



Energy efficiency and long life

Ceramalux Non-ALTO

Philips Ceramalux lamps provide efficient lighting solutions for industrial applications, warehouses, post top applications and parking lots.

Benefits

- Long Life - 24,000 hours Rated Average Life.
- Available in a multitude of bases and wattages.

Features

- Low total cost of ownership.
- Long life—up to 24,000 hours.
- High efficacy up to 140 LPW.
- BD-17 available in 35, 50, 70, 100, 150 watts / PAR 38 available in 70 watts / ED-18 available in 225, 310, 360 and 430 watts / T-14 available in 600 watts / ED-37 available in 1000 watts.

Application

- Ideal for security lighting, roadway lighting, warehouse lighting, and industrial applications.

Ceramalux Non-ALTO

Versions

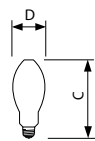
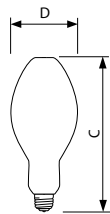


1000 W Single Contact Mogul
Screw ED-37 Clear



100 W Single Contact Medium
Screw BD-17 Clear

Dimensional drawing



Product	D	C (max)
C1000S52/ED37 6PK	120 mm	289 mm

Product	D	C (max)
C70S62/M PH 12PK	55 mm	138 mm
C100S54/M PH 12PK	55 mm	138 mm
SON 150W E26 BD54 CL SL/12	55 mm	145 mm
C50S68/M 12pk	55 mm	138 mm

Ceramalux Non-ALTO

Operating and electrical	
Re-ignition Time (Min) (Max)	2 min
General information	
Operating Position	Universal
Luminaire design requirements	
Bulb Temperature (Max)	400 °C
Light technical	
Correlated Color Temperature (Nom)	2100 K
Mechanical and housing	
Bulb Finish	Clear

Approval and application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Picogram Per Lumen Hour
323865	C1000S52/ED37 6PK	55.2 mg	20.5 pg/lm.h
467274	C100S54/M PH 12PK	22 mg	-
467282	C70S62/M PH 12PK	17 mg	-

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Picogram Per Lumen Hour
467308	C50S68/M 12pk	17.7 mg	-
467316	C150S55/M 12PK	17 mg	46.6 pg/lm.h

Operating and electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Nom)
323865	C1000S52/ED37 6PK	4.7 A	270 V	210 V	225 V	1003 W
467274	C100S54/M PH 12PK	2.1 A	62 V	45 V	55 V	100.4 W
467282	C70S62/M PH 12PK	1.6 A	60 V	44 V	52 V	70.2 W
467308	C50S68/M 12pk	1.18 A	62 V	46 V	52 V	50.2 W
467316	C150S55/M 12PK	3.2 A	62 V	48 V	55 V	150.6 W

General information

Order Code	Full Product Name	Cap-Base	Main Application
323865	C1000S52/ED37 6PK	E39	General and Street Lighting
467274	C100S54/M PH 12PK	E26	General Lighting (G)
467282	C70S62/M PH 12PK	E26	General Lighting (G)

Order Code	Full Product Name	Cap-Base	Main Application
467308	C50S68/M 12pk	E26	General Lighting (G)
467316	C150S55/M 12PK	E26	General Lighting (G)

Light technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Design Mean Lumens
323865	C1000S52/ED37 6PK	517	423	21	90 %	108 lm/W	125 lm/W	112000 lm
467274	C100S54/M PH 12PK	520	420	18	90 %	84 lm/W	92 lm/W	8550 lm
467282	C70S62/M PH 12PK	522	425	13	70 %	84 lm/W	93 lm/W	5850 lm
467308	C50S68/M 12pk	540	415	12	-	71 lm/W	80 lm/W	3600 lm
467316	C150S55/M 12PK	514	424	17	75 %	96 lm/W	106 lm/W	14400 lm

Light technical (2/2)

Ceramalux Non-ALTO

Order Code	Full Product Name	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)	Photosynthetic Photon Flux (PPF)
323865	C1000S52/ED37 6PK	108000 lm	125000 lm	1550 µmol/s
467274	C100S54/M PH 12PK	8400 lm	9200 lm	-

Order Code	Full Product Name	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)	Photosynthetic Photon Flux (PPF)
467282	C70S62/M PH 12PK	5900 lm	6500 lm	-
467308	C50S68/M 12pk	3550 lm	4000 lm	-
467316	C150S55/M 12PK	14400 lm	16000 lm	-

Mechanical and housing

Order Code	Full Product Name	Bulb Material	Bulb Shape
323865	C1000S52/ED37 6PK	Hard Glass	ED37
467274	C100S54/M PH 12PK	Hard Glass	BD17
467282	C70S62/M PH 12PK	Soft Glass	BD17

Order Code	Full Product Name	Bulb Material	Bulb Shape
467308	C50S68/M 12pk	Hard Glass	BD17
467316	C150S55/M 12PK	Hard Glass	BD17

