

TYPE:

CATALOG #:

# COOPER LIGHTING—LUMARK®

## DESCRIPTION

The Steeler LX utilizes a heavy-duty formed steel ballast housing and prismatic acrylic refractor and drop refractor system for excellent photometric performance. U.L. listed and labeled for damp location. CSA Certified.

## APPLICATION

The Steeler LX is perfect for applications requiring vertical and horizontal illumination on multiple surfaces, including fabrication, manufacturing, assembly areas and retail / commercial / industrial warehousing where height restrictions must be considered.

## SPECIFICATION FEATURES

- A...Mounting**  
Easy slide-on die-cast aluminum mounting box with tapped opening for 3/4" conduit.
- B...Housing**  
Heavy-duty formed steel housing with an open air ballast for cooler operation is finished with white polyester paint.

- C...Ballast**  
High power factor ballast with class H insulation. Minimum starting temperature is -40°C (-40°F) for HPS and -30°C (-20°F) for MH. CSA certified.
- D...Socket**  
Mogul-base porcelain socket.
- E...Refractor**  
Acrylic refractor system mounts directly to housing and provides full, even illumination.

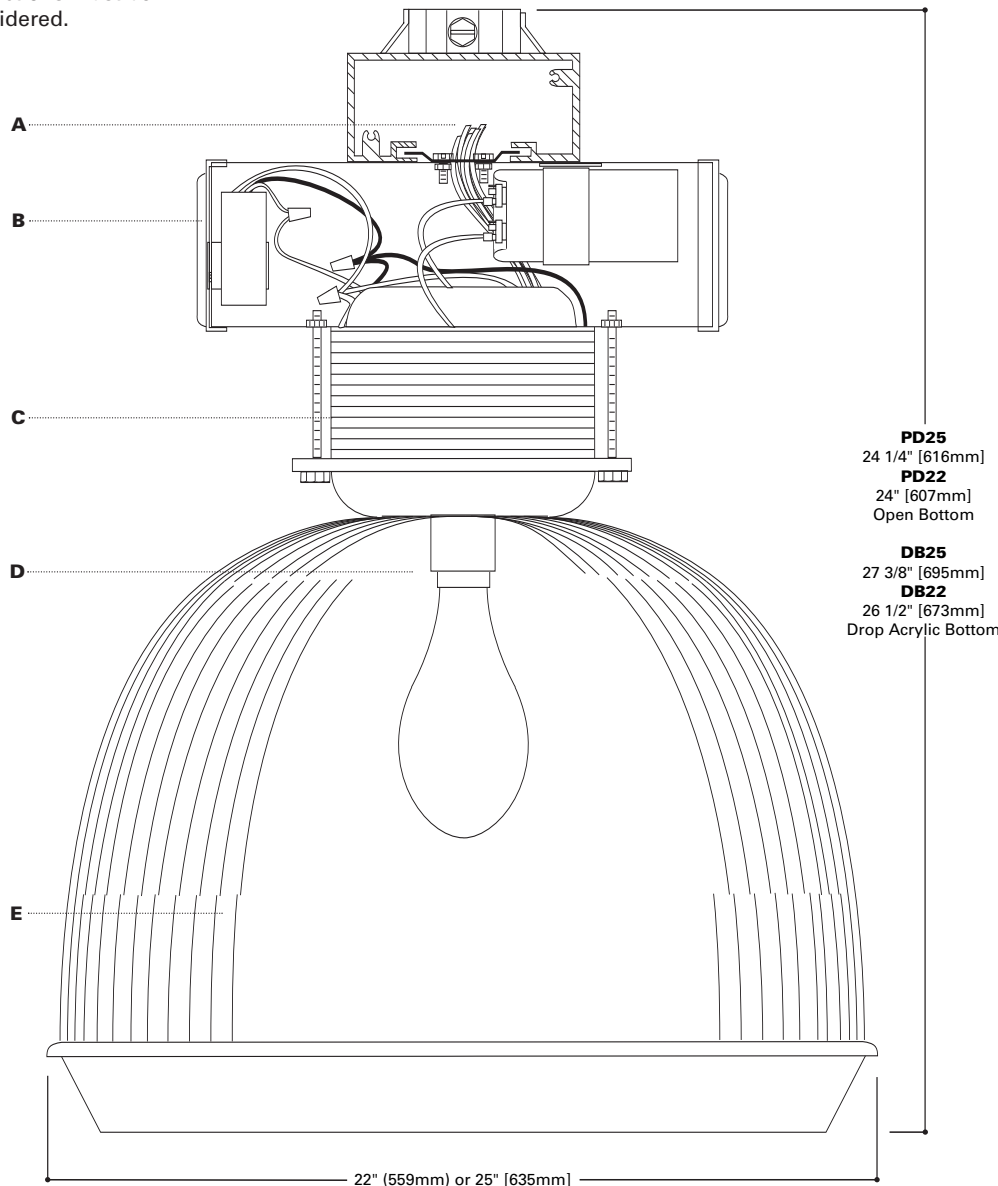


## LXPRISMATIC DIRECT-MOUNT STEELER

**1 7 5 - 4 0 0 W**

**High Pressure Sodium  
Pulse Start Metal Halide  
Metal Halide**

**DIRECT MOUNT  
PRISMATIC HIGH-BAY  
INDUSTRIAL LUMINAIRE**



## TECHNICAL DATA

40°C Maximum Ambient Temperature.  
90°C Supply Wiring

## ENERGY DATA

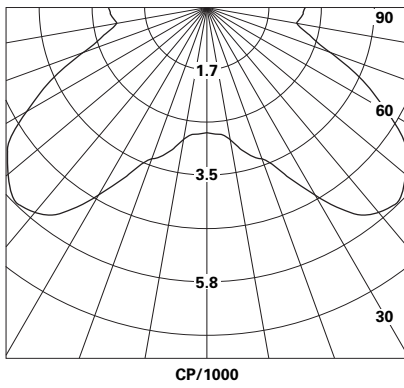
- CWI Ballast Input Watts**
  - 250W HPS HPF (300 Watts)
  - 250W MH HPF (300 Watts)
  - 400W HPS HPF (465 Watts)
  - 400W MH HPF (475 Watts)
- CWA Ballast Input Watts**
  - 175W MH HPF (210 Watts)
  - 250W HPS HPF (300 Watts)
  - 250W MH HPF (295 Watts)
  - 320W MP HPF (365 Watts)
  - 350W MP HPF (395 Watts)
  - 400W HPS HPF (465 Watts)
  - 400W MP HPF (448 Watts)
  - 400W MH HPF (455 Watts)

## SHIPPING DATA

Approximate Net Weight:  
46 lbs. (21 kgs.)



PHOTOMETRICS



MHLX-DB25-400

400-Watt MH  
36,000-Lumen Coated Lamp\*  
\*Coated lamp recommended.

Coefficients Of Utilization

rc	Effective floor cavity reflectance																			
