PROLUMIA[®]

LED Prodisc Helios

LED Prodisc Helios Mini black

40008891 EAN: 8721063003617

ELEGANT LUMINAIRE WITH HALO BACKLIGHT FEATURING PREMIUM MULTIFUNCTIONAL DESIGN

"ELEGANT LUMINAIRE WITH HALO BACKLIGHT FEATURING PREMIUM MULTIFUNCTIONAL DESIGN Prodisc Helios combines refined aesthetics and professional versatility. The elegant halo backlight and metal ring design create a visual delight, while the multifunctional design meets various needs. Prodisc Helios offers multi-switchable light outputs and CCT options. It also features low-glare comfort and versions with motion sensor and 3H self-testing emergency lighting - ideal for both residential and commercial environments. The click-and-install gear tray simplifies installation, while multiple mounting options enhance flexibility.





PRODUCT FEATURES

IEC 62722-2-1 Exchangeable control gear ✓ Luminaire efficacy 110 Lumen/Watt	Suitable for wall mounting	✓	Suitable for number of light sources	1
Suitable for ceiling mountingImage: Mominal current65/130 MilliampereSuitable for built-in mountingImage: Matche MilliampereRated Miltime L80/850 at 25 °C143000 HourSuitable for suiface mountingImage: Matche MilliampereRated Miltime L70/850 at 25 °C228000 HourSuitable for inght hine configurationImage: Matche Milliampere228000 Hour228000 HourSuitable for inght hine configurationImage: Matche Milliampere228000 Hour228000 HourSuitable for inght hine configurationImage: Matche Milliampere28000 Hour28000 HourSuitable for workplace according to ENLumen maintenance at median useful92.67 PercentageSuitable for workplace according to ENLumen maintenance at median useful92.67 PercentageSuitable for workplace according to ENLumen maintenance at median useful92.67 PercentageSuitable for workplace according to ENLumen maintenance at median useful92.67 PercentageSuitable for workplace according to ENLumen maintenance at median useful92.67 PercentageSuitable for workplace according to ENFailure rate at median useful life of 75.000 h at 25 °C ambient (tq)5.12 PercentageLamp typeLED exchangeableFailure rate at median useful life of 7.33 Percentage5.000 h at 25 °C ambient (tq)Lamp holderOtherRated Hife time L90/810 at 25 °C106000 HourHousing materialPlasticRated Hife time L90/850 at 25 °C69000 HourSufface protection housingPlastic, opalFailure rate at median useful life of 7.000 h at 25 °C	Suitable for wall mounting	✓	LED nominal current at constant current	6 12 Milliampere
Calculation for built-in mounting*Control termSuitable for built-in mounting*Rated lifetime L60/B50 at 25 °C228000 HourSuitable for surface mounting*Rated lifetime L70/B10 at 25 °C170000 HourSuitable for clamp-mounting*Rated lifetime L70/B10 at 25 °C170000 HourSuitable for clamp-mounting*Lumen maintenance at median useful94.88 PercentageSuitable for vorkplace according to EN 12464-1Lumen maintenance at median useful92.67 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful89.08 PercentageSuitable for workplace according to EN 12464-1Soutable for workplace according to EN 120 Contage50.00 h at 25 °C ambient (tq)7.33 PercentageSuitable for workplace according to EN 12464-1Palatic coatedFailure rate at median useful life of 10.92 Percentage10.92 PercentageSuitable fo	Suitable for suspended mounting	✓	Nominal voltage	220 240 Volt
Suitable for surface mountingImage: Control of the surface mountingRated lifetime L70/B50 at 25 °C228000 HourSuitable for light line configurationXRated life time L70/B10 at 25 °C170000 HourSuitable for clamp-mountingLumem maintenance at median useful94.88 PercentageWith mounting materialIlle of 50,000 h at 25 °C ambient (tq)92.67 PercentageSuitable for workplace according to ENLumem maintenance at median useful89.08 Percentage12464-1Ille of 75,000 h at 25 °C ambient (tq)5.12 Percentage12464-1ED exchangeableFailure rate at median useful life of5.12 Percentage12464-1Control according to EN7.33 Percentage12464-1CherRated life time L30/B10 at 25 °C106000 Hour12mp typeLD otherRated life time L30/B10 at 25 °C106000 HourWith light sourceSourceFailure rate at median useful life of7.33 PercentageSurface protection housingPlasticRated life time L30/B10 at 25 °C50000 HourHousing colourBlackRated life time L30/B10 at 25 °C69000 HourMaterial coverBlackRated life time L30/B10 at 25 °C69000 HourVoltage typeAC/DCMax. number of luminaires per miniature circuit breaker C10 (MCB)120Voltage typeAc/DCMax. number of luminaires per miniature circuit breaker C16 (MCB)240Vith control gearAc/DCMax. number of luminaires per miniature circuit breaker C16 (MCB)240Voltage typeNot required	Suitable for ceiling mounting	✓	Nominal current	65 130 Milliampere
