

TITANO RANGE

SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS



TECHNICAL CHARACTERISTICS

COMPLIANCE WITH STANDARDS

EN 60598-1 - EN 60598-2-5

MATERIALS AND FINISHINGS

Casing:	die-cast aluminium
Corrosion-proof treatment:	"ALODINE 1200" chromate treatment
Painting:	polyester graphite grey
Dish:	aluminium 99.85 polished and anodized
Shield:	tempered glass impact resistance: 10 J
Seal:	silicone
External screws and bolts:	stainless steel

WIRING

Supply unit:	internal, on a galvanized steel plate, equipped with capacitor with explosion-proof safety device
Lampholder:	ceramic
Three-pole power supply terminal (Class I); Two-pole (Ⓜ):	polyamide for cables of cross section 2.5 mm ²
Cables:	flexible, silicone insulated with glass fibre braid
Cosφ:	≥ 0.9

ACCESSORIES SUPPLIED

Bracket:	galvanized and painted steel
Cable gland:	Pg 13.5 for cables Ø 6.5÷11.5 mm
Packaging:	corrugated cardboard

BEHAVIOUR WITH CHEMICAL AND CORROSIVE AGENTS*

Water	Sea air	Acids	Bases	Ketones	Spirits	Silicone oil	Oils/Greases	Petrol
Resistant	Limited resistance	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant

*Values referring to aluminium coated with polyester paint. For behaviour with other chemical agents, see the section "General technical information".

ATEX CLASSIFICATION FOR ARTICLES ON REQUEST

CE ϵ x II 3GD T2 IP66

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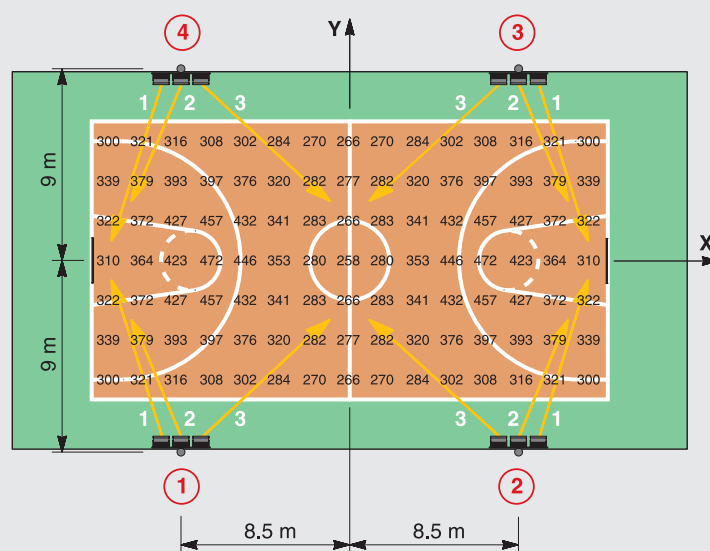
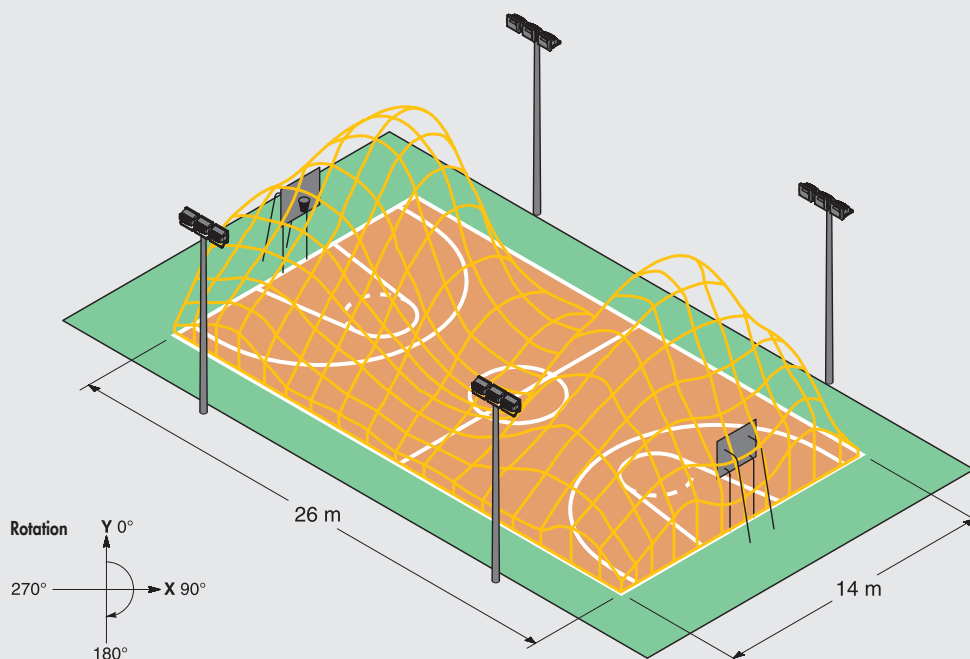


