

Wayline - non-dimmable

Wayline 600 2900lm 840
0048911



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, 2900lm, 21W, 138lm/W, 4000K, CR180, 3 step MacAdam ellipse, symmetric wide beam angle, Class I, 90000 hrs L80B20 lifespan, non-dimmable driver, IK08, IP20, 672 x 70 x 76.5mm (LxWxD) dimensions, 0.85kg weight.



PRODUCT OVERVIEW

Product name	Wayline 600 2900lm 840
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4278287
Warranty	5 years
Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	138
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)	21
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	5410288489117

DATA TABLE

General data

Product name	Wayline 600 2900lm 840
Technology	LED
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	-10°C...+40°C

Wayline - non-dimmable

Wayline 600 2900lm 840
0048911

Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4278287
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	138
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)	21
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)	550
Inrush Current (A)	8.5
Inrush Duration (µs)	107
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	102
Max. Luminaires per 13A C Breaker	133
Max. Luminaires per 16A C Breaker	183
Max. Luminaires per 20A C Breaker	205
Max. Luminaires per 10A B Breaker	62
Max. Luminaires per 13A B Breaker	80
Max. Luminaires per 16A B Breaker	108
Max. Luminaires per 20A B Breaker	123

Lifetime data

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

Wayline - non-dimmable

Wayline 600 2900lm 840
0048911

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)	672
Nominal Product Width (mm)	70
Nominal Product Height (mm)	76.5
Weight (kg)	0.85

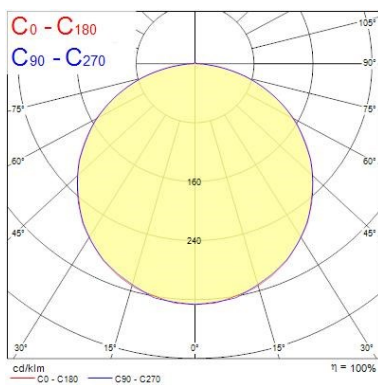
Packaging

Single packaging type	Carton
Product EAN number	5410288489117
Packaging single length / height (cm)	68.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	7.4
DUN14 (outer)	15410288489114
Units per outer package	9
Packaging outer length / height (cm)	69.5
Packaging outer width (cm)	26.0
Packaging outer depth (cm)	24.5

Safety data

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

PHOTOMETRY



Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{15°} [lx]	E _{30°} [lx]	E _{45°} [lx]	E _{60°} [lx]	E _{75°} [lx]	E _{90°} [lx]
0.5	1.65 1.64	3558	247	252				
1.0	3.30 3.28	890	63	63				
1.5	4.95 4.91	396	27	27				
2.0	6.60 6.55	222	16	16				
2.5	8.25 8.19	142	10	10				
3.0	9.91 9.83	99	7	7				

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

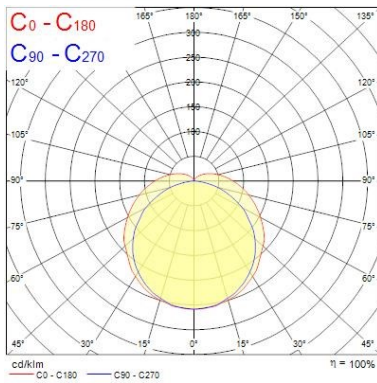
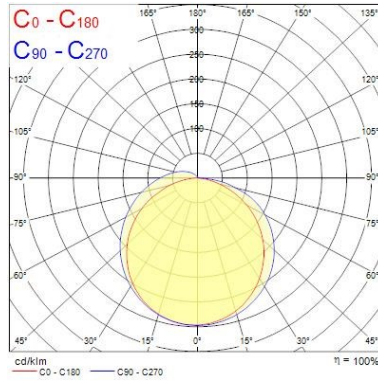
— C0 - C180 (Half beam angle: 117.2°)
— C90 - C270 (Half beam angle: 117.6°)

Wayline - non-dimmable Wayline 600 2900lm 840 0048911

0.5	1.50 2.73	E(0°) E(C90) E(C0)	3000 286 81
1.0	3.00 5.47	E(0°) E(C90) E(C0)	750 64 18
1.5	4.50 8.20	E(0°) E(C90) E(C0)	333 28 7
2.0	6.00 10.93	E(0°) E(C90) E(C0)	187 16 4
2.5	7.50 13.66	E(0°) E(C90) E(C0)	120 10 2
3.0	9.00 16.40	E(0°) E(C90) E(C0)	83 7 2

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

— C0 - C180 (Half beam angle: 139.8°)
— C90 - C270 (Half beam angle: 112.6°)



TECHNICAL DRAWINGS

