

**THE FIRST DICHROIC LAMP  
THAT FOCUSSES ON  
BETTER PERFORMANCE.**

**TRU-AIM  
PROFESSIONAL**



**SYLVANIA**

**GTE**

# CLOSED TO PROBLEMS.

There's no other low voltage tungsten halogen

## We took the basic LVTH advantages:

**Intense White Light** — for high quality, luxurious lighting effect.

**True Colour Accuracy** — Jewellery, fashion, food and paintings reveal their true, vivid beauty.

**Precision** — You can accurately spotlight or floodlight exactly the detail or area you're aiming for.

**Small Size** — Far more compact, exciting lighting designs are possible.

**Long Life** — The tungsten filament resists handling far better than conventional lamps. It also lasts up to 3500 hours.

**Cool Beam** — This is the only light that really respects food, Old Masters and delicate, fadeable colours.

## And We Closed Them All In.

Tru-Aim Professional is the first LVTH lamp that totally protects the capsule and the dichroic reflector. And that means clear professional advantages for you:

**Superior Light Distribution** — Light is focussed through the entire lens surface. At last

that annoying black hole has disappeared. The difference? Bright, uniform illumination.

**Undiminished Brightness** — Protected by our unique lens, the dichroic reflector is now safe from degradation. Air pollution, greasy hands and impurities are problems of the past and cannot ruin the brilliance of the lamp.

**Easier To Handle** — Fitting an LVTH lamp is no longer a delicate task. No need for special gloves. Even a non-professional can handle it.

**New Flexibility** — Designers can now be far more daring, since everything is safely closed in. No need for bulky, protective fixtures.

**Safety** — A vital innovation. The lens forms a barrier against fire risk, protecting people and displays.

## And We Multiplied The Advantages 22 Times.

The Tru-Aim Professional family is now bigger than ever, to answer more applications and needs. For example, we have introduced 5 new 35 mm models. Choose them for superb professional lighting of small items such as jewellery, ornaments and fashion accessories.

