Mundial (2000W MH)

A high specification, high performance discharge floodlight ideal for sports field and stadium lighting, both indoor and outdoor (ETL listed and certified for UL 1598 and CSA C22.2 No. 250.0 standards) Computer optimized optical systems - choice of asymmetric distribution for side lighting (Mundial C), or circular reflector giving a symmetric distribution for long-throw applications (Mundial R)



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- MUNC available in standard and "extensive" extra wide distribution. MUNR available in intensive, and also optional 2 x 8° and 2 x 10° distribution
- Low glare, low spill light, internal baffle prevents up light
- Easy installation and maintenance with rear access and automatic power interruption
- IP65 dust tight and waterproof
- Hot restrike versions available
- 3 variable lampholder positions enable choice of distribution

Mundial C MUN 2000 DEPMD (96009880)

Materials/Finish

Body and frame: copper free die-cast aluminum Front glass: thermal resistant 0.15" clear glass Yoke: unpainted galvanized steel Hood and louvre: black aluminum

Installation/Mounting

Yoke fixed by single M20 bolt through 0.86" Ø central hole, or twin bolts through 0.59" Ø holes. Ignitor mounted on floodlight. Ballast to be mounted remotely. Hood accessory fixes via 4 stainless steel screws.

Optical Systems

Mundial C versions: cylindrical parabolic reflector with baffle and three lamp positions for range of lamps. Mundial R versions: spun circular reflector, with baffle, and three-position lampholder for variable distribution.

Specification

To specify state: Standard/Hot restrike 2/kW linear metal halide lamps, in die-cast aluminum with asymmetric/ symmetric optical system including baffle with three lamp positions (narrow, medium and wide photometric distribution). Rear access to the lamp with automatic power interruption. IP65. As Thorn Mundial.



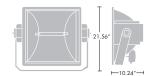
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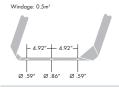
Mundial C with cylindrical parabolic reflector, asymmetric

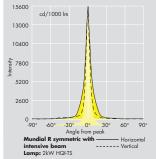


Integral ignitor



25.96





Beam	data

Peak intensity (I) cd/klm		15400
Beam factor to 10% peak (I)		0.41
Beam angle to 10% of peak (I)	Horizontal Vertical	2 x 15° 8°/9°
Beam angle to 50% of peak (I)	Horizontal Vertical	2 x 4° 3°/3°
Beam angle to 1% of peak (I)	Horizontal Vertical	2 x 31° 22°/47°



Mundial R with spun circular reflector, symmetric



Integral precision aiming device

1800

1500

1200 Atensity

900

600 300

0

Beam data Peak intensity (I) cd/klm

-60

Beam factor to 10% peak (I) Beam angle to 10% of peak (I)

Beam angle to 50% of peak (I)

Beam angle to 1% of peak (I)

Mundial C asymmetric Lamp: 2kW MHN-LA Position 2

cd/1000 lm

-30 0 30 Angle from peak

90

1800 0.67

2 x 42° 6°/53°

2 x 29° 3°/20°

2 x 55° 69°/66°

60

Horizon

Horizon Vertical

Horizon Vertical

Horizo Vertica

l peak



Mundial Hot Restrike (HR) versions



Lamp positioning

Lamp replacement



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Ordering Guide For complete package order floodlight and ballast set. Lamps to be ordered separately.

New Description		Projected Area Area (ft²)	Socket	Weight (lb)	SAP Code
Mundial C, Asymmetric floodlight					
MUNDIAL 2KW S/S WB WI MHN-LA	FOR PHILIPS LAMP	0.85	Cable connections	37.04	96009880
MUNDIAL 2KW S/S WB WI MBIL/H	FOR GE (SPL) OR VENTURE LAMP	0.85	Cable connections	36.38	96011294
MUNDIAL 2KW S/S WB WI HQI-TS	FOR OSRAM OR SYLVANIA (HSI/TD) LAMP	0.85	Cable connections	35.49	96002378
MUNDIAL 2KW S/S EXT WB WI MHN-LA	WITH EXTENSIVE DISTRIBUTION				
	FOR PHILIPS LAMP	0.85	Cable connections	37.04	96012046
MUNDIAL HR 2KW S/S WB WI HQI-TS	WITH HOT RE-STRIKE IGNITOR FOR				
	OSRAM OR SYLVANIA (HIS/TD) LAMP	0.85	Cable connections	50.7	96012168
Mundial R, Symmetric floodlight					
MUNDIAL 2KW R/S INT WB WI HQI-TS	WITH INTENSIVE BEAM, FOR OSRAM LAMP	0.85	Cable connections	35.71	96002553
MUNDIAL HR 2KW HQI-TS R/S INT WB WI	WITH INTENSIVE BEAM AND HOT RE-STRIKE				
	IGNITOR FOR OSRAM LAMP	0.85	Cable connections	50.70	96012169
MUNDIAL 2KW R/S 8D WB WI HQI-TS	WITH 8 DEGREE BEAM FOR OSRAM LAMP	0.85	Cable connections	34.39	96011346
MUNDIAL 2KW R/S 10D WB WI HQI-TS	WITH 10 DEGREE BEAM FOR OSRAM LAMP	0.85	Cable connections	34.39	96011349
All above Mundial projectors include ignitor,	except where indicated				
Attachmonts (for use with Mundial (vorcione only)				

Anachinenis (for use with Monalai c	versions only	
MUNDIAL VS	hood attachment for mundial asymmetric floodlight	96011307
MUNDIAL LV	HOOD/LOUVRE ATTACHMENT FOR MUNDIAL ASYMMETRIC FLOODLIGHT	96008489

