PHILIPS Lighting



Maxos LED

4MX883 491 LED55S/840 PSD DA20 WHELBC-2R

MAXOS LED EM 3H3S, LED Module, system flux 5500 lm, 840 neutral white, Power supply unit with DALI interface, Double asymmetric optic 20°, White, Connector with 2 additional wires for light regulation

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED Industry offers best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED Industry system comprises exchangeable mid-power LED boards mounted on a standard Maxos trunking rail. A choice of wide and medium-beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: the use of our upgradable LED engine platform makes Maxos LED Industry a truly future-proof solution.

Product data

General Information	
Lamp family code	LED55S [LED Module, system flux 5500 lm]
ight source replaceable	No
Number of gear units	1 unit
Gear	_
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen

	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)		
	value also represents the B10 value.		
Service tag	Yes		
Product family code	4MX883 [MAXOS LED EM 3H3S]		
Lighting Technology	LED		
Value ladder	Performance		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	-		

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Power Factor (Fraction)

Number of products on MCB of 16 A type 24

Connection

Temperature

Dimmable

Control interface

Housing Material

Reflector material

Optical cover material

Optic material

Constant light output

Ambient temperature range

Controls and Dimming

Driver/power unit/transformer

Mechanical and Housing

Cable

в

ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes		
Light Technical			
Luminous Flux	5,500 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	150 lm/W		
Color rendering index (CRI)	≥80		
Number of light sources	1		
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white		
Optic type	Double asymmetric optic 20°		
Optical cover type	Polymethyl methacrylate bowl/cover		
Luminaire light beam spread	20°		
Unified glare rating CEN	Not applicable		
Operating and Electrical			
Input Voltage	220-240 V		
Line Frequency	50 to 60 Hz		
Inrush current	21 A		
Inrush time	0.280 ms		
Power Consumption	36.5 W		

0.97

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regulation

-20 to +35 °C

Yes

DALI

Steel

Polymethyl methacrylate

Polymethyl methacrylate

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No

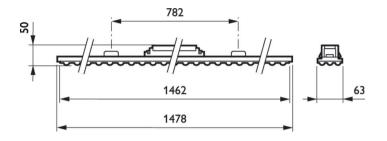
Connector with 2 additional wires for light

Power supply unit with DALI interface

Fixation material	Steel				
Housing Color	White				
Optical cover finish	Clear				
Overall length	1,478 mm				
Overall width	63 mm				
Overall height	50 mm				
Dimensions (Height x Width x Depth)	50 x 63 x 1478 mm				
Approval and Application					
Ingress protection code	IP20 [Finger-protected]				
Mech. impact protection code	IK02 [0.2 J standard]				
Sustainability rating	-				
Protection class IEC	Safety class I				
Initial Performance (IEC Compliant)					
Luminous flux tolerance	+/-10%				
Initial chromaticity	(0.38, 0.38) SDCM <3.5				
Power consumption tolerance	+/-10%				
Over Time Performance (IEC Compli	ant)				
Control gear failure rate at median useful 5 %					
Control gear failure rate at median useful	5 %				
Control gear failure rate at median useful life 50000 h	5 %				
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Dimensional drawing





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