

Features

- Certified for Zone 1&2, Zone 21&22
- High vibration resistance - 1000 hours salt spray 5G vibration
- Up to 50,000 hours LED service life
- Copper free aluminum body and corrosion resistant frame
- Various installation methods, wide and narrow optics for uniform and high quality illumination in all applications

General

Product name:	FL-ATEX-A3 N 40 DXX ^(*)
Product code:	FL-ATEX-150W-A3N40DXX ^(*)
Electrical number:	
Customer code:	

*1: Varies on the beam angle. See page 2 for examples.

Technical Data

Max ambient temp:	50°C (122°F)
Min ambient temp:	-40°C (-40°F)
IP-rating:	IP66 / IP67
IK-rating:	IK08 (Glass cover) IK10 (With wire guard)
Product warranty:	5 Years

Electrical Data

Total consumption (W):	150W
Minimum Input Voltage -10% (VAC):	120
Maximum Input voltage +10% (VAC):	277 (277-480VAC Optional)
Minimum Frequency -5% (Hz):	50
Maximum Frequency +5% (Hz):	60
PF:	>0.95

Ballast/Driver

Type of Ballast/Driver:	EX-150W-2A9-B
Number of Ballast/Driver:	1
Control Type:	ON/OFF (0-10V Dimming Optional)
Manufacturer:	Meanwell
Driver IP-Rating:	IP66/IP67

Light Data

Light Source:	SMT LED
Chip Manufacturer:	LUMILEDS
Lamp Power (W):	150
Luminous Flux @4000K:	21 000
Energy Efficiency:	140lm/W
CRI:	>70
CCT:	4000K (Others on request)

Optic

Material of the Diffuser:	Tempered Glass & PC
Output Angle (°):	40° / 60° / 90° / 120°

Materials

Housing Colour Code:	Gray RAL9006
Housing Main Material 1:	Copper free Aluminum
Bracket Material:	Stainless Steel
Diffuser Material:	Tempered Glass & PC



Dimensions

Net weight (kg):	8,3
Height (mm):	268
Width (mm):	230
Depth (mm):	380

Packing Information

Gross weight (kg):	10,3
Height (mm):	365
Width (mm):	340
Depth (mm):	485
Packages per pallet:	xx

Termination

Type of cable gland:	Side: 3/4 NPT, (M20, M25, 1/2NPT) ^(*) Top: 3/4 NPT, (M25)* *2: 3/4 NPT as standard, others available on request.
Minimum cable diameter:	Ø 6mm
Maximum cable diameter:	Ø 10mm
Type of blind-plug:	3/4 NPT
Number of blind plugs:	2

Installation

Mounting:	Ceiling, wall, hook, pole, arm, stanchion
Safety wire:	Ex-Chain (Available as accessory)
Bracket type:	UBR

Certificates & Standards

	Zone 1&2, Zone 21&22 CB (Ref. Certif. No.: DE-2-038462-M1) IP66/67 IK08 (IK10 with wire guard), 1000 hours salt spray 5G vibration
ATEX Standard:	II 2 G Ex eb mb IIC T6...T4 Gb II 2 D Ex tb IIIC T80°C...T100°C Db II 3G Ex ec IIC T6...T3 Gc II 2D Ex tb IIIC T85°C...T100°C Db
IECEx Standard:	Ex eb mb IIC T6...T4 Gb Ex tb IIIC T80°C...T100°C Db Ex ec IIC T8...T3 Gc Ex tb IIIC T85°C...T100°C Db
Other Certifications:	ABS Type Approval DLC UL / ETL Certified version on request

Order Code

Product Family	Wattage	Product Series	Dimming Option	Color Temp.	Beam Angle
FL-ATEX	150	A3	N = Non-dimmable	40 (=4000K) ^{(*)4}	D40 = 40°
			D = Dimmable ^{(*)3}		D60 = 60°
					D90 = 90°
					D120 = 120°

Example code:
FL-ATEX-150W-A3N40D40

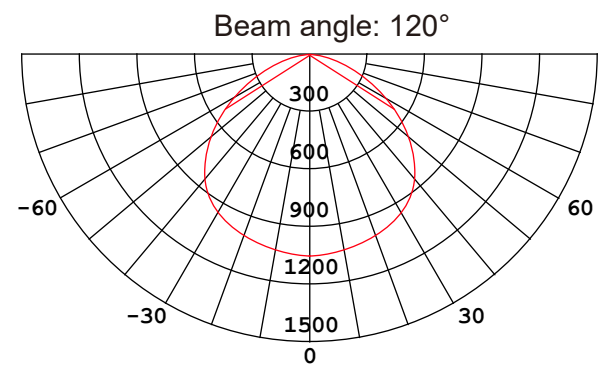
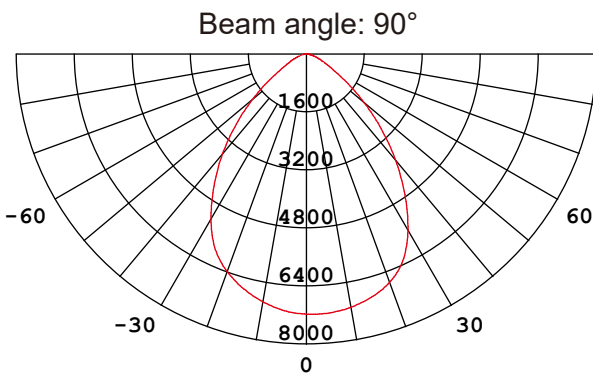
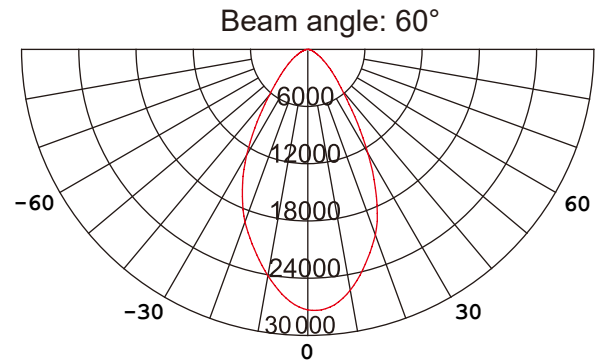
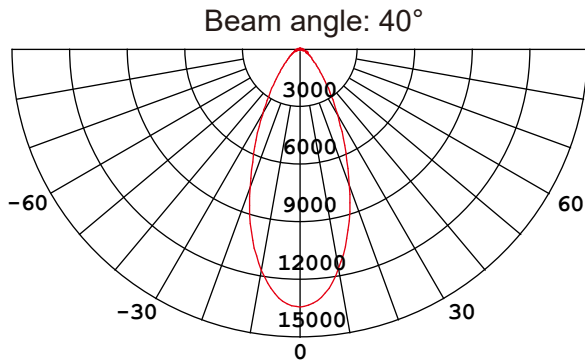
Power: 150W, non-dimmable, CCT 4000K, 40° beam angle

^{*}3: 0-10V Dimming optional on request.
^{*}4: Standard CCT is 4000K. Other color temperatures available on request.

Product Images



Light Distribution Curves



Dimensional Drawings

