

# E X - F L O O D L I G H T

**NFMV for high pressure discharge lamps  
Metal version for Zone 2 according to EN 50021**

## Description

The floodlight light fitting NFMV is in accordance to the ATEX-Directive 94/9/EG.

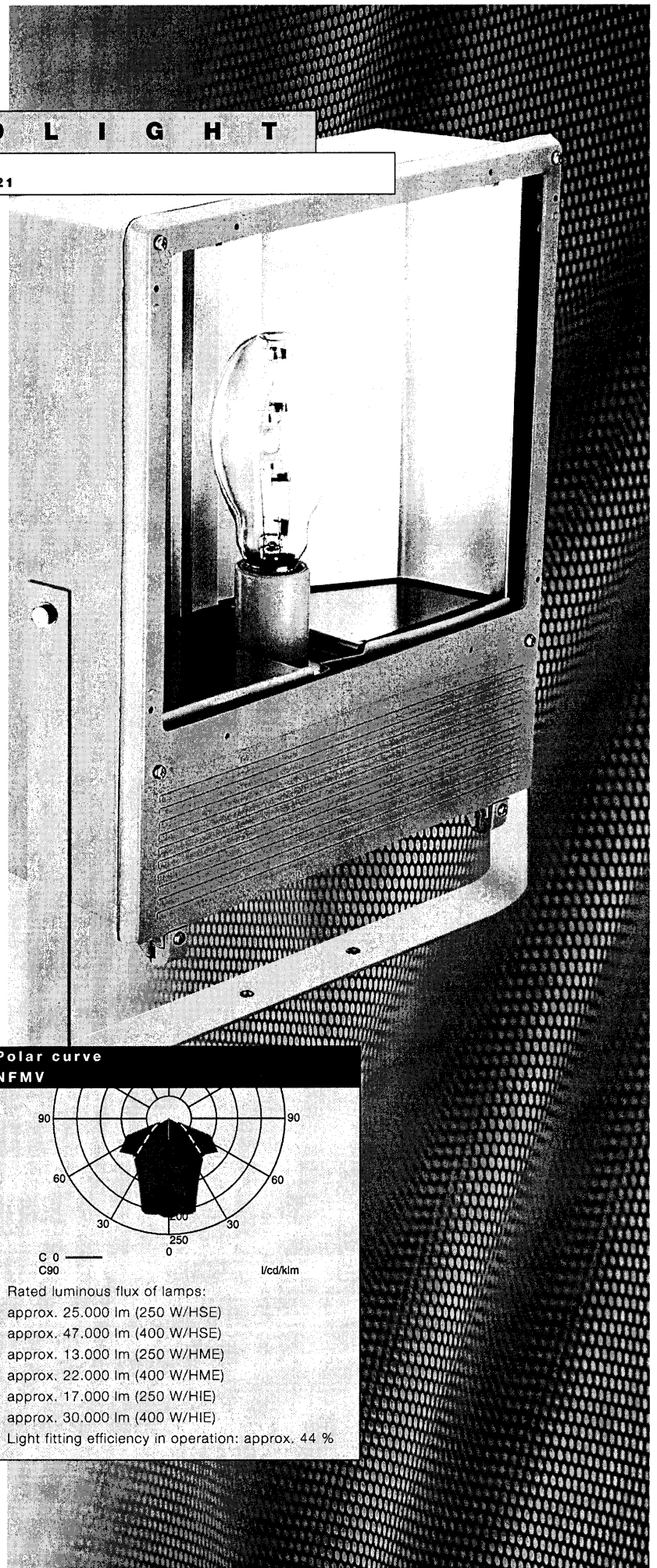
They have been built and tested according to the European Norm EN 50021 and the Australian Norm for Gas-Ex-Areas of Zone 2 classification as well as to the EN 50281-1-1 for use in Dust-Ex-Areas of Zone 22.

The light fitting series NFMV is for lamps with a rating of 250 W up to 400 W and has a high quality built-in reflector. The transparent part consists of a temperature stable, impact resistant glass.

The modular architecture allows for a quick and cost-effective installation of the light fittings. Apart from the direct mounting per swivel bracket there is also a mast version available.

A particularly durable sealing system for use under extreme climatic conditions brings additional reliability.