Control for digital line configurationXRated life time L70/B10 at 25 °C170000 HourSuitable for light line configurationXRated life time L70/B10 at 25 °C170000 HourSuitable for clamp-mountingLumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)92.67 PercentageWith mounting materialImmen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)89.08 PercentageSuitable for workplace according to EN Lade4-1Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)89.08 PercentageLamp typeLED exchangeableFailure rate at median useful life of 50,000 h at 25 °C ambient (tq)5.12 PercentageLamp holderOtherRated life time L80/B10 at 25 °C106000 HourHousing materialPlasticRated life time L80/B10 at 25 °C106000 HourSurface protection housingPlastic-coatedFailure rate at median useful life of 50,000 h at 25 °C109000 HourHousing colourBlackRated life time L90/B10 at 25 °C100000 HourHousing colourBlackRated life time L90/B50 at 25 °C69000 HourMaterial coverPlastic-coated75,000 h at 25 °C ambient (tq)10.92 PercentageVoltage typeAC/DCMax. number of luminaires per miniature circuit breaker C16 (MCB)120Voltage typeAC/DCMax. number of luminaires per miniature circuit breaker C16 (MCB)240Vith control gearNot requiredMax. number of luminaires per miniature circuit breaker C16 (MCB)-25[50 Degrees celsus	Suitable for built-in mounting	×	Rated lifetime L80/B50 at 25 °C	143000 Hour
Suitable for clamp-mountingLumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq)94.88 Percentage 94.88 PercentageWith mounting materialIle of 35,000 h at 25 °C ambient (tq)92.67 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)89.08 PercentageSuitable for workplace according to EN 12464-1Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)89.08 PercentageLamp typeLED exchangeableSaiton ta 25 °C ambient (tq)5.12 PercentageWith light sourceFailure rate at median useful life of 30,000 h at 25 °C ambient (tq)7.33 PercentageWith light sourceFailure rate at median useful life of 30,000 h at 25 °C ambient (tq)7.33 PercentageUmap holderOtherRated life time L80/B10 at 25 °C106000 HourHousing materialPlasticRated life time L90/B10 at 25 °C50000 HourSurface protection housingPlastic-coatedFailure rate at median useful life of 7,000 h at 25 °C10.92 PercentageVoltage typeAC/DCRated life time L90/B50 at 25 °C69000 HourMaterial coverPlastic, opalMax. number of luminaires per miniature circuit breaker C10 (MCB)120Voltage typeAC/DCMax. number of luminaires per miniature circuit breaker C16 (MCB)240With control gearNot requiredMax. number of luminaires per miniature circuit breaker C16 (MCB)240With control gearNot requiredMax. number of luminaires per miniature <br< td=""><td>Suitable for surface mounting</td><td>✓</td><td>Rated lifetime L70/B50 at 25 °C</td><td>228000 Hour</td></br<>	Suitable for surface mounting	✓	Rated lifetime L70/B50 at 25 °C	228000 Hour
InterestKlife of 35,000 h at 25 °C ambient (tq)CWith mounting materialLumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)92.67 Percentage life of 50,000 h at 25 °C ambient (tq)Suitable for workplace according to EN 12464-1Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)89.08 Percentage for to 7.33 Percentage failure rate at median useful life of 35,000 h at 25 °C ambient (tq)89.08 Percentage for to 7.33 Percentage failure rate at median useful life of 50,000 h at 25 °C ambient (tq)With light sourceIED exchangeableFailure rate at median useful life of 50,000 h at 25 °C ambient (tq)7.33 Percentage for to 7.33 PercentageLamp holderOtherRated life time L80/B10 at 25 °C106000 HourHousing materialPlasticRated life time L90/B10 at 25 °C50000 HourSurface protection housingPlastic-coatedFailure rate at median useful life of f5,000 h at 25 °C69000 HourHousing colourBlackRated life time L90/B50 at 25 °C69000 HourMaterial coverPlastic, opalRated life time L90/B50 at 25 °C69000 HourVoltage typeAC/DCMax. number of luminaires per miniature circuit breaker C10 (MCB)120Voltage typeNot requiredMax. number of luminaires per miniature circuit breaker C16 (MCB)240With control gearNot requiredRated ambient temperature according to circuit breaker C16 (MCB)-25[50 Degrees celsusWith control gearRated ambient temperature according to circuit breaker C16 (MCB)-	Suitable for light line configuration	×	Rated life time L70/B10 at 25 °C	170000 Hour
If e of 50,000 h at 25 °C ambient (tq)e of the state of the state at th	Suitable for clamp-mounting	×		94.88 Percentage
