7200 SERIES

KNUCKLE AND YOKE MOUNT
400 WATT MAX.
FLOOD LIGHT

DESCRIPTION:
The 7200 Series of outdoor lighting fixtures is designed to provide contemporary styling with a variety of high performance light distributions. Styling is consistent with Hydrel’s smaller companion 7100 and 7000 series fixtures. Multiple optical systems achieve light distributions ranging from horizontal spots to vertical floods. The 7200 series is available knuckle or yoke mounted with accessories for wall, base, stanchion or pole mounting.

SPECIFICATIONS:

MATERIAL: Die cast aluminum housing and door.

LAMP: HID: ED18, ED28

SOCKET: Porcelain mogul base pulse rated 5KV.

VOLTAGE: See ordering guide.

LIGHT DISTRIBUTION: See ordering guide.

REFLECTORS: High purity anodized specular, semi-specular, or patterned lighting sheet in various configurations to provide maximum performance and uniformity. All reflectors (except spot) are interchangeable using four screws and quick-release electrical connectors.

LENS: Flat tempered glass.

MOUNTING: Knuckle or yoke mounted (180° vertical, 360° rotation) on pole, stanchion, wall, or tenons. All mounting accessories are aluminum, secured with stainless steel fasteners.

GLARE CONTROL: Internal glare control elements, external adjustable barn doors or fixed glare shields available.

BALLAST: Integrally mounted ballasts rated for low starting temperatures. Fixtures are 100% factory tested.

FINISH: See ordering guide for colors.

FASTENERS: Stainless Steel


WEIGHT: 50 lbs. (22.7kg)

EPA: 3.00

NOTE: HYDREL RESERVES THE RIGHT TO MODIFY SPECIFICATION WITHOUT NOTICE. Any dimension on this sheet is to be assumed as a reference dimension: “Used for information purposes only. It does not govern manufacturing or inspection requirements.” (ANSI Y14.5-1973)
7200 ORDERING INFORMATION

60 Hz Application
Choose the boldface catalog nomenclature that best suits your needs.

<table>
<thead>
<tr>
<th>PART NO.</th>
</tr>
</thead>
</table>

### EXAMPLE:

<table>
<thead>
<tr>
<th>7200</th>
<th>400M</th>
<th>277</th>
<th>WFL</th>
<th>KM</th>
<th>EWM24</th>
<th>BD</th>
<th>QRS</th>
<th>LPI</th>
<th>BZ</th>
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### Voltage*

- ☐ 120
- ☐ 208
- ☐ 220
- ☐ 240
- ☐ 277
- ☐ 347
- ☐ 480
- ☐ 120/277
- ☐ TB
- ☐ TBV

### Model*

- ☐ 7200

### Mounting*

- ☐ KM Knuckle Mount
- ☐ YM Yoke Mount

### Distribution*

- ☐ HFL Horizontal Flood
- ☐ VFL Vertical Flood
- ☐ WFL Wide Flood
- ☐ SP Spot
- ☐ HSP Horizontal Spot
- ☐ NHSP Narrow Horizontal Spot

### Lamp*

- ☐ MH
  - ☐ 200M ED28 mogul
  - ☐ 250M ED28 mogul
  - ☐ 320M ED28 mogul
  - ☐ 350M ED28 mogul
  - ☐ 400M ED37 mogul
- ☐ HPS
  - ☐ 250S ED18 mogul
  - ☐ 400S ED18 mogul

### Lamping*

- ☐ LPI Lamp Included
  - ☐ LPIH Horizontal Burn Lamp ±75°
  - ☐ LPIV Vertical Burn Lamp ±15°

### Accessory Options

- ☐ ISS Internal Source Shield
- ☐ CFAMB Color Filter Amber
- ☐ CFRED Color Filter Red
- ☐ CFBLU Color Filter Blue
- ☐ CFGRN Color Filter Green

### Distribution Options

- ☐ BD Barn Doors
- ☐ LC Lexan Cover
- ☐ GS Glare Shield
- ☐ EGL External Grid Louver

### Mounting Accessories

- ☐ EWM Ext. Wall Mount
- ☐ PSSA Pedestal Stanchion with Splice Access
- ☐ SMSA Stanchion Mount Splice Access
- ☐ TNM Tenon Mount
- ☐ SMT Stanchion Tee Mount
- ☐ PMT Pole Tee Mount
- ☐ PAR4 Pole Arm Round, 4" diam.
- ☐ PAR5 Pole Arm Round, 5" diam.
- ☐ PAR6 Pole Arm Round, 6" diam.
- ☐ PAS4 Pole Arm Square, 4" diam.
- ☐ PAS5 Pole Arm Square, 5" diam.
- ☐ PAS6 Pole Arm Square, 6" diam.
- ☐ PATRA Pole Arm Tee Round, 4" diam.
- ☐ PATRB Pole Arm Tee Round, 5" diam.
- ☐ PATRC Pole Arm Tee Round, 6" diam.
- ☐ PAT5 Pole Arm Tee Square, 5" diam.
- ☐ PAT6 Pole Arm Tee Square, 6" diam.