TECHNICAL CHARACTERISTICS

DESIGN SOLUTIONS

Requirement:

Lighting basketball court 26x14 m in accordance with CEI recommendations for activities at a national level (professionals).



AIMINGS
reference pole ①

Floodlight No.	Elevation α	Rotation β
1	44°	336°
2	36°	337°
3	47°	51°

Unit Code	Type of optics	Type of lamp	Total Power kW	Pole height (m a.g.)	no. poles	N° floodlights per pole	Total no. floodlights	Average lighting E m (lux)	Uniformity E min/E med E min/E max
GW 84 464M	DIFFUSED SYMMETRICAL	MT400W	5,4	9	4	3	12	343	0.75 0.55

TITANO RANGE

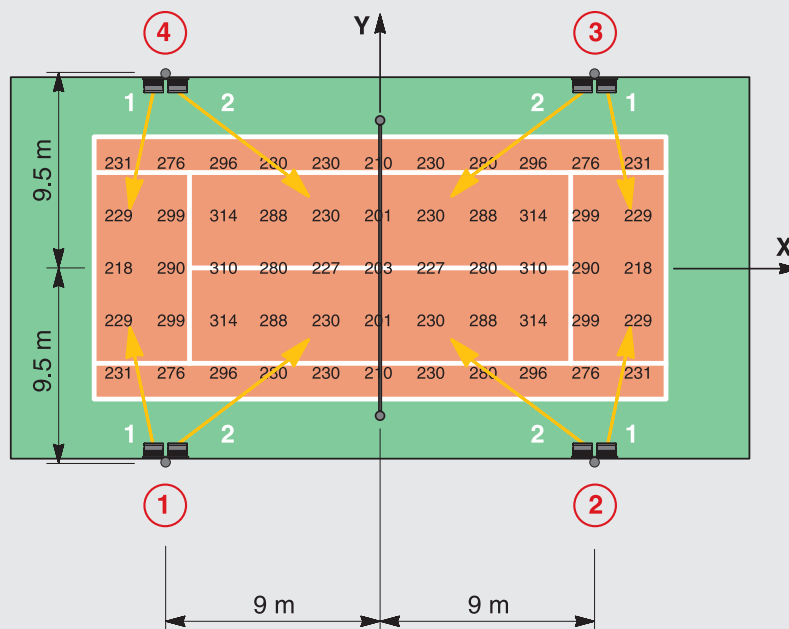
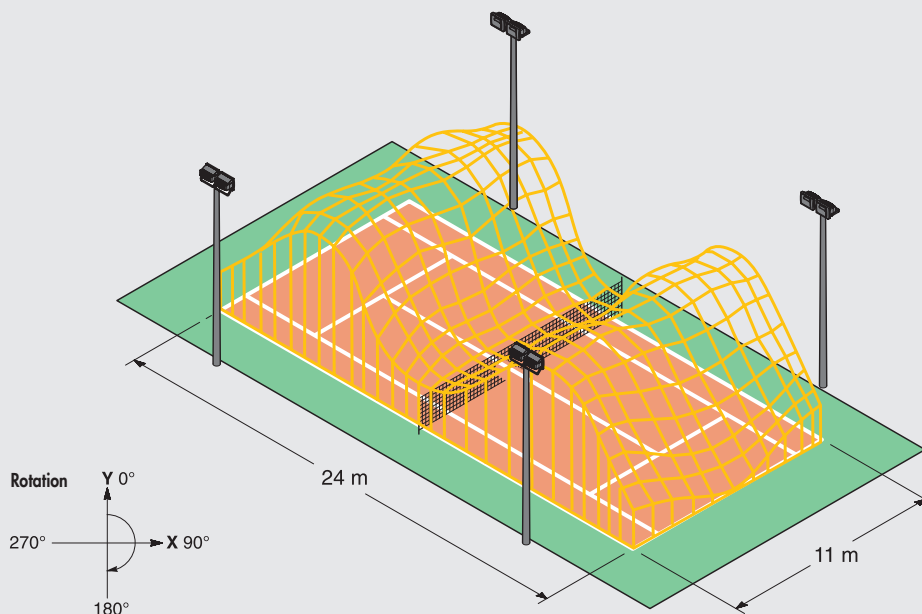
SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS



TECHNICAL CHARACTERISTICS

Requirement:

Lighting tennis court, 24x11 m, in accordance with CEI recommendations for training and recreational activities.



AIMINGS
reference pole ①

Floodlight No.	Elevation α	Rotation β
1	38°	348°
2	45°	43°

Unit Code	Type of optics	Type of lamp	Total Power kW	Pole height (m a.g.)	no. poles	N° floodlights per pole	Total no. floodlights	Average lighting E m (lux)	Uniformity E min/E med E min/E max
GW 84 464M	DIFFUSED SYMMETRICAL	MT400W	3,6	9	4	2	8	261	0.77 0.64

TITANO RANGE

SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

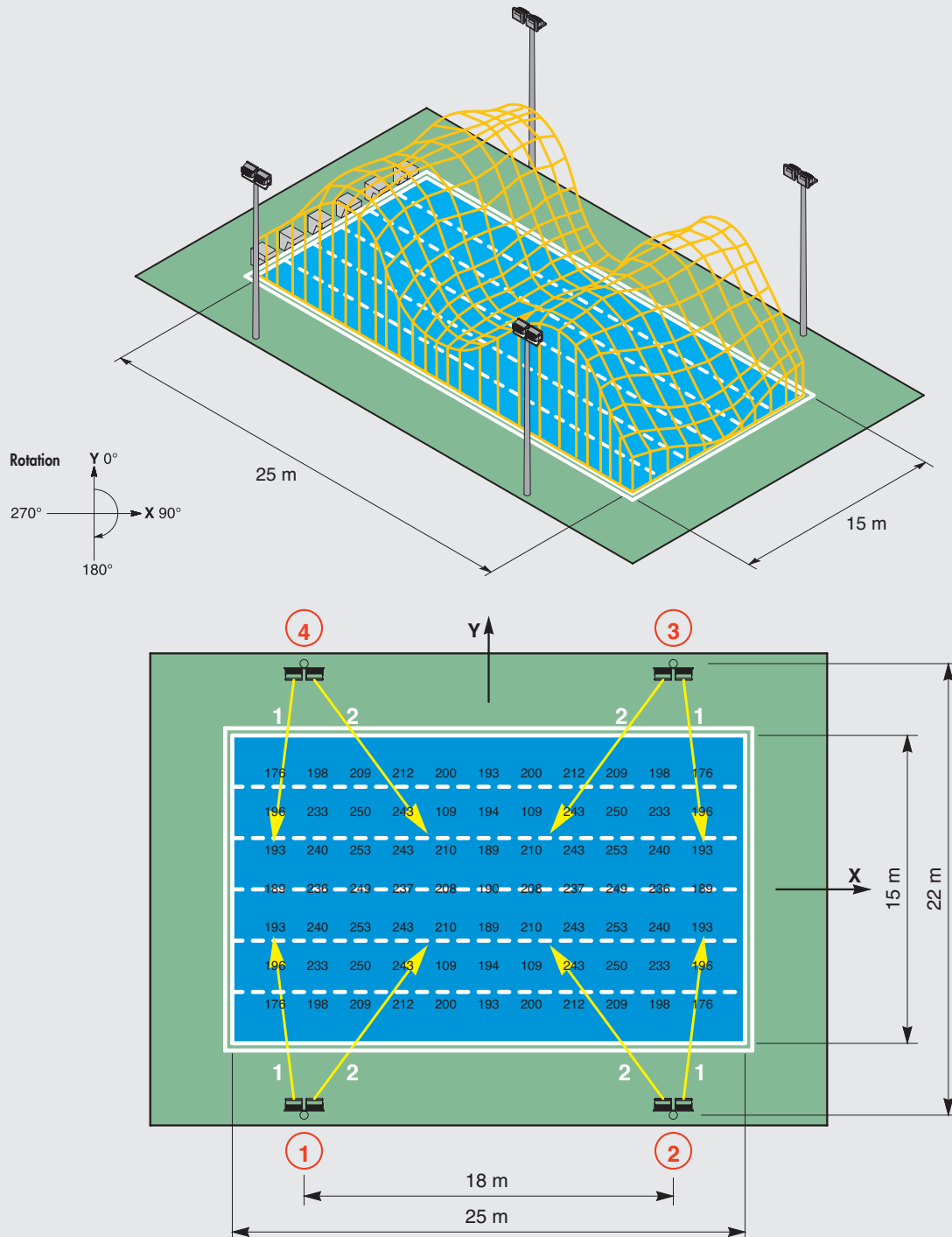


TECHNICAL CHARACTERISTICS

DESIGN SOLUTIONS

Requirement:

Swimming pool lighting, 25x15 m, in accordance with recommendations for national swimming requirements (professionals).



AIMINGS
reference pole ①

Floodlight No.	Elevation α	Rotation β
1	44°	336°
2	36°	337°