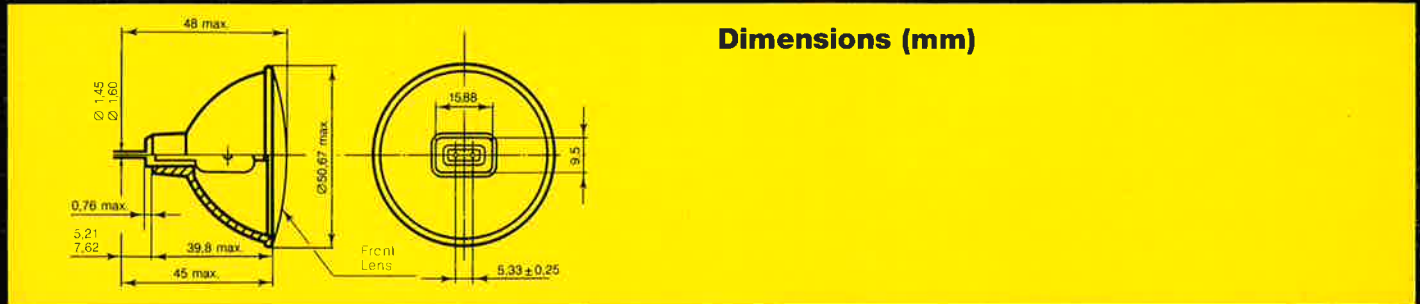




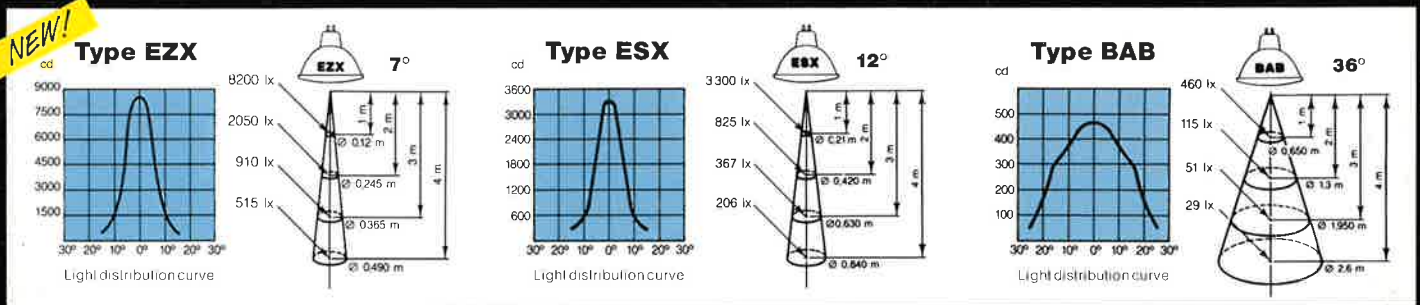
# OPEN TO EVERY POSSIBL

n light like it.

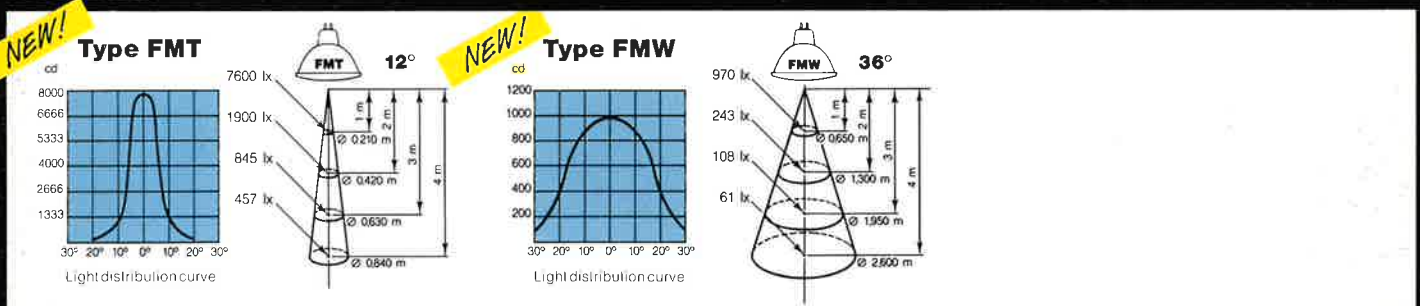
## TRU-AIM Professional 12 V – ø 50 mm GX5.3 base



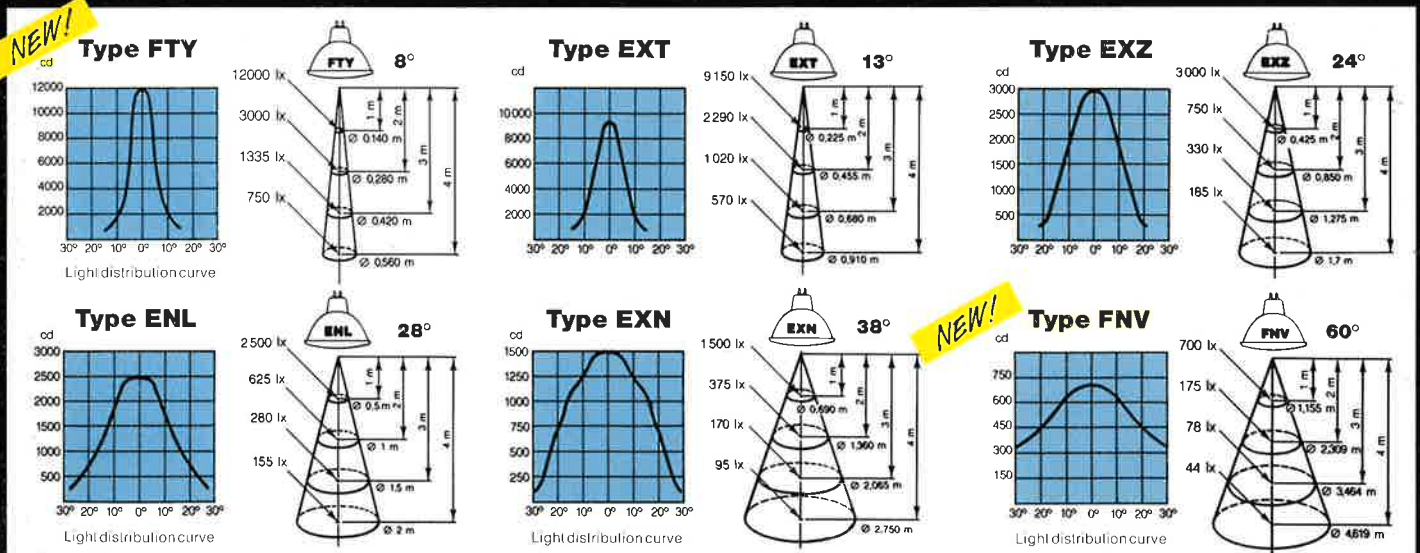
## TRU-AIM Professional 12 V, 20 W – ø 50 mm



