

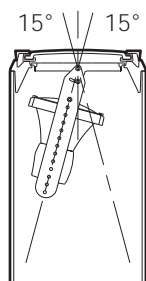
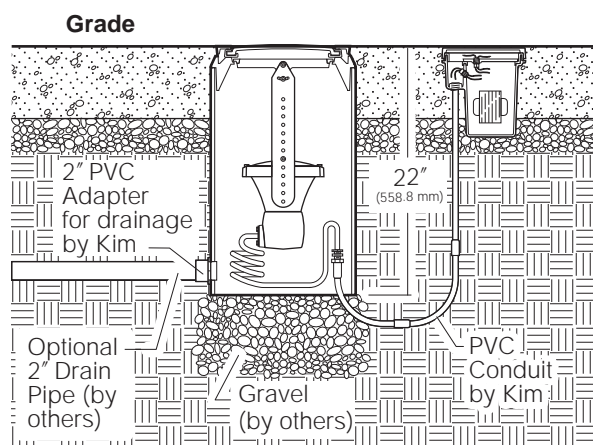
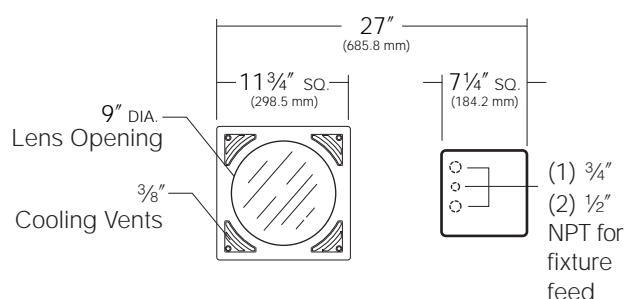
Type:
Job:
Fixture Catalog number:

Approvals:

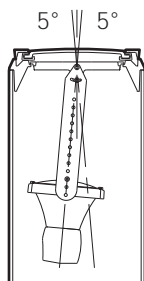
6360 / / / /
 Fixture Optics Lamp Mode Optional Primary Lens Optional Secondary
 Lens/Louver
 See Page 2 See Page 3 See Page 4

Date:
Page: 1 of 5

Specifications



High Fixture
Position



Low Fixture
Position

Lamp Housing: Die-cast brass lamp housing with porcelain medium base socket, 4KV pulse rated. Convex tempered clear glass lens.

Reflector: Spun specular Alzak® aluminum. Available in spot or narrow flood beam spreads. Easily removed for PAR lamps if desired.

Gasketing: Silicone gaskets used throughout.

Fixture Cord: 6' long #16-3 with 200°C silicone wire insulation protected by a 200°C teflon insulated jacket; water resistant cord approved for outdoor use. Prewired to fixture through silicone grommet.

Support Brackets: Cast bronze fixture support ring with stainless steel support brackets and hardware.

Well: 12 3/4" diameter (.406" wall) x 20" depth burial PVC pipe. Lens frame adapter constructed from high temperature, SMC compression molded, fiberglass impregnated, heavy wall composite. Charcoal gray.

Lens Frame: One-piece, cast bronze, natural finish. Four captive 5/16" blackened stainless steel hex-socket cap screws. 3/8" wide Integral cooling vents on each corner meet ADA requirements.

Primary Lens: Tempered clear glass lens 9" dia. x 5/16" thick, flush with lens frame, slightly crowned.

Optional Low-Temperature Secondary Lens: Constructed of borosilicate glass with a hard, first surface dichroic coating. Reflects infrared (heat) away from the exposed primary lens, but transmits visible rays through. (See page 5 - Lens Temperature Chart).

Optional Slip-Resistant Primary Lens: Tempered clear glass lens with four 1/2" wide concentric etched rings, flush with lens frame, slightly crowned.

Ballast: High power factor -20°F starting, mounted on tray, 120 volt thru 347 volt standard.

Ballast Box: High temperature, SMC compression molded featuring long-fiber fiberglass impregnated heavy wall construction. Wall separates ballast chamber from splice compartment, splice area 32 cu in.; prewired, anti-siphon plugs to and from ballast chamber. Conduit entry, two 3/4" NPT for through wiring, one 1/2" NPT for fixture supply.

Ballast Cover: Cast bronze, natural finish. Four captive, blackened stainless steel hex-socket cap screws.

Listings and Ratings

UL cUL 1598 ¹	—	25C Ambient
IP68 Rated	CE	ISO 9001:2000

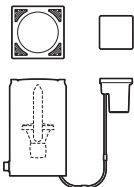
¹Suitable for wet locations

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Type:

Job:

Page: 2 of 5



Standard Features

Fixture

Cat. No. 6360

NOTE: Fixture cords up to 50' length can be provided for remote ballast locations. Consult factory.