12464-1✓life of 75,000 h at 25 °C ambient (tq)Lamp typeLED exchangeableFailure rate at median useful life of 35,000 h at 25 °C ambient (tq)5.12 Percentage 35,000 h at 25 °C ambient (tq)With light source✓Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)7.33 Percentage 0.000 h at 25 °C ambient (tq)Lamp holderOtherRated life time L80/B10 at 25 °C106000 HourHousing materialPlasticRated life time L90/B10 at 25 °C50000 HourSurface protection housingPlastic-coatedFailure rate at median useful life of 75,000 h at 25 °C ambient (tq)10.92 Percentage 10.92 PercentageHousing colourBlackRated life time L90/B50 at 25 °C69000 HourMaterial coverPlastic, opalMax. number of luminaires per miniature circuit breaker C10 (MCB)120Voltage typeAC/DCMax. number of luminaires per miniature circuit breaker C16 (MCB)240With control gear✓Rated ambient temperature according to IEC 62722-2-1-25150 Degrees celsius IEC 62722-2-1	With mounting material	×		92.67 Percentage
With light sourceSource and		*		89.08 Percentage
Image: Constraint of the constra	Lamp type	LED exchangeable		5.12 Percentage
Housing materialPlasticRated life time L90/B10 at 25 °C50000 HourSurface protection housingPlastic-coatedFailure rate at median useful life of 75,000 h at 25 °C ambient (tq)10.92 PercentageHousing colourBlackRated life time L90/B50 at 25 °C69000 HourMaterial coverPlastic, opalMax. number of luminaires per miniature circuit breaker C10 (MCB)150Voltage typeAC/DCMax. number of luminaires per miniature circuit breaker C10 (MCB)120Type of control gearNot requiredMax. number of luminaires per miniature circuit breaker C16 (MCB)240With control gearRated ambient temperature according to IEC 62722-2-1-25]50 Degrees celsius IEC 62722-2-1-25]50 Degrees celsiusExchangeable control gearLuminaire efficacy110 Lumen/Watt	With light source	×		7.33 Percentage
Surface protection housingPlastic-coatedFailure rate at median useful life of 75,000 h at 25 °C ambient (tq)10.92 PercentageHousing colourBlackRated life time L90/B50 at 25 °C69000 HourMaterial coverPlastic, opalMax. number of luminaires per miniature circuit breaker C10 (MCB)150Voltage typeAC/DCMax. number of luminaires per miniature circuit breaker C10 (MCB)120Type of control gearNot requiredMax. number of luminaires per miniature circuit breaker C16 (MCB)240With control gearRated ambient temperature according to IEC 62722-2-1-25 50 Degrees celsius IEC 62722-2-1-25 50 Degrees celsius IEC 62722-2-1Exchangeable control gearLuminaire efficacy110 Lumen/Watt	Lamp holder	Other	Rated life time L80/B10 at 25 °C	106000 Hour
Total and a state of a state	Housing material	Plastic	Rated life time L90/B10 at 25 °C	50000 Hour
Material cover Plastic, opal Max. number of luminaires per miniature circuit breaker C10 (MCB) 150 Voltage type AC/DC Max. number of luminaires per miniature circuit breaker C10 (MCB) 120 Type of control gear Not required Max. number of luminaires per miniature circuit breaker C16 (MCB) 240 With control gear Image: Control gear Rated ambient temperature according to IEC 62722-2-1 -25 50 Degrees celsius IEC 62722-2-1 Exchangeable control gear Image: Control gear Image: Control gear 110 Lumen/Watt	Surface protection housing	Plastic-coated		10.92 Percentage
Voltage type AC/DC Max. number of luminaires per miniature circuit breaker B16 (MCB) 120 Type of control gear Not required Max. number of luminaires per miniature circuit breaker B16 (MCB) 240 With control gear Not required Rated ambient temperature according to IEC 62722-2-1 -25 50 Degrees celsius IEC 62722-2-1 Exchangeable control gear Image: Max of Ma	Housing colour	Black	Rated life time L90/B50 at 25 °C	69000 Hour
Type of control gear Not required Max. number of luminaires per miniature circuit breaker C16 (MCB) 240 With control gear Rated ambient temperature according to IEC 62722-2-1 -25 50 Degrees celsius Exchangeable control gear ✓ Luminaire efficacy 110 Lumen/Watt	Material cover	Plastic, opal		150
With control gear Rated ambient temperature according to IEC 62722-2-1 -25 50 Degrees celsius Exchangeable control gear ✓ Luminaire efficacy 110 Lumen/Watt	Voltage type	AC/DC		120
IEC 62722-2-1 Exchangeable control gear ✓ Luminaire efficacy 110 Lumen/Watt	Type of control gear	Not required		240
	With control gear	*		-25 50 Degrees celsius
Dimmable Rated luminous flux according to IEC 820 Lumen	Exchangeable control gear	✓	Luminaire efficacy	110 Lumen/Watt
* 62722-2-1	Dimmable	×	Rated luminous flux according to IEC 62722-2-1	820 Lumen
Dimming 0-10 V X Suitable for lamp power 4 11 Watt	Dimming 0-10 V	×	Suitable for lamp power	4 11 Watt

