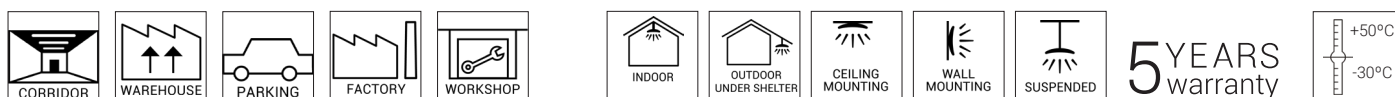


DUNA BIO

The new sustainable DUNA

It is the new ZALUX luminaire based on DUNA FLEX.

This is our statement of drive towards **sustainability and circular economy** with the use of bio-based plastic, not derived of petroleum derivatives



Benefits

- Housing and diffuser made of >70% **bio-based materials** with biomass origin, produced from renewable sources.
- Material used is a partly bio-based polycarbonate ISCC certified, **not derived of petroleum** derivatives, but from waste products.
- High efficiency with **up to 167 lm/W**.
- Temperature range **up to 50°C**, with **100,000 hours** lifetime.

Characteristics



Mechanical characteristics

Housing	Injected partly bio-based polycarbonate Green RAL 6017 (grey RAL 7035 available under request)
Diffuser	Injected partly bio-based polycarbonate
Closing clips	Stainless steel, unremovable
Gasket	Polyurethane
Gear tray	White lacquered steel plate
Cable entry	Cable gland
Fixing clips	Stainless steel
Suspension triangles	Stainless steel
Chemical agents resistance	See website

Electrical characteristics

Connection	3/5 pole push wire terminal block
Power factor	> 0.95 full load
THD	< 10% full load
Flicker factor	< 1%

Functional characteristics

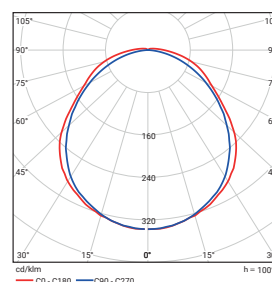
Lifetime	L80 100,000 hours at 35°C
Guarantee	5 years
Fire protection	Flammability (UL94): V2 Glow wire test (EN 60695-2-11): 850°

Compliance



Photometrical characteristics

SDCM	< 3
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DUNA BIO

Description

FAMILY	VERSION	LENGTH (mm)	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	CLOSING CLIPS	CONNECTION	THROUGH WIRING
> D: DUNA	> BHE	> 1.2: 1200 > 1.5: 1500	> 40: 4120 > 60: 6180	> 8: >80	> 40: 4000	> ET: non dimmable	> IX-U: stainless steel unremovable	> CG: cable gland + terminal block	> 5x2.5mm ²
Special options under request									
Ask our Sales Team for more details				> 9: >90	> 30: 3000 > 65: 6500 > 827-865: tunable white	> ETD: 1-10V dimmable		> TWW: Wieland fast connector > TWS: Stucchi fast connector	> 5x1.5mm ²

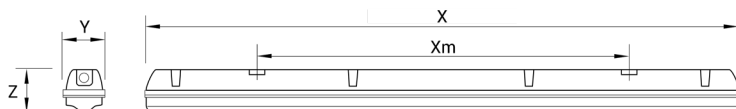
Operational data

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
DBHE 1.2 40-840 ET IX-U CG	10243456	4120	25	165	4000	> 80	-30°C - +50°C
DBHE 1.2 40-840 ET IX-U CG 5x2,5	10243459	4120	25	165	4000	> 80	-30°C - +40°C
DBHE 1.5 60-840 ET IX-U CG	10243457	6180	37	167	4000	> 80	-30°C - +50°C
DBHE 1.5 60-840 ET IX-U CG 5x2,5	10243458	6180	37	167	4000	> 80	-30°C - +40°C

Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
DBHE 1.2...	1277	800	101	84	1384 x 104 x 84	1	1.8	119	77 + 77
DBHE 1.5...	1573	1100	101	84	1646 x 104 x 84	1	2.3	119	77 + 77

Please check with our Back Office to confirm logistic data



Accessories

10103049	Suspension wire 2m hook and fastener, 1 unit ¹
10149442	Theft protection (required for wall mounting), set for 1 luminaire
10207593	ZBWM wall mounting accessory (allows luminaire rotation), 2 pieces set
10256809	Fixing clips in stainless steel 316L, 2 units

³ 2 units required per luminaire

