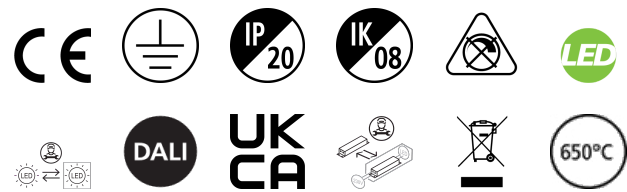


Wayline 1200 MWCOR 3100lm 840

Item No: 0048940



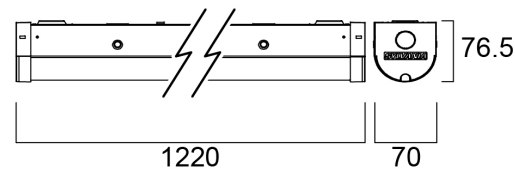
PRO



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, 24W, 129lm/W, 4000K, CRI80, 3 step MacAdam ellipse, symmetric wide beam angle, Class I, 90000 hrs L80B20 lifespan, DALI driver, corridor function with microwave presence sensor, IK08, IP20, 1220 x 70 x 76.5mm (L x W x H) dimensions, 1.73kg.

Technical Assets

Dimensions (mm)



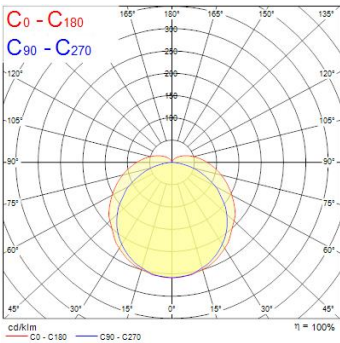
Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C80)	E(C90)	Footcandle
0.5	1.50 2.73	3208	574	65	
1.0	3.00 5.47	802	144	16	
1.5	4.50 8.20	358	64	7	
2.0	6.00 10.93	200	37	4	
2.5	7.50 13.66	128	23	2	
3.0	9.00 16.40	89	15	1	

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

— C0 - C180 (Half beam angle: 139.0°)

— C90 - C270 (Half beam angle: 112.0°)



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General data

Product name	Wayline 1200 MWCOR 3100lm 840
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4278327
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	129
Correlated 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)	24
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Dimmable	No
Dimming method	DALI-2
Drive current (mA)	550
Inrush Current (A)	26
Inrush Duration (µs)	140
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	37
Max. products per 13A C Breaker	48
Max. products per 16A C Breaker	61
Max. products per 20A C Breaker	74
Max. products per 10A B Breaker	22
Max. products per 13A B Breaker	29
Max. products per 16A B Breaker	36
Max. products 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)	1.73

Packaging

Product EAN number	5410288489407
Packaging single length / height (cm)	123.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	7.4
DUN14 (inner)	15410288489404
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

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-40