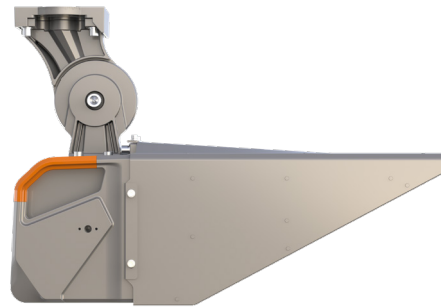
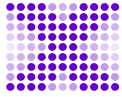




IP66 IK08

PURSOS® SHP Finesse delivers exceptional performance and versatility for sports lighting. Made with high-strength aluminum and precision engineering, it ensures excellent heat dissipation, durability, and resistance to weather and corrosion. Featuring a precision optical system, it provides uniform light distribution with advanced glare control, enhancing visibility for spectators and comfort for athletes while meeting international standards.

PURSOS® SHP Finesse supports intelligent controls for remote adjustments, including brightness, color temperature, and dynamic effects, and integrates seamlessly with venue management systems. The white light mode is perfect for sports events, offering high brightness and accurate color rendering for HD broadcasting, while the RGB mode creates vibrant, immersive effects for entertainment.

The ideal solution for competitions and events, PURSOS® SHP Finesse combines reliability, efficiency, and stunning visual impact.

Benefits

Excellent Optical Performance

- Precision optical system with high-transmittance lenses and advanced reflection technology
- Finely crafted anti-glare grilles and visor for superior glare control
- Enhances spectator viewing and ensures a comfortable environment for athletes
- Delivers uniform, efficient lighting while minimizing blind spots.

Intelligent Control with Multi-Scene Modes

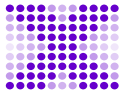
- Supports 1-10V, DMX/RDM control interfaces for real-time, dynamic lighting adjustments
- Sports white light mode: High brightness and flicker-free, perfect for broadcasts and live events
- Entertainment RGB mode: Vibrant light shows for pre-game or halftime performances, enhancing audience engagement
- Special effects: Flashing, gradients, and dynamic synchronization with audio or venue activities for a seamless experience

Durability and Reliability

- Robust construction with forged aluminium heatsinks for impact resistance, corrosion protection, and efficient heat dissipation
- High protection level IP66 & IK08
- Lumen maintenance L80-100,000 hours
- 7 year warranty

Applications

- Indoor arenas
 - Basketball gym
 - Badminton hall
 - Table tennis hall
 - Gymnastics hall
 - Swimming pool
 - Velodrome
- Outdoor arenas
 - Football pitch
 - Golf course
 - Hockey field
 - Baseball field
 - Tennis court
 - Track & field stadium
 - Snow sports venue



Optical Specifications

Power		White 800W	White 1200W	White 800W + RGB 200W		White 1200W + RGB 300W	
Color		White on	White on	White on	RGB on	White on	RGB on
Luminous Flux White @5700K (lm)	CRI 80	92000	138000	92000	6000	138000	9000
	CRI 90	80000	120000	80000	6000	120000	9000
Efficacy @5700K (lm/W)	CRI 80	115	115	115	30	115	30
	CRI 90	100	100	100	30	100	30
TLCI	CRI 80	>80, R9 >20					
	CRI 90	>90, R9 >75					
CCT	White: 5700K, other on request			White: 5700K, other on request R, G, B			
CRI				CRI 80, CRI 90			
SDCM				≤5			
Beam Angle	White: NB (15°), NMB (20°), MB (30°), WB (40°)			White: NB (15°), NMB (20°), MB (30°), WB (40°) RGB: WB (40°)			
Optical Protection				Tempered glass			

Electrical and Mechanical Specifications

Power Consumption		800W	1200W	800W + 200W	1200W + 300W
Input Voltage		White DMX Version: 220-400V AC 50/60Hz White 1-10V Version: 220-480V AC 50/60Hz			200-480V AC 50/60Hz
Power Factor				0.95	
Total Harmonic Distortion				≤5%	
Flicker factor				≤1%	
Surge protection		Independent surge protection device, Line-to-line 20KV, line-to-ground 20KV			
Dimension	Width	616mm (24.3")			
	Height	485mm (19.1")			
	Depth	673mm (26.5")			
EPA (Ft²)		4.7	5	4.7	5
Weight (Kg)	Light Engine	20		20	
	Gear Box	6		9	
Body		Forged aluminum housing with tempered glass			
Color		RAL 9022			