### Options

- ☐ SF Single Fuse
- ☐ DF Double Fuse
- ☐ PER Photo Eye Receptacle
- ☐ QRS Quartz Re-Strike

### Ballast

- ☐ SCWA Super CWA pulse start

### Notes:

1. Only available with pulse start, SCWA ballast.
2. SP distribution not available with 200M or 350M lamps.
3. See individual mounting specification sheets for conduit/drilling options.
4. Available in 8” increments from 18” to 36”, specify length.
5. Available in 8” increments from 18” to 48”, specify length.
6. Available with KM mounting only.
7. Includes two fixtures per mounting.
8. Available in 8” increments from 12” to 24”, specify length.
9. Not available with WFL distribution.
10. Each option is mutually exclusive, choose only one.

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7200_400W_REV4
# 7200 ORDERING INFORMATION

**50 Hz Application**
Choose the boldface catalog nomenclature that best suits your needs.

## PART NO.

### EXAMPLE:

<table>
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<th>PART NO.</th>
<th>7200_400W_REV4</th>
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<table>
<thead>
<tr>
<th>Model*</th>
<th>7200</th>
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### Voltage*   |
- 22050HZ
- 23050HZ
- 24050HZ

### Mounting*   |
- KM Knuckle
- YM Yoke Mount

### Distribution*   |
- HFL Horizontal Flood
- VFL Vertical Flood
- WFL Wide Flood
- SP Spot
- HSP Horizontal Spot
- NHSP Narrow Horizontal Spot

### Lamp*   |
- 250M E90 E40
- 400M E120 E40
- 250S Elliptical E40
- 400S Elliptical E40

### Mounting Accessories*   |
- EWM 2 Extended Wall Mount
- PSSA Pedestal Stanchion with Splice Access
- SMSA 3 Stanchion Mount Splice Access
- TNM 4 Tenon Mount
- SMT 3 Stanchion Tee Mount
- PMT 3 Pole Tee Mount
- PAR4/4 4 Pole Arm Round, 4" diam.
- PAR5/5 5 Pole Arm Round, 5" diam.
- PAR6/6 6 Pole Arm Round, 6" diam.
- PAS4/4 4 Pole Arm Square, 4" diam.
- PAS5/5 5 Pole Arm Square, 5" diam.
- PAS6/6 6 Pole Arm Square, 6" diam.
- PATR4/4.6 Pole Arm Tee Round, 4" diam.
- PATR5/5.6 Pole Arm Tee Round, 5" diam.
- PATR6/6.6 Pole Arm Tee Round, 6" diam.
- PATS4/4.6 Pole Arm Tee Square, 4" diam.
- PATS5/5.6 Pole Arm Tee Square, 5" diam.
- PATS6/6.6 Pole Arm Tee Square, 6" diam.

### Accessories   |
- Internal
  - ISS 1 Internal Source Shield
  - CFAMB Color Filter Amber
  - CFRED Color Filter Red
  - CFBLU Color Filter Blue
  - CFGRN Color Filter Green

- External
  - BD Barn Doors
  - LC Lexan Cover
  - GS Glare Shield
  - EGL 4 External Grid Louver

### Listing*   |
- IEC International Electrotechnical Commission

### Finish*   |
- BZ Bronze
- BL Black
- DDB Dark Bronze
- DNA Natural Aluminum
- GN Green
- GR Gray
- SND Sand
- STG Steel Gray
- TVG Terra Verde
- WH White
- CF Custom

### Lamp   |
- LPI Lamp Included

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**Notes:**

1. See individual mounting specification sheets for more detail.
2. Available in 6" increments from 18" to 36", specify length.
3. Available in 6" increments from 18" to 48", specify length.
4. Available with KM mounting only.
5. Includes two fixtures per mounting.
6. Available in 6" increments from 12" to 24", specify length.
7. Not available with WFL distribution.
8. Each option is mutually exclusive, choose only one.
9. EGL available in black finish only.

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7200_400W_REV4