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NORTHLED SCIENTIFIC

Performance > Protection > Power



LED LIGALIGHT

WORLD CLASS SUSTAINABLE AREA LIGHTS

Protecting Nature and Wildlife in Sublime Light Performance to Sports Arenas



2018 Ligalight Portfolio



NORTHLED SCIENTIFIC

Performance > Protection > Power

Stadion Belysning Bredde og Træningsanlæg (<750lx)

NORTHLED LIGALIGHT 3500 (A) (A-Series are fully customizable in size, capacity and structure)



Certificerede Armatur Komponenter

Komponent	Producent	Type	Grundspecifikation	Mere information
Ramme	SMPT, Kina	Alu-skål / Stål-ramme	Anti-korrosionsbehandlet, pulverlakeret	www.mecree.com
Ydersidebehandling	NorthLED, Danmark	NC Nano-coating	Nanokemisk overflade forsegling	www.northled.dk
Armatur kabling	SMPT, Kina	integreerede kredsløb	IP67 marineforseglede ledningsnet	www.mecree.com
Armatur køling	Sony Electronics, Japan	4K 4D køleserie	4D unica keramiklegeret køleflade	4k.com
Lysdioder	Cree Lighting, USA	X-Lamp serie	110-150Lm/W G•SiC dioder	www.cree.com
LED Drivere	Meanwell, Taiwan	HLG Serie	IP67, 90 305VAC, -40°C til +90°C, 62000 t	www.meanwell.com
Transienssikring	Meanwell, Taiwan	SPD serie	IP67, 20kV, 240VAC 50/60Hz, -40°C +70°C	www.meanwell.com
Optik	NorthLED, Danmark	A3 & A7 Prisme serie	Patenteret prismemodul A3 eller A7	www.northled.dk

Low-Mast Armaturer

Fixture	Type	Effect (W)	Opticals	CCT	CRI	Dimensions	Weight (Dry)	Top Mounting Angle	Ideal Mount	Drivers	Diodes
Ligalight 300-A3	Stadion/Arena	298W	A3	4500-6500K	83-89 _a	520x456x312 mm	15kg	A3:24°-27°	6-8m	2xHLG 150	36
Ligalight 500-A3	Stadion/Arena	498W	A3	4500-6500K	83-89 _a	738x457x312 mm	21kg	A3:24°-27°	8-10m	2x HLG 240	60
Ligalight 1000-A3	Stadion/Arena	997W	A3	4500-6500K	83-89 _a	872x669x312 mm	37kg	A3:24°-27°	12-14m	4x HLG 240	120
Ligalight 1500-A3	Stadion/Arena	1498W	A3, A7	4500-6500K	83-89 _a	1073x777x312 mm	55kg	A3:24°-27°, A7: 42°-46°	16m	6x HLG 240	180
Ligalight 2000-A3+A7	Stadion/Arena	1999W	A3, A7	4500-6500K	83-89 _a	1408x777x312 mm	67kg	A3:24°-27°, A7: 42°-46°	16-18m	8xHLG 320	240
Ligalight 2500-A3+A7	Stadion/Arena	2498W	A3, A7	4500-6500K	83-89 _a	1410x935x256 mm	69kg	A3:24°-27°, A7: 42°-46°	16-18m	8xHLG 320	300
Ligalight 2750-A3+A7	Stadion/Arena	2748W	A3, A7	4500-6500K	83-89 _a	1410x935x256 mm	85kg	A3:24°-27°, A7: 42°-46°	16-18m	4xHLG 600	300
Ligalight 3000-A+A7	Stadion/Arena	2997W	A3,A7	4500-6500K	83-89 _a	1665x882x256 mm	85kg	A3:24°-27°, A7: 42°-46°	16-18m	4xHLG 600	350
Ligalight 3500-A7	Stadion/Arena	3498W	A7	4500-6500K	83-89 _a	1665x882x256 mm	99kg	A7: 42°-46°	16-18m	5x HLG 600	350
Ligalight 3750-A7	Stadion/Arena	3748W	A7	4500-6500K	83-89 _a	1665x882x256 mm	110kg	A7: 42°-46°	16-18m	6x HLG 600	350
Ligalight 4000-A	Stadion/Arena	3999W	A7	5500-6500K	83-89 _a	1975x1094x256 mm	126kg	A7: 42°-46°	16-18m	7x HLG 600	540
Ligalight 4500-A	Stadion/Arena	4497W	A7	5500-6500K	83-89 _a	1975*1200*256 mm	142kg	A7: 42°-46°	16-18m	8xHLG 600	600
Ligalight 5000-A	Stadion/Arena	4997W	A7	5500-6500K	83-89 _a	2162*1200*256 mm	172kg	A7: 42°-46°	18-22m	9xHLG 600	660
Ligalight 7000-A	Stadion/Arena	6999W	A7	5500-6500K	83-89 _a	2348*1200*256 mm	199kg	A7: 42°-46°	18-22m	10xHLG 600	720