System Specifications

Main Input	White 1-10V Version: 220-480V AC 50/60Hz White DMX Version: 220-400V AC 50/60Hz White + RGB DMX Version: 220-480V AC 50/60Hz	
Control	White: 1-10V, DMX-RDM White + RGB: DMX-RDM	
Mounting Type	Suspended mounting	
Operating Temperature	-40°C to +50°C	
Storage Temperature	-45°C to +80°C	
Environment	IP66 / IK08, suitable for outdoor and indoor applications, Coastal Environment (ASTM B117-16) is on request	
Lumen Maintenance	L80 - 100,000hrs	
Warranty	7 years	
Safety Approval	Electrical Protection Class I, CB, CQC, Photobiological safety, RoHS, CE, UKCA	

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

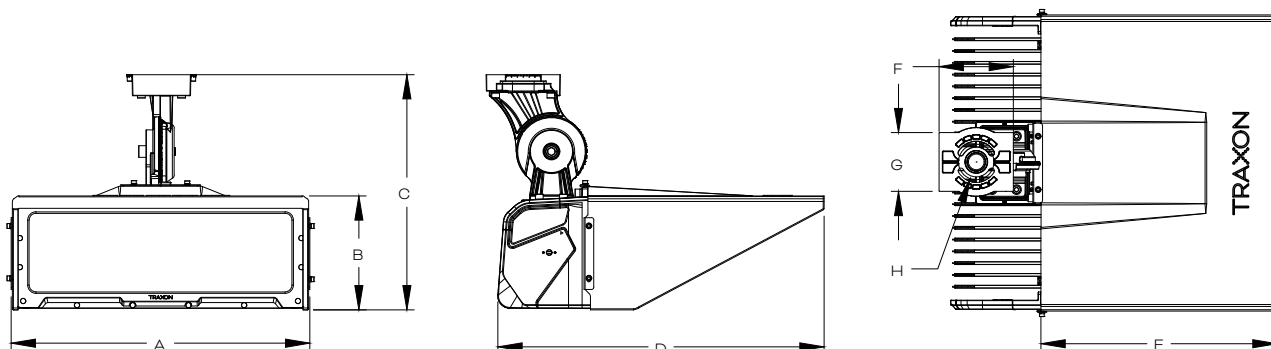
Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

Specifications are subject to change without notice. Errors and omissions excepted, always make sure to use the most recent