Unit Code	Type of optics	Type of lamp	Total Power kW	Pole height (m a.g.)	no. poles	N° floodlights per pole	Total no. floodlights	Average lighting E m (lux)	Uniformity E min/E med E min/E max
GW 84 466M	DIFFUSED SYMMETRICAL	MT400W	3,6	10	4	2	8	216	0.70

TITANO RANGE

SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

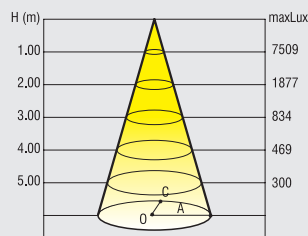
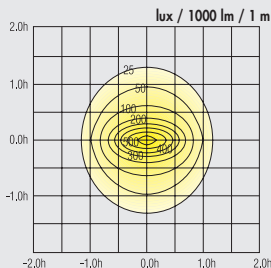
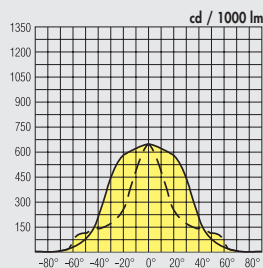


TECHNICAL CHARACTERISTICS

PHOTOMETRIC CURVES

250W ST - DIFFUSED SYMMETRICAL OPTICS

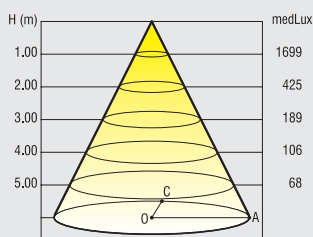
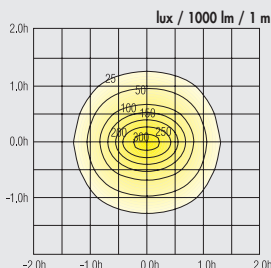
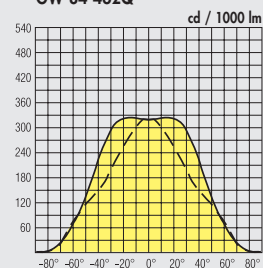
GW 84 461S



H [m]	1.00	2.00	3.00	4.00	5.00
OA	0.29	0.58	0.88	1.17	1.46
OC	0.74	1.48	2.22	2.96	3.70

250W QE - DIFFUSED SYMMETRICAL OPTICS

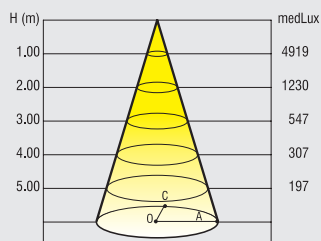
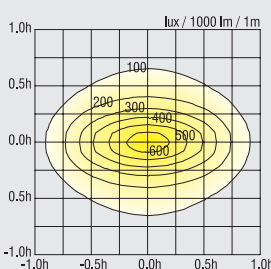
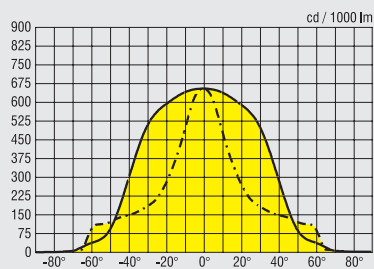
GW 84 462Q