The restricted breathing version allows a high illumination combined with a high temperature classification.



**Polar curve  
NFMV**



Rated luminous flux of lamps:  
approx. 25.000 lm (250 W/HSE)  
approx. 47.000 lm (400 W/HSE)  
approx. 13.000 lm (250 W/HME)  
approx. 22.000 lm (400 W/HME)  
approx. 17.000 lm (250 W/HIE)  
approx. 30.000 lm (400 W/HIE)  
Light fitting efficiency in operation: approx. 44 %

**Rotate und swivel light fitting housing,  
also for mast mounting**

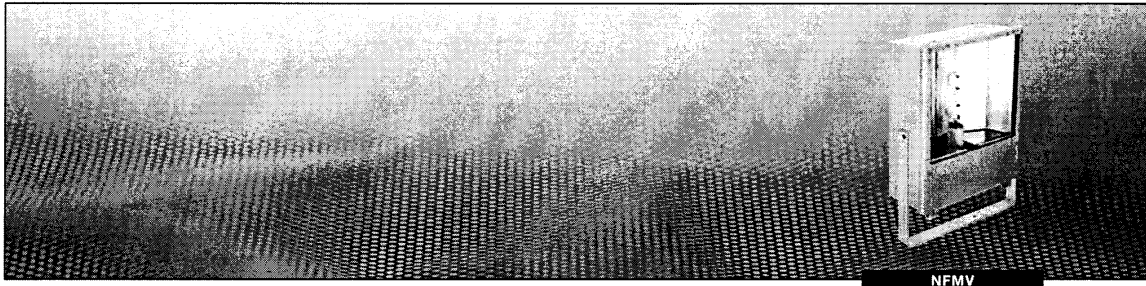
**Ideal for illumination of large areas and  
selective individual objects**

**Safety Standard IP 66**

**High corrosion resistance**

**Restricted breathing version**

**Environmental temperatures up to +55° C**

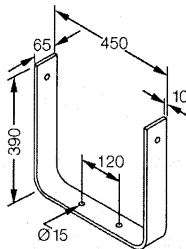
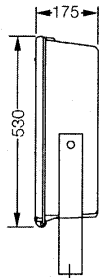
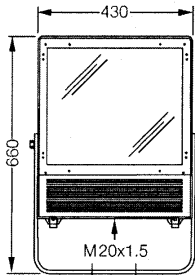


NFMV

EX - FLOODLIGHT

4.33

| NFMV |



NFMV

Technical data

Type NFMV

Marking to 94/9/EC	Ex II 3 G / Ex II 3 D (max. surface temp. see ordering details)
Type of protection	EEx nR II, temperature class depends on lamp power
Conformity statement	PTB 00 ATEX 2214
Enclosure material	copper-free aluminium with epoxy powder coating
Transparent cover	Borosilicate glass
Rated voltage	240 V/50 Hz, other voltage on request
Power factor λ	> 0.9
Protection category to EN 60529	IP 66
Insulation class	I
Permissible ambient temperature	-20 °C to +55 °C
Cable entries	Drilling: 2 x M20 x 1.5 with blanking plug M20
Connecting terminals	L, N and PE; max. 2 x 2.5 mm <sup>2</sup>
Lamp holder	E 40 to IEC 60238
Weight	see ordering details

Ordering details

Type NFMV ...	Moun- ting	HSE	HME	HIE	Temp.- class	max. surface temp.	Weight (approx. kg)	Order No.
S1MY2560000	bracket	250 W			T3 <sup>1)</sup>	150 °C	16.9	1 2346 000 001
S1MY4060000	bracket	400 W			T3	195 °C	18.6	1 2346 000 002
H1MY2560000	bracket		250 W		T3	155 °C	20.5	1 2346 000 003
H1MY4060000	bracket		400 W		T3	195 °C	22.0	1 2346 000 004
M1MY2560000	bracket			250 W	T3 <sup>1)</sup>	150 °C	16.9	1 2346 000 005
M1MY4060000	bracket			400 W	T3	195 °C	18.6	1 2346 000 006

<sup>1)</sup> Temp.-class T4 at ta max. +40 °C

Scope of delivery without illuminant and fixing accessories.

See fixing materials and fixing accessories for Ex-pendant light fittings and floodlights on page 4.34.

4