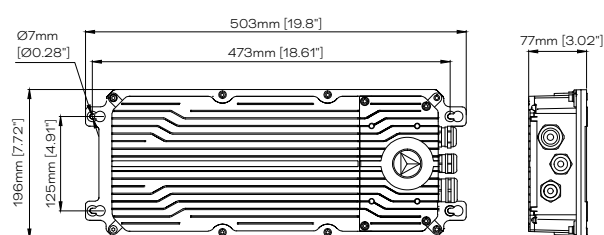


Light Engine

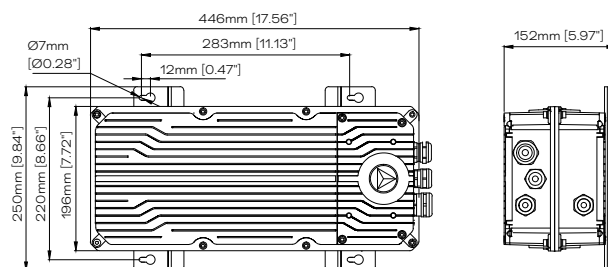


	A	B	C	D	E	F	G	H
White 800W	616mm 24.3"	235mm 9.25"	485mm 19.06"	673mm 26.5"	487mm 19.17"	153mm 6.02"	121mm 4.76"	73.5mm 2.88"
White 1200W	616mm 24.3"	235mm 9.25"	485mm 19.06"	673mm 26.5"	487mm 19.17"	153mm 6.02"	121mm 4.76"	73.5mm 2.88"
White 800W + RGB 200W	616mm 24.3"	235mm 9.25"	485mm 19.06"	673mm 26.5"	487mm 19.17"	153mm 6.02"	121mm 4.76"	73.5mm 2.88"
White 1200W + RGB 300W	616mm 24.3"	235mm 9.25"	485mm 19.06"	673mm 26.5"	487mm 19.17"	153mm 6.02"	121mm 4.76"	73.5mm 2.88"

Gear Box for White 1-10V Version

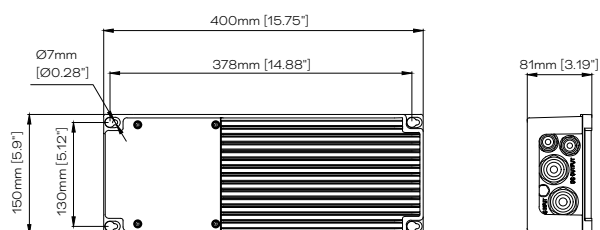


Gear Box for White + RGB Version

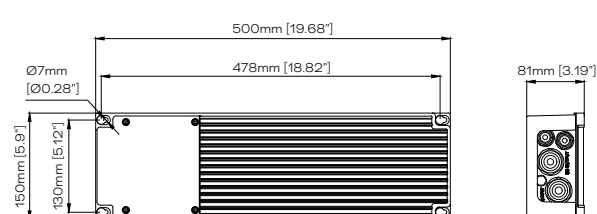


Gear Box for White DMX Version

800W



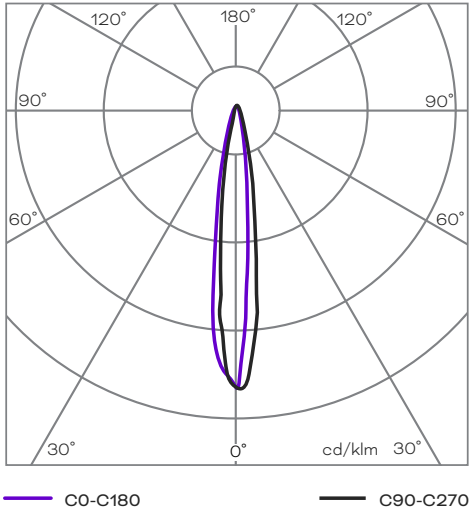
1200W



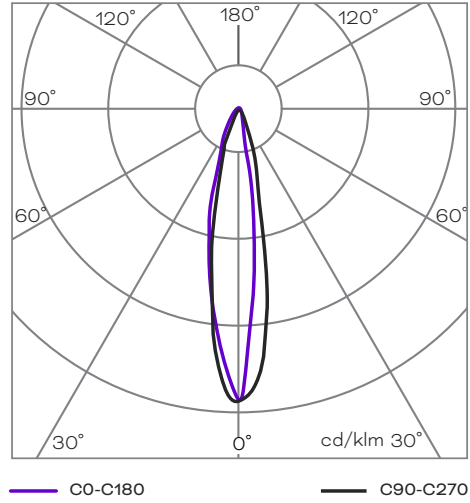


Light Distribution Curve

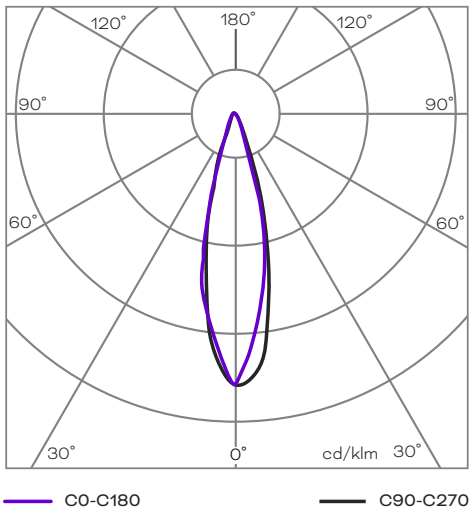
White: NB (15°)



