensor	N/A
Remote Programmable Sensor	N/A
High borosilicate glass front	Fitted as standard
RGB	N/A
12-24v	N/A
Emergency	N/A
Fixed Bracket Mounting	Optional

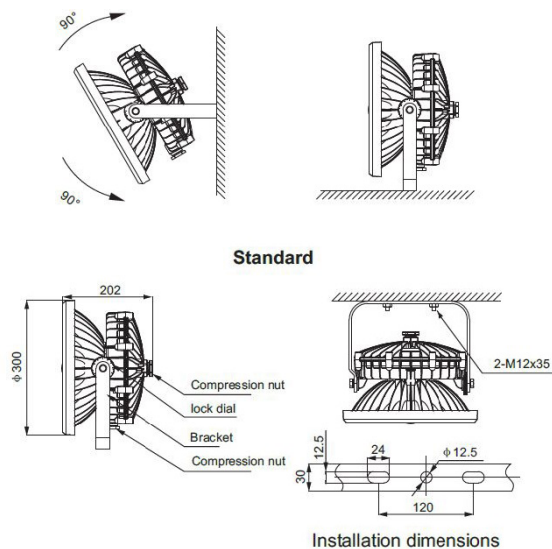
Performance Chart

LED POWER	CIRCUIT WATTS	TYPICAL LUMENS
55.80	60	9600
80	80	12800
100	100	16000
120	120	19200
150	150	24000
200	200	32000

Ambient Temperature / Temperature

Circuit Watts	TA ≤40°C	TA ≤55°C
60	T5	T4
Circuit Watts	TA ≤40°C	TA ≤55°C
80	T5	T4
Circuit Watts	TA ≤40°C	TA ≤55°C
100	T4	T4
Circuit Watts	TA ≤40°C	TA ≤55°C
120	T4	T4
Circuit Watts	TA ≤40°C	TA ≤55°C
150	T4	T4
Circuit Watts	TA ≤40°C	TA ≤55°C
200	T3	T3

Diagram of BC9700



The Tormin BC9700 is covered by our 5 Year repair/replace Warranty. Warranty upgrade packages available. UK purchases, warranty handled through Carbon8Lighting.

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