

SHIELD

EVOLVE
LIGHTING

SPORTS HALL LINEAR LIGHT



4000K
CCT



>100,000hrs
@ L80



IK10
Rated



5 Year
Warranty



UGR<22

- ✓ Ball proof construction with wire guard
- ✓ Ultra efficient system efficacy of up to 163lm/W
- ✓ Long lifetime of >100,000hrs to L80
- ✓ Low UGR of 22 for improved visual comfort
- ✓ Asymmetric and symmetric beam angles available
- ✓ Multiple mounting options
- ✓ Easy access wiring design
- ✓ Compliant with Ministry of Education specification for gymnasiums
- ✓ DALI dimming option



CODE	DEFAULT POWER	DEFAULT LUMEN OUTPUT	EFFICACY	DIMENSIONS	WEIGHT
SHIELD-120-840-90	120W	19,585lm	163lm/W	1320x238x76mm	8.4kg
SHIELD-160-840-90	160W	25,173lm	157lm/W	1320x238x76mm	8.4kg
SHIELD-200-840-90	200W	30,810lm	154lm/W	1320x238x76mm	8.6kg

LIGHTING DATA

Light Source	SMD LED
Lifetime @L80 B10	>100,000hrs
CCT	4000K
CRI	>80
UGR Rating	22
Beam Angle	90° (60°,30x90° available)

DESIGN / CONSTRUCTION

Body Material	Steel
Lens Material	PMMA
Finish	Powder-Coated
Colour	White
Installation	Surface mounted, Suspension wire

ELECTRICAL DATA

Mains Voltage	AC220-240V / 50-60 Hz
Power Factor	>0.95
THD	<10%
Driver Lifetime	>50,000hrs
Flicker Free	Yes (PstLM <1 / SVM <0.4)
Dimming Options	DALI (suffix: -DA)

TECHNICAL DATA

IP Rating	IP23
IK Rating	IK10
Operating Temp	-20° to +40°C
Protection Class	Class 1
Certifications	SAA
Warranty	5 Year product replacement

ACCESSORY CODES

Codes	Variant Description
SHIELD-SUS	Suspension Kit
SHIELD-TBRAC	Tilttable Bracket

SHIELD

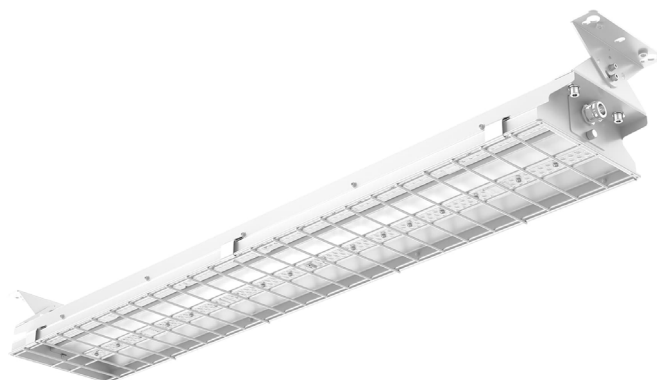
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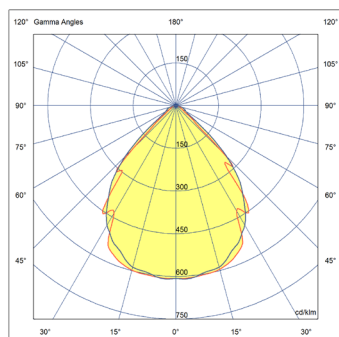
SUSPENSION KIT



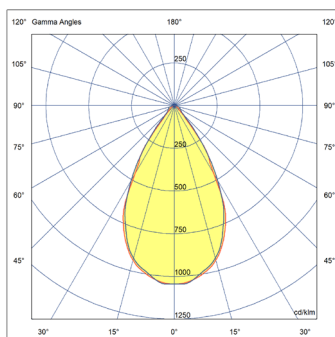
TILTABLE BRACKET



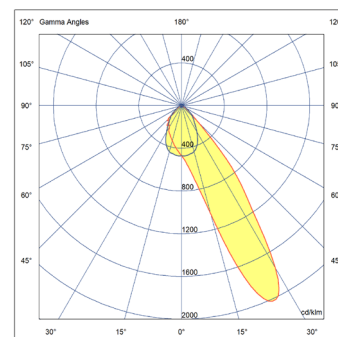
DIMENSIONS



90°

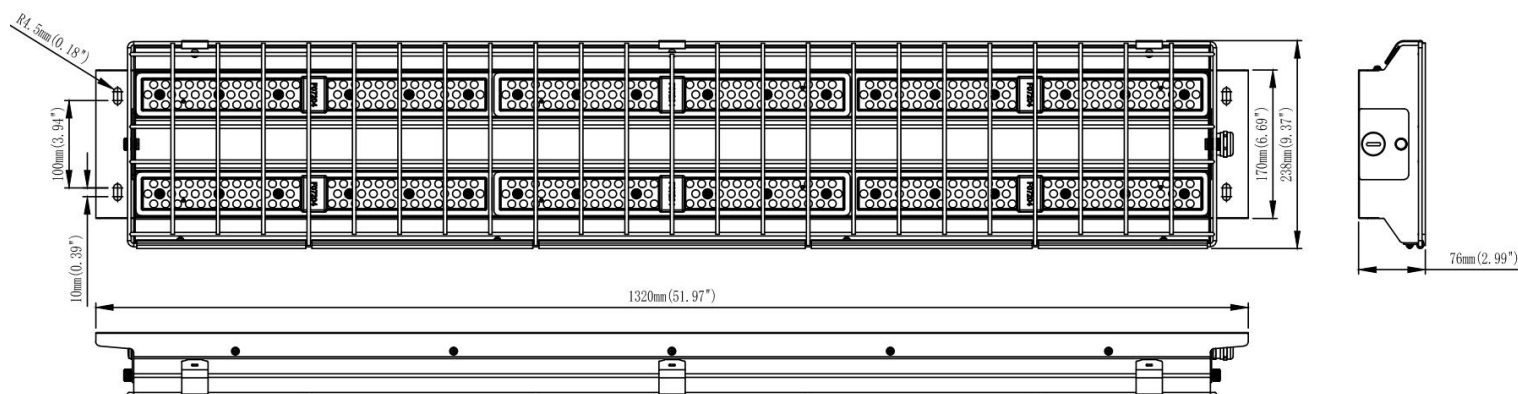


60°



30x90°

DIMENSIONS



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EASY ACCESS TERMINAL BLOCK FOR WIRING