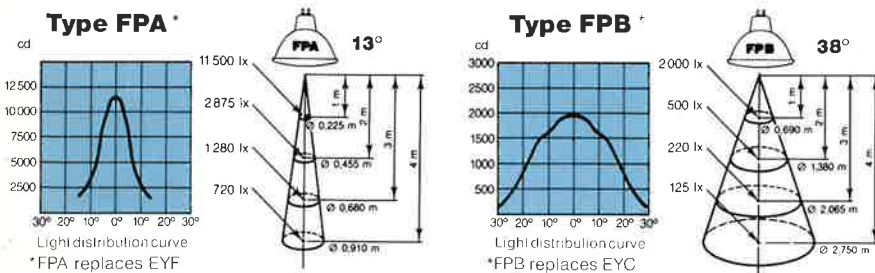
## TRU-AIM Professional 12 V, 35 W – ø 50 mm



## TRU-AIM Professional 12 V, 50 W – ø 50 mm



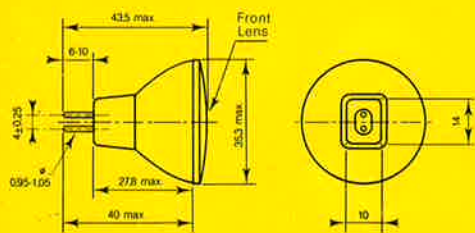
## TRU-AIM Professional 12 V, 65 W – ø 50 mm



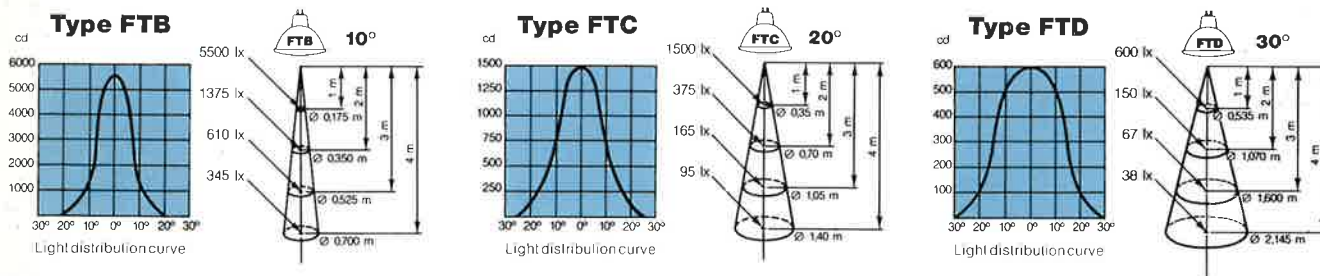
**NEW!**

## TRU-AIM Professional 12 V – ø 35 mm GZ4 base

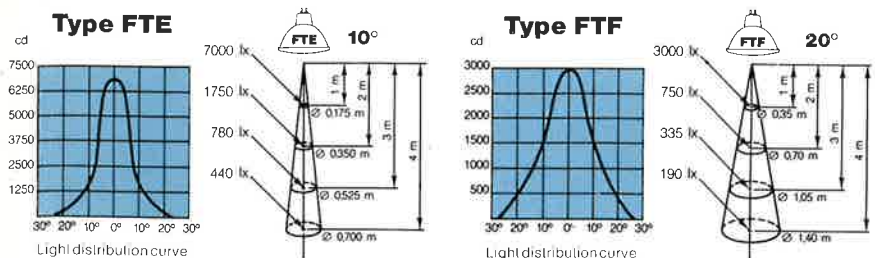
### Dimensions (mm)