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PRODUCT FEATURES (continuation)

Dimming 1-10 V × 100|112 Lumen/Watt Luminaire efficacy Dimming DALI × Max. system power 11 Watt Dimming DALI-2 Rated luminous flux according to IEC 410|820 Lumen × 62722-2-1 Dimming DMX × 3000|4000 Kelvin Colour temperature Dimming GPRS × Flickering value Pst LM 0.6 **Dimming LineSwitch** × 0.915 Power factor Dimming DSI × Stroboscope effect value SVM 0.1 Dimming manufacturer's proprietary 290 Millimetre Width × system Dimming mains voltage modulation × Height/depth 57 Millimetre × Dimming phase cut-off (trailing edge) Length 290 Millimetre × Dimming phase cut-on (leading edge) 290 Millimetre Outer diameter Dimming programmable × Total harmonic distortion 0.228 Dimming potentiometer (integrated) × Luminous intensity 413 Candela Dimming RF × Number of poles 4 Dimming Sine Wave Reduction × Conductor cross section 2.5 Square millimetre Dimming Touch and Dim × Total harmonic distortion (THD) 0.228 Percentage × Dimming Zigbee Connectable conductor cross section 1|2.5 Square millimetre Dimming with push-button × Luminous intensity 200|455 Candela 1 No dim function Unified Glare Ratio (UGR) 16 Dimming depending on control gear × Light distributor Diffuser lens/optic/panel Light distribution Symmetric Beam angle > 80° - Extreme wide beam SDCM3 Colour consistency (McAdam ellipse) Light outlet Direct Energy efficiency class of the light source С according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Energy efficiency class of the built-in Other lamp Energy efficiency class of the provided С exchangeable built-in lamp Highest energy efficiency class of the С exchangeable lamp Lowest energy efficiency class of the exchangeable lamp С Degree of protection (IP), rear side IP40 IP40 Degree of protection (IP), front side IP40 Degree of protection (IP) Degree of protection (NEMA) 3 Impact strength IK08 Protection class according to IEC 61140 Ш Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 1 × Emergency power supply integrated None Emergency power supply system Suitable for emergency lighting × Emergency function monitoring system None With switch × × With presence detector × With movement sensor With light sensor ×

×

Covering of the luminaire with thermally

insulating material possible

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PRODUCT FEATURES (continuation)

With air slots	×
Filament test according to IEC 60695-2- 11	650 °C - 30 s
Colour of light according to EN 12464-1	Neutral white 3300-5300 K
Colour of light	White
Colour rendering index CRI	80-89
Constant light output (CLO)	×
Type of wiring	Ending
Connection type	Plug-in connector for plug-in building installation
Photobiological safety according to EN 62471	RG0
Colour of light adjustable	Positions
Luminous flux adjustable	Positions
Beam angle adjustable	No
Operation by Bluetooth	×
Compatible with Casambi	×
Compatible with Apple HomeKit	×
Compatible with Google Assistant	×
Compatible with Amazon Alexa	×
IFTTT support available	×
Ball-proof according to DIN 18032-3	×

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