Optics

☐ **SP** Spot


Spun aluminum reflector with specular Alzak® finish. Approx. 12° Beam.

☐ **NF** Narrow Flood


Spun aluminum reflector with specular Alzak® finish. Approx. 35° Beam.

NOTE: PAR30 or PAR38 Metal Halide and Mercury Vapor lamps may be utilized by removing internal reflector.

Lamp Mode

PMH = Pulse Start Metal Halide
MV = Metal Vapor
HPS = High Pressure Sodium

Cat. Nos. for Lamp Modes available:

Pulse Start Metal Halide

	<input type="checkbox"/> 70PMH120	<input type="checkbox"/> 100PMH120	<input type="checkbox"/> 150PMH120
	<input type="checkbox"/> 70PMH208	<input type="checkbox"/> 100PMH208	<input type="checkbox"/> 150PMH208
	<input type="checkbox"/> 70PMH240	<input type="checkbox"/> 100PMH240	<input type="checkbox"/> 150PMH240
	<input type="checkbox"/> 70PMH277	<input type="checkbox"/> 100PMH277	<input type="checkbox"/> 150PMH277
	<input type="checkbox"/> 70PMH347	<input type="checkbox"/> 100PMH347	<input type="checkbox"/> 150PMH347
Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear
Socket	Medium Base	Medium Base	Medium Base
ANSI Ballast Type	M-98	M-90	M-102

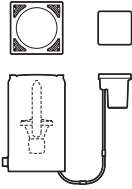
High Pressure Sodium

	<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input type="checkbox"/> 150HPS120
	<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 150HPS208
	<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 150HPS240
	<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 150HPS277
	<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	<input type="checkbox"/> 150HPS347
Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear
Socket	Medium Base	Medium Base	Medium Base
ANSI Ballast Type	S-62	S-54	S-55

Type:

Job:

Page: 3 of 5

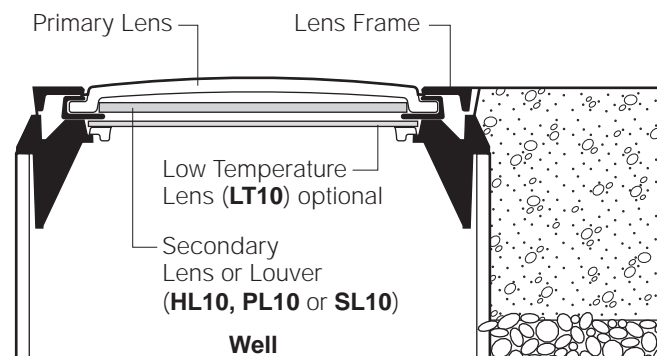


Optional Primary Lens

Slip-Resistant Lens

Cat. No. ☐ **SR10**
☐ **No Option**

Tempered clear glass lens with four 1/2" wide concentric etched rings, flush with lens frame, slightly crowned.
Available in clear only.

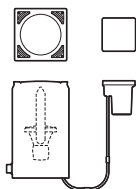


NOTE: See page 5 for Lens Temperature Guides.





Type:

Job:

Page: 4 of 5

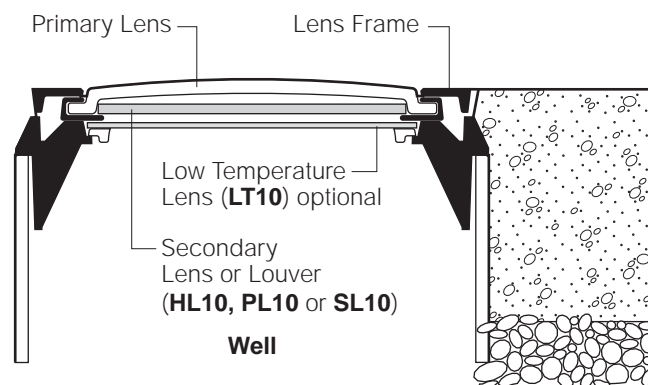


Optional Secondary Lens and Louver

Low-Temperature Lens Cat. No. <input type="checkbox"/> LT10 <input type="checkbox"/> No Option	Reflects heat through cover vents, transmits visible light rays through primary lens. Can be used with HL10 , PL10 , or SL10 . (See page 5 for lens temperatures.) 
Lens Accessories Cat. No. (See right) <input type="checkbox"/> No Option	HL10 - Hex Cell Louver: Provides additional brightness control. Constructed of hex cell aluminum louvers providing 45° cutoff, mounted in a circular frame, finished in baked high-heat flat black. Can be used in combination with colored lenses. Inserts behind lens into lens gasket. Cannot be used in combination with SL spread or PL prismatic lenses. Cat. No. <input type="checkbox"/> HL10 Hex Cell Louver 
	PL10 - Prismatic Lens: Softens and spreads fixture distribution. Best with flood lamps. Best with narrow flood (NF) optics. Inserts behind lens into lens gasket. Cannot be used in combination with HL10 hex cell louver. Cat. No. <input type="checkbox"/> PL10 Prismatic Lens 
	SL10 - Spread Lens: Creates an oval beam pattern. Best with spot (SP) lamps. Inserts behind lens into lens gasket. Cannot be used in combination with HL10 hex cell louver. Cat. No. <input type="checkbox"/> SL10 Spread Lens 

Allowable Secondary Lens / Louver Combinations

	May be used with
LT10	H10, PL10, or SL10
HL10	LT10 only
PL10	LT10 only
SL10	LT10 only



NOTE: See page 5 for Lens Temperature Guides.

Type:

Job:

Page: 5 of 5

Lens Temperature Chart

CAUTION:

Two important factors should be considered when locating below-grade luminaires in pedestrian areas where the potential exists that human skin might come in contact with the glass lenses or cover: (a) Potential frequency of contact. (b) Potential duration of contact. Numerous studies exist on "recommended maximum temperatures for touchable surfaces", and healthy adult human skin is known to burn if it reaches a temperature of 43°C (109°F). Kim Lighting has taken the position that we must set the application standards for this product based on our extensive lab tests. Therefore, we strongly suggest the following guidelines:

- 1. Always locate fixtures out of the normal pedestrian path to minimize contact.** Example: In-line with trees or columns, or very close to the building or column, where pedestrian traffic is not normal.
- 2. Extreme caution should be used for projects where children, the elderly, or the disabled may come in contact with these fixtures.** Significantly lower temperature limits must be considered for this group.
- 3. Follow the Lens Temperature Guidelines provided by Kim.** Select and specify the correct Lamp/Lens/Fixture position to achieve the appropriate lens temperature for the application.

Fixture Position Inside Well	Primary/Secondary Lens Type	70W PMH	100W PMH	150W PMH
Highest Fixture Position	Clear Primary Only	46°C	48°C	61°C
	w/Low-Temp Secondary	36°C	38°C	51°C
Lowest Fixture Position	Clear Primary Only	37°C	39°C	52°C
	w/Low-Temp Secondary	27°C	29°C	42°C
Highest Fixture Position	Amber or Rose Primary Only	47°C	49°C	62°C
	w/Low-Temp Secondary	37°C	39°C	52°C
Lowest Fixture Position	Amber or Rose Primary Only	38°C	40°C	53°C
	w/Low-Temp Secondary	28°C	30°C	43°C
Highest Fixture Position	Red or Green Primary Only	49°C	51°C	64°C
	w/Low-Temp Secondary	39°C	41°C	54°C
Lowest Fixture Position	Red or Green Primary Only	40°C	42°C	55°C
	w/Low-Temp Secondary	30°C	32°C	45°C
Highest Fixture Position	Blue Primary Only	50°C	52°C	65°C
	w/Low-Temp Secondary	40°C	42°C	55°C
Lowest Fixture Position	Blue Primary Only	41°C	43°C	56°C
	w/Low-Temp Secondary	31°C	33°C	46°C

NOTE: Use same lens temperatures for same wattage HPS or MV lamps. Eg. 100W PMH = 100W HPS = 100W MV.

Kim Lens Temperature Guidelines:

After considering the Cautions stated above, select the appropriate Lamp/Lens/Fixture Position for the application, based on the Temperature Chart above. Specifiers must consider any local codes that may apply to this type of fixture application, and owners should consider factors such as maintenance. For example, if the primary lens is allowed to accumulate dirt or any other film that restricts light transmission, heat will build and the lens temperature will rise above stated levels. In general, Kim Lighting suggests the following guidelines for Lens Temperature:

- 1. 55°C Maximum.** Use for applications that meet all conditions stated in the "CAUTION" above and meet the Lens Temperature Guidelines above.
- 2. 43°C Maximum.** Use for applications where there is any degree of uncertainty about meeting the conditions stated in the "CAUTION" above or the guidelines above.
- 3. Do Not Use.** If you have any apprehensions about using a fixture of this type in a pedestrian area, Kim Lighting recommends that you consider using one of the many above-grade products in the Kim line.