## TRU-AIM Professional 12 V, 20 W – ø 35 mm



## TRU-AIM Professional 12 V, 35 W – ø 35 mm





O  
n lig





# Tru-Aim Professional. The Right Choice Has Never Been So Easy.

∅ 50 mm GX5.3 base

General Information													
Lamp Rating	20W/12V	20W/12V	20W/12V	35W/12V	35W/12V	50W/12V	50W/12V	50W/12V	50W/12V	50W/12V	50W/12V	65W/12V	65W/12V
Type Description	EZX	ESX	BAB	FMT	FMW	FTY	EXT	EXZ	ENL	EXN	FNV	FPA	FPB
Mechanical Data													
Maximum Overall Length mm	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0	45,0
Contact Pin Length Min. Max. mm	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62
Rim Diameter, max. mm	50,67	50,67	50,67	50,67	50,67	50,67	50,67	50,67	50,67	50,67	50,67	50,67	50,67
Reflector	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic
Base	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3	GX5.3
Average Life (hrs)	2000	2000	2000	3000	3000	3000	3000	3000	3000	3000	3000	3500	3500
Illumination Characteristics													
Peak Luminous Intensity cd	8200	3300	460	7600	970	12000	9150	3000	2500	1500	700	11500	2000
Colour Temperature K	2925	2925	2925	3000	3000	3050	3050	3050	3050	3050	3050	3050	3050
Half Peak Angle (nominal)	7°/VNSP	12°/NSP	36°/FL	12°/NSP	36°/FL	8°/VNSP	13°/NSP	24°/SP	28°/NFL	38°/FL	60°/WFL	13°/NSP	38°/FL
Ordering Information													
Packing Quantity	10	10	10	10	10	10	10	10	10	10	10	10	10
Order Code	21915	21900	21901	21946	21947	21917	21902	21903	21904	21905	21916	21906	21907

∅ 50 mm colours GX5.3 base

General Information				
	yellow	red	green	blue
Lamp Rating	50W/12V	50W/12V	50W/12V	50W/12V
Type Description	FNC	FND	FNE	FNF
Mechanical Data				
Maximum Overall Length mm	45	45	45	45
Contact Pin Length Min. Max. mm	5,21 7,62	5,21 7,62	5,21 7,62	5,21 7,62
Rim Diameter, max. mm	50,67	50,67	50,67	50,67
Reflector	Dichroic	Dichroic	Dichroic	Dichroic
Base	GX5.3	GX5.3	GX5.3	GX5.3
Average Life (hrs)	3000	3000	3000	3000
Illumination Characteristics				
Colour Temperature K	3050	3050	3050	3050
Half Peak Angle (nominal)	13°/NSP	13°/NSP	13°/NSP	13°/NSP
Ordering Information				
Packing Quantity	10	10	10	10
Order Code	21910	21911	21912	21913

∅ 35 mm GZ4 base

General Information					
Lamp Rating	20W/12V	20W/12V	20W/12V	35W/12V	35W/12V
Type Description	FTB	FTC	FTD	FTE	FTF
Mechanical Data					
Maximum Overall Length mm	40	40	40	40	40
Contact Pin Length Min. Max. mm	6 10	6 10	6 10	6 10	6 10
Rim Diameter, max. mm	35,3	35,3	35,3	35,3	35,3
Reflector	Dichroic	Dichroic	Dichroic	Dichroic	Dichroic
Base	GZ4	GZ4	GZ4	GZ4	GZ4
Average Life (hrs)	2000	2000	2000	3000	3000
Illumination Characteristics					
Peak Luminous Intensity cd	5500	1500	600	7000	3000
Colour Temperature K	2925	2925	2925	3000	3000
Half Peak Angle (nominal)	10°/NSP	20°/SP	30°/NFL	10°/NSP	20°/SP
Ordering Information					
Packing Quantity	10	10	10	10	10
Order Code	21940	21941	21942	21943	21944

Data given for guidance only. Sylvania reserves the right to change specifications without prior notice.

Printed in Switzerland 88-5-11 8/88

**SYLVANIA**

**GTE**