



Compatible with
Zhaga Sensor

Arcus II

Arcus II 80W LED low bay with built-in emergency, 6500K

The Arcus II LED Low Bay luminaires offer energy savings and high performance, replacing conventional lighting in general industrial areas, manufacturing, warehousing, leisure facilities and retail environments. Also available in an emergency version and has the option to install a microwave sensor.

ARCB80-W65/E (06518)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	453
Rated Power (W)	80
CCT Words	Day Light
CCT (K)	6500
Total Luminous Flux (lm)	9500
Beam Angle(°)	90° x 110°
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	39000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.96
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	2.22
In-rush current (peak/duration) (A)	40A /400 us
Protection Rating	Class I
IK Rating	IK10
IP Rating	IP20
Emergency Luminous Flux (lm)	850

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N

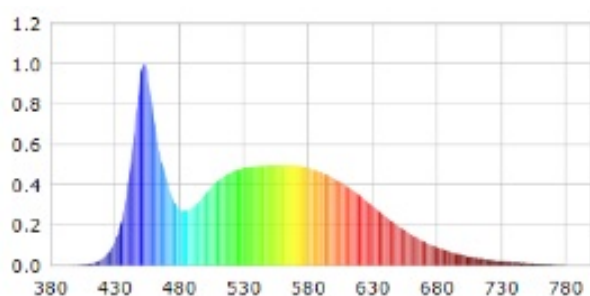
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	72
Energy Efficiency Class	D
Useful Luminous Flux (lm)	10600
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	6500
On-Mode Power (Pon) (W)	72
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	49
Width (mm)	100
Depth (mm)	665
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.313
Chromaticity Co-Ordinates (Y)	0.337
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A

Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Stroboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	90Vdc 800mA

Optional Gears and Accessories

Optional Gears 1	BAT20LFP4 (80W)
Optional Gears 2	KBAT5200LI3 (150W, 200W)
Accessories 1	Microwave Sensor Module KBTNLS1-MWS2
Accessories 2	Microwave Sensor MWS-SID
Accessories 3	Remote Controller KPT-MWS-CON

Technical Drawings



80W-6500K