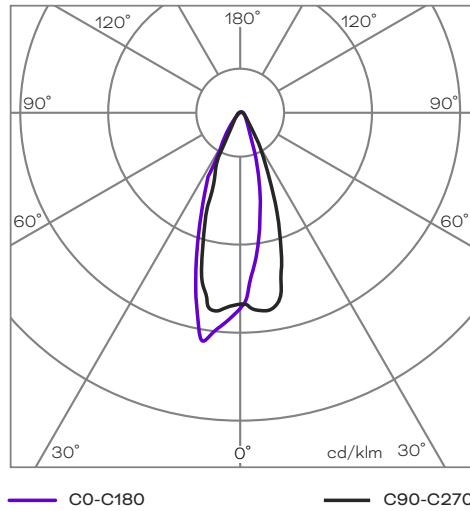
White: NMB (20°)



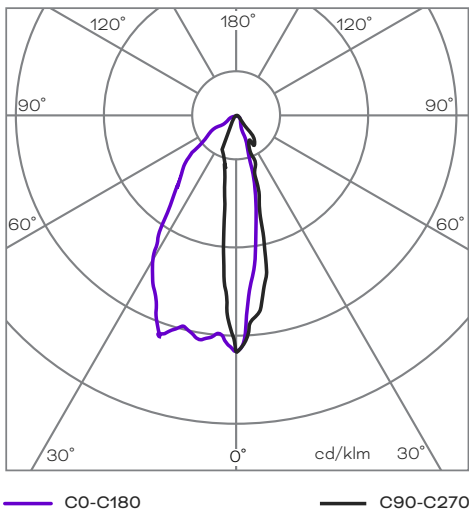
White: MB (30°)



White: WB (40°)

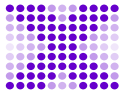


RGB: WB (40°)

