

Wayline - non-dimmable

Wayline 1500 4900lm 830
0048920



Product features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing (safety cable included), through wiring capability, steel housing, 4900lm, 36W, 136lm/W, 3000K, CR180, 3 step MacAdam ellipse, symmetric wide beam angle, Class I, 90000 hrs L80B20 lifespan, non-dimmable driver, IK08, IP20, 1523 x 70 x 76.5mm (LxWxD) dimensions, 1.72kg weight.



PRODUCT OVERVIEW

Product name	Wayline 1500 4900lm 830
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4278302
Warranty	5 years
Fixture luminous flux (lm)	4900
Luminaire efficacy (lm/W)	136
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	115
Photobiological Risk Group	RG1
Total power consumption (W)	36
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK08
Product EAN number	5410288489209

DATA TABLE

General data

Product name	Wayline 1500 4900lm 830
Technology	LED
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	-10°C...+40°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4278302
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4900
Luminaire efficacy (lm/W)	136
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	115
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	36
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Control gear required	No
No. Of switching cycles before premature failures	>25000
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	900
Inrush Current (A)	15
Inrush Duration (µs)	234
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	34
Max. Luminaires per 13A C Breaker	44
Max. Luminaires per 16A C Breaker	56
Max. Luminaires per 20A C Breaker	68
Max. Luminaires per 10A B Breaker	20
Max. Luminaires per 13A B Breaker	26
Max. Luminaires per 16A B Breaker	33
Max. Luminaires per 20A B Breaker	41

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	90000
Lifespan L80 B20	90000

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1523
Nominal Product Width (mm)	70
Nominal Product Height (mm)	76.5
Weight (kg)	1.72

Packaging

Single packaging type	Carton
Product EAN number	5410288489209
Packaging single length / height (cm)	153.5
Packaging single width (cm)	8.0
Packaging single depth (cm)	7.4
DUN14 (outer)	15410288489206
Units per outer package	4
Packaging outer length / height (cm)	155.0
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	17.0

Safety data

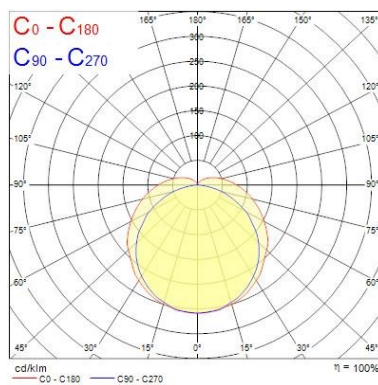
Optimal operating condition (°C)	-10-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.50 2.73	5088	433	103
1.0	3.00 5.47	1267	108	26
1.5	4.50 8.20	563	48	11
2.0	6.00 10.93	317	27	6
2.5	7.50 13.66	203	17	4
3.0	9.00 16.40	141	12	3

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 139.3°)
— C90 - C270 (Half beam angle: 112.6°)



TECHNICAL DRAWINGS

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