

Wayline - DALI

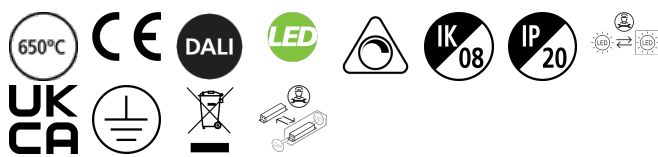
Wayline 1200 DALI 3100lm 840

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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, 3100lm, 23W, 135lm/W, 4000K, CR180, 3 step MacAdam ellipse, symmetric wide beam angle, Class I, 90000 hrs L80B20 lifespan, DALI dimmable driver, IK08, IP20, 1220 x 70 x 76.5mm (LxWxD) dimensions, 1.66kg weight.



PRODUCT OVERVIEW

Product name	Wayline 1200 DALI 3100lm 840
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4278313
Warranty	5 years
Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	135
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)	23
Electrical protection	Class I
Dimmable	Yes with restrictions
Dimming method	DALI-2
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK08
Product EAN number	5410288489247

DATA TABLE

General data

Product name	Wayline 1200 DALI 3100lm 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	4278313
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	135
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)	23
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	Yes with restrictions
Dimming method	DALI-2
Drive current (mA)	550
Inrush Current (A)	26
Inrush Duration (µs)	140
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	37
Max. Luminaires per 13A C Breaker	48
Max. Luminaires per 16A C Breaker	61
Max. Luminaires per 20A C Breaker	74
Max. Luminaires per 10A B Breaker	22
Max. Luminaires per 13A B Breaker	29
Max. Luminaires per 16A B Breaker	36
Max. Luminaires per 20A B Breaker	45

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)	1.66

Packaging

Single packaging type	Carton
Product EAN number	5410288489247
Packaging single length / height (cm)	123.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	7.4
DUN14 (outer)	15410288489244
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

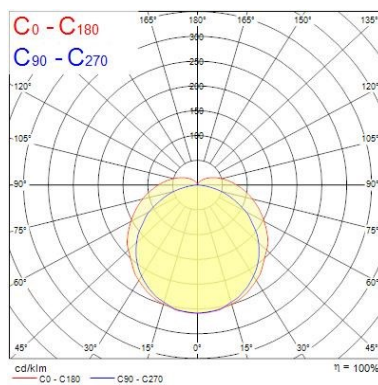
Optimal operating condition (°C)	-10-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.50 2.73	3206	274	66
1.0	3.00 5.47	802	69	16
1.5	4.50 8.20	356	30	7
2.0	6.00 10.93	200	17	4
2.5	7.50 13.66	128	11	3
3.0	9.00 16.40	89	8	2

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

— C0 - C180 (Half beam angle: 139.9°)
— C90 - C270 (Half beam angle: 112.6°)



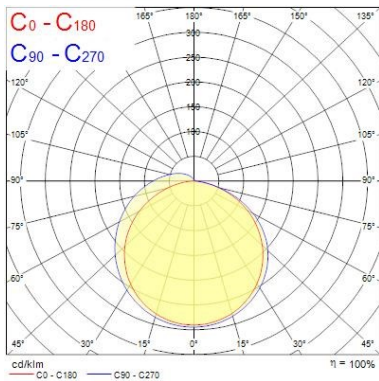
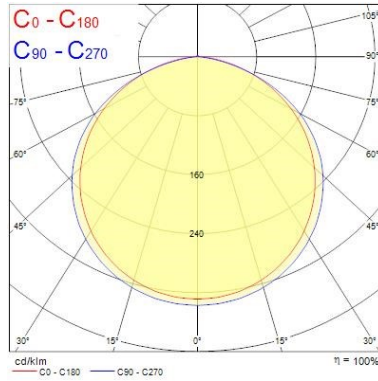
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0.5	1.67 1.55	E(0°) E(C90) E(C0)	3018 256 304
1.0	3.24 3.10	E(0°) E(C90) E(C0)	954 88 79
1.5	5.01 4.66	E(0°) E(C90) E(C0)	424 30 34
2.0	6.69 6.21	E(0°) E(C90) E(C0)	238 17 19
2.5	8.35 7.76	E(0°) E(C90) E(C0)	153 11 12
3.0	10.03 9.31	E(0°) E(C90) E(C0)	106 8 8

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

— C0 - C180 (Half beam angle: 114.4°)
— C90 - C270 (Half beam angle: 119.2°)



TECHNICAL DRAWINGS