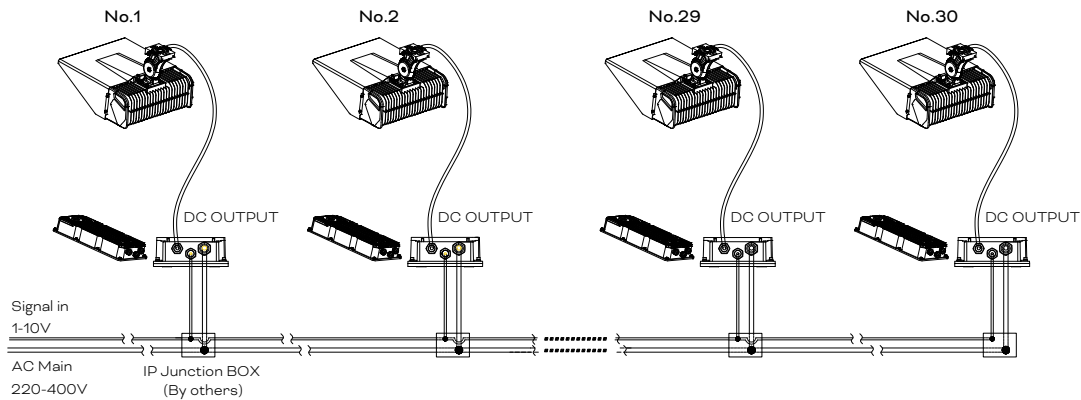


Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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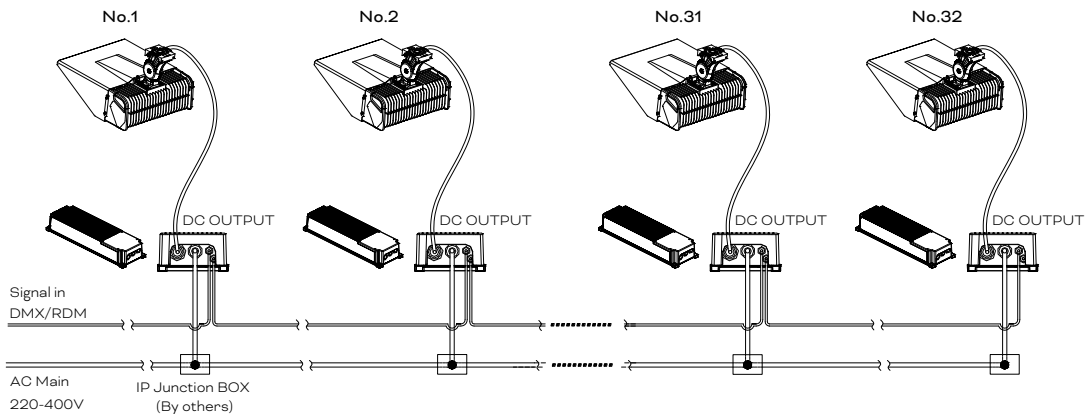


White 1-10V Version



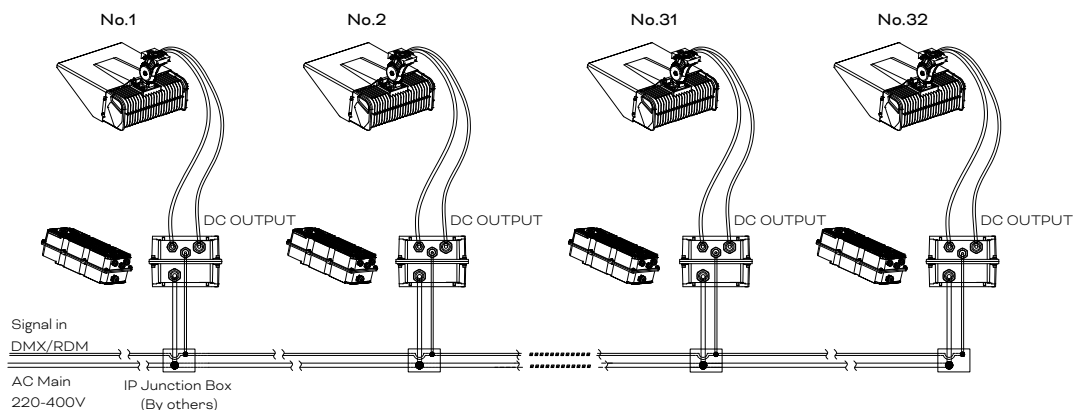
1. Up to 30 luminaires can be connected in parallel within a single loop.
2. A signal amplifier is recommended if the distance between the controller and the first luminaire exceeds 50 meters.
3. A signal amplifier is also recommended if the distance between adjacent luminaires exceeds 50 meters.
4. Use shielded twisted-pair cables for signal transmission.
5. Ensure the correct polarity is observed for data connections.
6. If required, cables, signal amplifiers, IP connection boxes must be sourced locally.

White DMX / RDM version



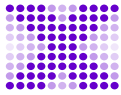
1. Up to 32 luminaires can be connected in series or parallel within a single loop.
2. A signal amplifier is recommended if the distance between the controller and the first luminaire exceeds 80 meters.
3. A signal amplifier is also recommended if the distance between adjacent luminaires exceeds 80 meters.
4. Use shielded twisted-pair cables for signal transmission.
5. Require RDM function for addressing the luminaires.
6. If required, cables, signal amplifiers, IP connection boxes must be sourced locally.
7. A 120-ohm resistor is required on the last luminaire of each signal loop.

White + RGB DMX / RDM Version



1. Up to 32 luminaires can be connected in parallel within a single loop.
2. A signal amplifier is recommended if the distance between the controller and the first luminaire exceeds 80 meters.
3. A signal amplifier is also recommended if the distance between adjacent luminaires exceeds 80 meters.
4. Use shielded twisted-pair cables for signal transmission.
5. Require RDM function for addressing the luminaires.
6. If required, cables, signal amplifiers, IP connection boxes must be sourced locally.
7. A 120-ohm resistor is required on the last luminaire of each signal loop.