H [m]	1.00	2.00	3.00	4.00	5.00
OA	0.77	1.53	2.30	3.07	3.83
OC	1.08	2.15	3.23	4.30	5.38

150W ST - DIFFUSED SYMMETRICAL OPTICS

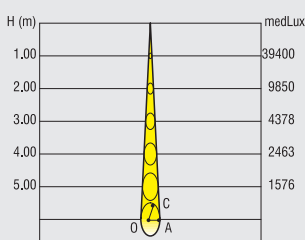
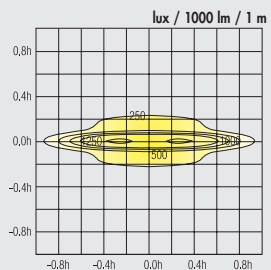
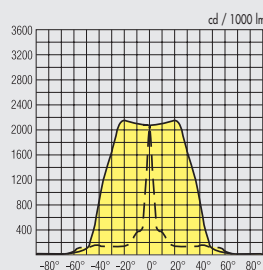
GW 84 460S



H [m]	1.00	2.00	3.00	4.00	5.00
OA	0.31	0.61	0.92	1.22	1.53
OC	0.80	1.60	2.40	3.20	4.00

250W ST - RESTRICTED BEAM SYMMETRICAL OPTICS

GW 84 520S



H [m]	1.00	2.00	3.00	4.00	5.00
OA	0.50	0.09	0.14	0.19	0.24
OC	0.84	1.68	2.52	3.37	4.21

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SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

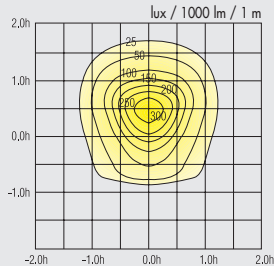
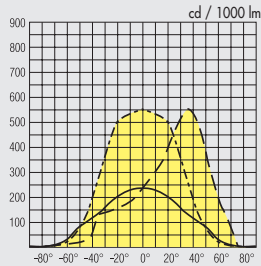


TECHNICAL CHARACTERISTICS

PHOTOMETRIC CURVES

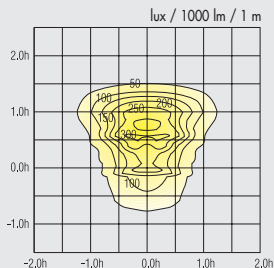
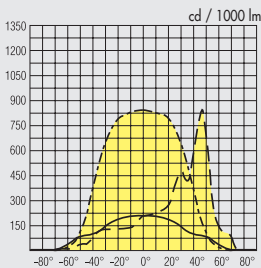
250/400W MT/ST - DIFFUSED ASYMMETRICAL OPTICS

GW 84 491S - GW 84 491M
GW 84 494S - GW 84 494M



250/400W MT/ST - RESTRICTED BEAM ASYMMETRICAL OPTICS

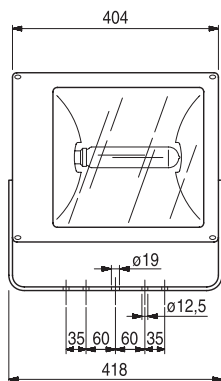
GW 84 551S - GW 84 551M
GW 84 553S - GW 84 553M



DIMENSION TABLES

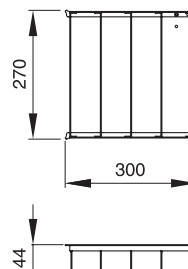
TITANO

Surface area exposed to the wind: 0.15 m²



COMPLEMENTARY ITEMS

ANTI-GLARE LOUVRE



PROTECTIVE WIRE GUARD

