

Mundial (2000W MH)

THORN

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)
- 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 DEPM
(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.



Mundial C with cylindrical parabolic reflector, asymmetric



Mundial R with spun circular reflector, symmetric



Mundial Hot Restrike (HR) versions



Integral ignitor



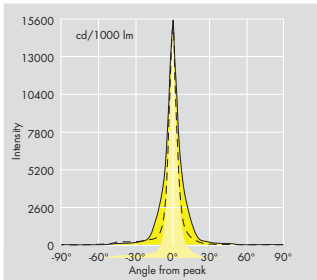
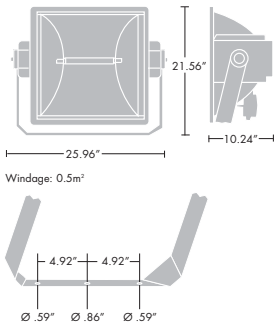
Integral precision aiming device



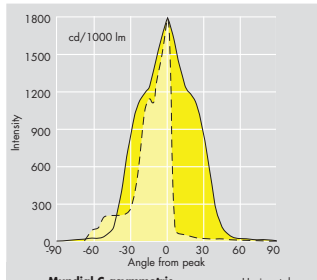
Lamp positioning



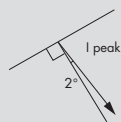
Lamp replacement



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



Beam data		
Peak intensity (I) cd/klm		1800
Beam factor to 10% peak (I)		0.67
Beam angle to 10% of peak (I)	Horizontal	2 x 42°
	Vertical	6°/53°
Beam angle to 50% of peak (I)	Horizontal	2 x 29°
	Vertical	3°/20°
Beam angle to 1% of peak (I)	Horizontal	2 x 55°
	Vertical	69°/66°



© A.M. Oberlé

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

New Description		Projected Area Area (ft ²)	Socket	Weight (lb)	SAP Code
Mundial C, Asymmetric floodlight					
MUNDIAL 2KW S/S WB WI MHN-LA	FOR PHILIPS LAMP	0.85	Cable connections	3704	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	3704	96012046
MUNDIAL HR 2KW S/S WB WI HQI-TS	WITH HOT RE-STRIKE IGNITOR FOR OSRAM OR SYLVANIA (HSI/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					
Attachments (for use with Mundial C versions only)					
MUNDIAL VS	HOOD ATTACHMENT FOR MUNDIAL ASYMMETRIC FLOODLIGHT				96011307
MUNDIAL LV	HOOD/LOUVRE ATTACHMENT FOR MUNDIAL ASYMMETRIC FLOODLIGHT				96008489