Specifications are subject to change without notice. Errors and omissions excepted, always make sure to use the most recent



Ordering Notes

1. A complete system includes a fixture and a visor. The fixture includes the light engine and gearbox. Please ensure to order the same number of visors as fixtures.
2. The standard cable length between the light engine and the gearbox is 2 meters.
If the distance exceeds 2 meters, an extension cable is required, determined based on project site requirements, with a maximum length of 200 meters.
3. Extension cables and junction boxes should be provided by others according to site conditions.

Accessories

Short Text	Power	CCT	Beam Angle	Control	Item Code
PURSOS SHP FINESSE VISOR	NA	NA	NA	NA	TXGA25100033355
PURSOS SHP FINESSE SIGHTING DEVICE	NA	NA	NA	NA	TXGO25100033455

Fixture: White 1-10V Version

Short Text	Power	CCT	Beam Angle	Control	Item Code
PURSOS SHP FINESSE 800W 857 NB DIM SP	800W	5700	NB (15°)	1-10V DIM	TXGL25100031755
PURSOS SHP FINESSE 800W 857 NMB DIM SP	800W	5700	NMB (20°)	1-10V DIM	TXGL25100031855
PURSOS SHP FINESSE 800W 857 MB DIM SP	800W	5700	MB (30°)	1-10V DIM	TXGL25100031955
PURSOS SHP FINESSE 800W 857 WB DIM SP	800W	5700	WB (40°)	1-10V DIM	TXGL25100032055
PURSOS SHP FINESSE 800W 957 NB DIM SP	800W	5700	NB (15°)	1-10V DIM	TXGL25100032155
PURSOS SHP FINESSE 800W 957 NMB DIM SP	800W	5700	NMB (20°)	1-10V DIM	TXGL25100032255
PURSOS SHP FINESSE 800W 957 MB DIM SP	800W	5700	MB (30°)	1-10V DIM	TXGL25100032355
PURSOS SHP FINESSE 800W 957 WB DIM SP	800W	5700	WB (40°)	1-10V DIM	TXGL25100032455
PURSOS SHP FINESSE 1200W 857 NB DIM SP	1200W	5700	NB (15°)	1-10V DIM	TXGL25100032555
PURSOS SHP FINESSE 1200W 857 NMB DIM SP	1200W	5700	NMB (20°)	1-10V DIM	TXGL25100032655
PURSOS SHP FINESSE 1200W 857 MB DIM SP	1200W	5700	MB (30°)	1-10V DIM	TXGL25100032755
PURSOS SHP FINESSE 1200W 857 WB DIM SP	1200W	5700	WB (40°)	1-10V DIM	TXGL25100032855
PURSOS SHP FINESSE 1200W 957 NB DIM SP	1200W	5700	NB (15°)	1-10V DIM	TXGL25100032955
PURSOS SHP FINESSE 1200W 957 NMB DIM SP	1200W	5700	NMB (20°)	1-10V DIM	TXGL25100033055
PURSOS SHP FINESSE 1200W 957 MB DIM SP	1200W	5700	MB (30°)	1-10V DIM	TXGL25100033155
PURSOS SHP FINESSE 1200W 957 WB DIM SP	1200W	5700	WB (40°)	1-10V DIM	TXGL25100033255