Tilbehør

Fugle-pigge



2018-2019 LigoLight Portfolio

Stadion Belysning Kamp og Eliteanlæg (<1800lx)



NORTHLED SCIENTIFIC
Performance > Protection > Power

NORTHLED LIGALIGHT HM1000 (HM1) NB HM Series are preproduction prototypes, Delivery to Market in Nov 2018.



Certificerede Armatur Komponenter

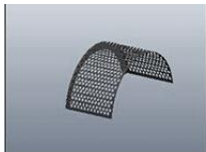
Component	Producer	Type	Specification	More information
Framestructure	SMPT, Kina	Alu and Titanium String	Anti Corrosion coated	northled.biz
Extro Coating	NorthLED, Danmark	NC Nano-coating	Nano Chemical Coating	northled.biz
Fixture Cabling	SMPT, Kina	Integrated Circuits	IP67 Marine Sealed Cabling	northled.biz
Fixture Cooling	Citizen, Japan	Ceramic Piping	74 COB based ceramic fins	ce.citizen.co.jp
Light Emitting Diodes	Citizen, Japan	Version 6, 200w	110-150lm/W COB diodes	ce.citizen.co.jp
LED Drivers	Meanwell, Taiwan	HLG Series	IP67, 90 305VAC, -40°C til +90°C, 62000 t	meanwell.com
Surgeprotection	Meanwell, Taiwan	SPD series	IP67, 20kV, 240VAC 50/60Hz, -40°C +70°C	meanwell.com
Optics	NorthLED, Danmark	HM1 15D	Patented lighttunnel optical black	northled.biz

High-Mast Armaturer

Fixture	Type	Effect (W)	Opticals	CCT	CRI	Dimensions	Weight (Dry)	Top Mounting Angle	Ideal Mount	Drivers	Diodes
LigoLight HM-1 500	Forum HighMast	498W	HM1	3500-6500K	67-83Ra	Ø440x640	19kg	min 60 to max 60 degrees	25-30m	3xHLG 240	6
LigoLight HM-1 800	Forum HighMast	798W	HM1	3500-6500K	67-83Ra	Ø440x640	26kg	min 60 to max 60 degrees	25-30m	4x HLG 240	6
LigoLight HM-1 1000	Forum HighMast	958W	HM1	3500-6500K	67-83Ra	Ø540x649	33kg	min 60 to max 60 degrees	35m	3x HLG 320	6
LigoLight HM-1 1200	Forum HighMast	1198W	HM1	3500-6500K	67-83Ra	Ø540x649	38kg	min 60 to max 60 degrees	35m	2x HLG 600	12
LigoLight HM-1 2000	Forum HighMast	2398W	HM1	3500-6500K	67-83Ra	Ø918x720	49kg	min 60 to max 60 degrees	35-45m	4x HLG 600	12

Tilbehør

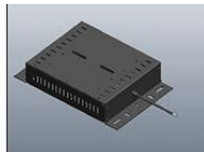
Fugle-gitter



Blændeskærm



Partielle drivers



Laser og mekanisk finjusterings-sæt

