



Energy Advantage CDM Lamps with Allstart Technology

830W 4K BT56 CL V EA AllStart

Philips Energy Advantage CDM lamps with AllStart Technology is a high-efficiency protected “O” rated CDM lighting solution that provides energy savings without compromising light quality.

Product data

• General Characteristics

Base	Exclusionary Mogul Screw [Exclusionary Mogul Screw]
Bulb	BT56
Bulb Finish	Clear
Operating Position	vbu/vbd [Vertical or Base Up/Base Down]
RatedAvgLife(See Family Notes)	16000 hr

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	92 Ra8
Color Designation	4000 Kelvin
Color Temperature	3700 K
Color Temperature technical	3700 K
Chromaticity Coor- dinate X	.378 (min), .398 (nom), .418 (max) -
Chromaticity Coor- dinate Y	.378 (min), .398 (nom), .418 (max) -
Initial lumen	78000 Lm
Luminous Efficacy Lamp	94 Lm/W
Design Mean Lumens	62400 Lm
Lumen Maintenance - 40% life	80 %
Lumen Maintenance - 10% life	85 %

• Electrical Characteristics

Watts	830 W
Lamp Voltage	215 V
Lamp Current	4.25 A

Ignition Time	120 (max) s
Re-ignition Time [min]	20 (max) min

• Environmental Characteristics

Mercury (Hg) Content	241 (max) mg
Picogram per Lumen Hour	223 p/LuHr

• UV-related Characteristics

Damage Factor D/fc	0.3 -
PET (NIOSH)	207 h500lx
UV A	9.5 mW/cm ²
UV B	0.03 mW/cm ²
UV C	0.03 mW/cm ²

• Luminaire Design Requirements

Cap-Base Tempera- ture	100 C
Bulb Temperature	200 (max) C

• Product Dimensions

Diameter D	178.8 (max) mm
Light Center Length L	237 (min), 241 (nom), 245 (max) mm
Maximum Overall Length [inch]	15.375 (max) in
Light Center Length L	9.5 in
Diameter D	7.0 in

PHILIPS

sense and simplicity

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• Product Data

Product number 417915
 Full product name 830W 4K BT56 CL V EA AllStart
 Short product name CDM830/V/O/4K EA 6PK
 Pieces per Sku 1
 eop_pck_cfg 6

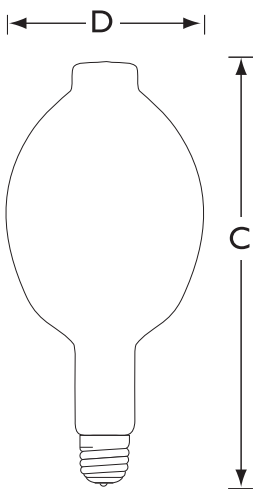
Skus/Case 6
 Bar code on pack 46677417918
 Bar code on case 50046677417913
 Logistics code(s) 928601172801
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Warnings and Safety

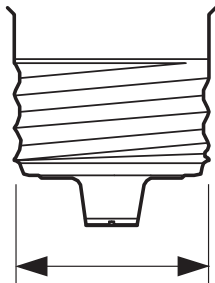
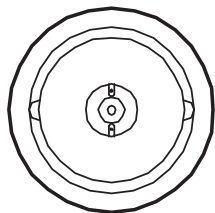
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing



BT56



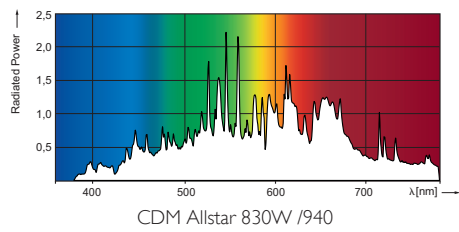
Ø 39

EX39

EX39, BT-56

Product	C (Max)	D (Norm)	L (Norm)
CDMAllstar 830W/940 BT56 CL EA AllStart	15.375	7.0	9.5

Photometric data



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www.philips.com/lighting

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data subject to change