Fixture: White DMX-RDM Version

Short Text	Power	CCT	Beam Angle	Control	Item Code
PURSOS SHP FINESSE 800W 857 NB DMX SP	800W	5700	NB (15°)	DMX-RDM	TXGL25100000155
PURSOS SHP FINESSE 800W 857 NMB DMX SP	800W	5700	NMB (20°)	DMX-RDM	TXGL25100000255
PURSOS SHP FINESSE 800W 857 MB DMX SP	800W	5700	MB (30°)	DMX-RDM	TXGL25100000355
PURSOS SHP FINESSE 800W 857 WB DMX SP	800W	5700	WB (40°)	DMX-RDM	TXGL25100000455
PURSOS SHP FINESSE 800W 957 NB DMX SP	800W	5700	NB (15°)	DMX-RDM	TXGL25100000555
PURSOS SHP FINESSE 800W 957 NMB DMX SP	800W	5700	NMB (20°)	DMX-RDM	TXGL25100000655
PURSOS SHP FINESSE 800W 957 MB DMX SP	800W	5700	MB (30°)	DMX-RDM	TXGL25100000755
PURSOS SHP FINESSE 800W 957 WB DMX SP	800W	5700	WB (40°)	DMX-RDM	TXGL25100000855
PURSOS SHP FINESSE 1200W 857 NB DMX SP	1200W	5700	NB (15°)	DMX-RDM	TXGL25100000955
PURSOS SHP FINESSE 1200W 857 NMB DMX SP	1200W	5700	NMB (20°)	DMX-RDM	TXGL25100001055
PURSOS SHP FINESSE 1200W 857 MB DMX SP	1200W	5700	MB (30°)	DMX-RDM	TXGL25100001155
PURSOS SHP FINESSE 1200W 857 WB DMX SP	1200W	5700	WB (40°)	DMX-RDM	TXGL25100001255
PURSOS SHP FINESSE 1200W 957 NB DMX SP	1200W	5700	NB (15°)	DMX-RDM	TXGL25100001355
PURSOS SHP FINESSE 1200W 957 NMB DMX SP	1200W	5700	NMB (20°)	DMX-RDM	TXGL25100001455
PURSOS SHP FINESSE 1200W 957 MB DMX SP	1200W	5700	MB (30°)	DMX-RDM	TXGL25100001555
PURSOS SHP FINESSE 1200W 957 WB DMX SP	1200W	5700	WB (40°)	DMX-RDM	TXGL25100001655

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Fixture: White+RGB DMX-RDM Version

Short Text	Power	CCT	Beam Angle	Control	Item Code
PURSOS SHP FINESSE 800W 857 NB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White NB (15°) RGB WB (40°)	DMX-RDM	TXGL25100003355
PURSOS SHP FINESSE 800W 857 NMB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White NMB (20°) RGB WB (40°)	DMX-RDM	TXGL25100003455
PURSOS SHP FINESSE 800W 857 MB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White MB (30°) RGB WB (40°)	DMX-RDM	TXGL25100003555
PURSOS SHP FINESSE 800W 857 WB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White WB (40°) RGB WB (40°)	DMX-RDM	TXGL25100003655
PURSOS SHP FINESSE 800W 957 NB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White NB (15°) RGB WB (40°)	DMX-RDM	TXGL25100003755
PURSOS SHP FINESSE 800W 957 NMB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White NMB (20°) RGB WB (40°)	DMX-RDM	TXGL25100003855
PURSOS SHP FINESSE 800W 957 MB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White MB (30°) RGB WB (40°)	DMX-RDM	TXGL25100003955
PURSOS SHP FINESSE 800W 957 WB 200W RGB WB DMX SP	White 800W RGB 200W	5700 RGB	White WB (40°) RGB WB (40°)	DMX-RDM	TXGL25100004055
PURSOS SHP FINESSE 1200W 857 NB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White NB (15°) RGB WB (40°)	DMX-RDM	TXGL25100004155
PURSOS SHP FINESSE 1200W 857 NMB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White NMB (20°) RGB WB (40°)	DMX-RDM	TXGL25100004255
PURSOS SHP FINESSE 1200W 857 MB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White MB (30°) RGB WB (40°)	DMX-RDM	TXGL25100004355
PURSOS SHP FINESSE 1200W 857 WB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White WB (40°) RGB WB (40°)	DMX-RDM	TXGL25100004455
PURSOS SHP FINESSE 1200W 957 NB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White NB (15°) RGB WB (40°)	DMX-RDM	TXGL25100004555
PURSOS SHP FINESSE 1200W 957 NMB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White NMB (20°) RGB WB (40°)	DMX-RDM	TXGL25100004655
PURSOS SHP FINESSE 1200W 957 MB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White MB (30°) RGB WB (40°)	DMX-RDM	TXGL25100004755
PURSOS SHP FINESSE 1200W 957 WB 300W RGB WB DMX SP	White 1200W RGB 300W	5700 RGB	White WB (40°) RGB WB (40°)	DMX-RDM	TXGL25100004855

