

Wayline with Microwave sensor
Wayline 1200 MW 5700lm 840
0048933



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, 5700lm, 41W, 139lm/W, 4000K, CRi80, 3 step MacAdam ellipse, symmetric wide beam angle, Class I, 90000 hrs L80B20 lifespan, non-dimmable driver, MW sensor for 360° detection up to 8m range at 6m mounting height, IK08, IP20, 1220 x 70 x 76.5mm (LxWxD) dimensions, 1.47kg weight.



PRODUCT OVERVIEW

Product name	Wayline 1200 MW 5700lm 840
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4278323
Warranty	5 years
Fixture luminous flux (lm)	5700
Luminaire efficacy (lm/W)	139
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	115
Photobiological Risk Group	RG1
Total power consumption (W)	41
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	5410288489339

DATA TABLE

General data	
Product name	Wayline 1200 MW 5700lm 840
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 4278323

Warranty 5 years

Optical data

Fixture luminous flux (lm) 5700

Luminaire efficacy (lm/W) 139

Colour temperature (K) 4000

Light colour Neutral White

CRI (Ra) 80

Colour Variation Initial (SDCM) SDCM3

Beam Angle (°) 115

Photobiological Risk Group RG1

Electrical data

Total power consumption (W) 41

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)	1220
Nominal Product Width (mm)	70
Nominal Product Height (mm)	76.5
Weight (kg)	1.47

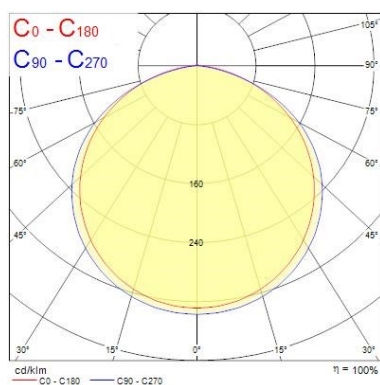
Packaging

Single packaging type	Carton
Product EAN number	5410288489339
Packaging single length / height (cm)	123.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	7.4
DUN14 (outer)	15410288489336
Units per outer package	6
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	18.0
Packaging outer depth (cm)	24.5

Safety data

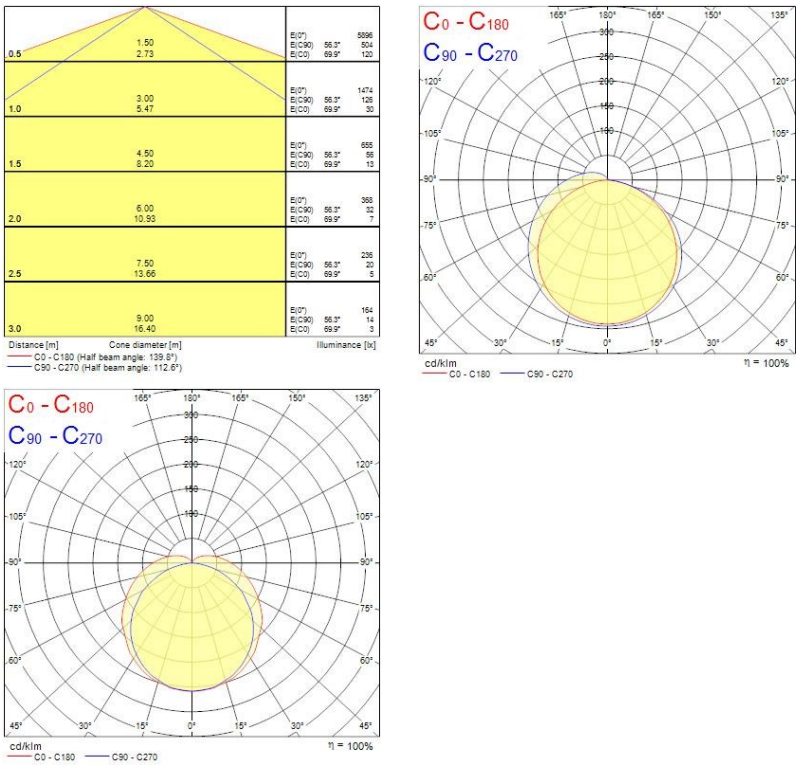
Optimal operating condition (°C)	-10-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.67	114.4°	7038
1.0	3.34	114.4°	1760
1.5	5.01	114.4°	792
2.0	6.68	114.4°	440
2.5	8.35	114.4°	282
3.0	10.03	114.4°	196
0.5	1.55	118.2°	581
1.0	3.10	118.2°	140
1.5	4.66	118.2°	62
2.0	6.21	118.2°	35
2.5	7.76	118.2°	22
3.0	9.31	118.2°	16

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TECHNICAL DRAWINGS

