



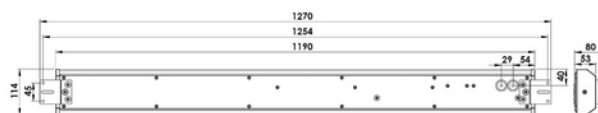
PRODUCT DATA SHEET

Columba 16000lm 840 90° 86W WH DALI

Art.no: 5712-04-3-ddd



Lighting Solutions



Columba 16000lm 840 90° 86W WH DALI



Surface mounted or suspended LED luminaire for use in industry, warehouse, hall and sports arena. Choose between various editions with different lumen output, optics and DALI2 driver.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	DALI
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IK (system)	IK08
IP (system)	IP65
Outdoor	No
Operating temperature (°C)	-20 - 35

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PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	172
CRI / Ra ($\geq$)	80
CCT (Color Temperature) (K)	4000
Color Code	840
Socket / Cap-Base	N/A
Lifetime (h)	L80B50: 100 000
MacAdam (SDCM)	3

DRIVER	
Manufacturer (driver)	Tridonic
Protection Class (driver)	1 or 2
Max Output Voltage (V)	250
Dimming Minimum Level (%)	1.0
Dimming output type	Amplitude Modulation
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	250 - 700
CC (forward voltage driver) (V)	80.0 - 143.0
Output Current Tolerance (%)	3.0
Current Ripple (%)	5.0
Max load pr circuit - B10	6
Max load pr circuit - B16	10
Max load pr circuit - C10	10
Max load pr circuit - C16	16
Max load pr circuit - C20	21
Leakage current (mA)	0.46
Inrush current time (μ s)	280.0
Inrush current I _{max} (A)	33.0

DIMENSIONS	
Length (product) (mm)	1190.0
Width (product) (mm)	114.0
Height (product) (mm)	80.0
Weight (product) (kg)	2.2

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*Lighting Solutions***MATERIALS AND SURFACES**

Color	White
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INSTALLATION AND CONNECTION

Areas of use	Generally, Industrial, Sports areas
Mounting	Surface, Suspended, Ceiling

ENERGY AND CERTIFICATIONS

CE mark	Yes
Energy Efficiency Class	A++

LIGHT DISTRIBUTION