	80%				70%				20%											
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
1	92	87	82	78	86	82	78	74	73	70	67	65	62	60	57	55	54	50		
2	83	74	68	62	78	70	64	59	63	58	54	56	52	48	49	46	43	40		
3	75	64	56	50	70	61	54	48	54	48	44	48	43	39	42	39	35	32		
4	68	56	48	41	64	53	46	40	48	41	36	42	37	33	37	33	30	27		
5	61	49	41	34	58	47	39	33	42	35	30	37	32	27	33	28	25	22		
6	56	43	35	28	52	41	33	27	36	30	25	32	27	23	29	24	20	18		
7	51	38	29	24	48	36	28	23	32	25	21	28	23	19	25	20	17	14		
8	47	34	26	20	44	32	24	19	28	22	17	25	20	16	22	18	14	12		
9	43	30	22	17	40	28	21	16	25	19	15	22	17	13	20	15	12	10		
10	40	27	19	14	37	25	18	14	23	17	12	20	15	11	18	13	10	8		

Candlepower

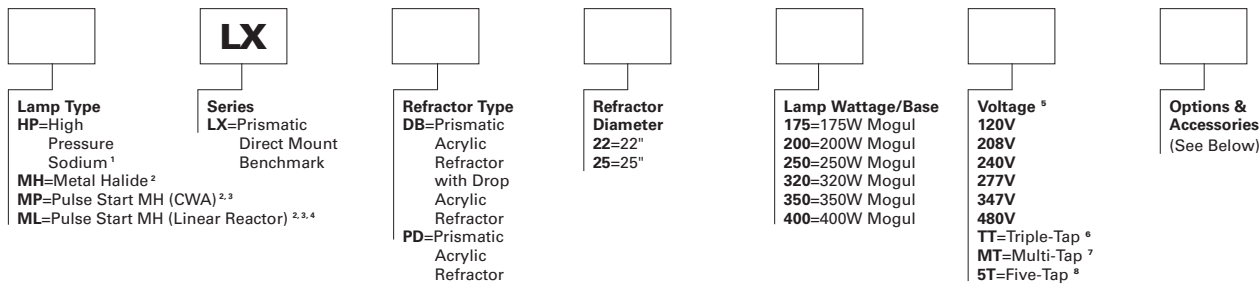
Degree	CP
0	2675
5	2713
15	3233
25	3964
35	5401
45	5775
55	5115
65	3575
75	2224
85	1972
90	2031
95	2196
105	2215
115	1930
125	1590
135	1030
145	625
155	534
165	462
175	341
180	324

Spacing Criterion 2.3

Zone	%Lamp	Zone	%Lamp
0-30	8.4	0-90	65.0
0-40	17.8	90-180	26.8
0-60	42.6	Total	91.8

ORDERING INFORMATION

SAMPLE NUMBER: HPLX-DB25-400-MT-Q



Options (add as suffix) \*

SS=Space Saver Feature  
 QD=Quick Disconnect Die-cast Pendant Mount Box (Specify Single Voltage, Not compatible with PC3, PHC, C3, MWS, RM or HC)  
 HL=LumaWatt Fixture Control Module (Allows low voltage control wire to be daisy-chained between fixtures outside AC conduit run similar to low voltage intercom's, fire alarms and phone systems)  
 HC=LumaWatt Fixture Control Module (Low voltage leads pulled out of top connection box for areas requiring all wiring to be installed in conduit)  
 Q=Quartz Restrike DC Bayonet Base (Quartz lamp will not come on at initial cold start)  
 EM=Quartz Restrike with "Delay Relay" (Lamp strikes at both hot and cold starts)  
 EM/SC=Quartz Restrike wired for Separate Circuit  
 F1=Single Fuse (120, 277 or 347V only)  
 F2=Double Fuse (208, 240, or 480V only)  
 FH-1=Die-cast Aluminum Fixture Hook (with 3/4" threads for easy installation)  
 FL-1=Malleable Iron Plated Fixture Loop (with 3/4" threads for easy installation)  
 SHK=Die-cast Aluminum Fixture Hook (with safety screw and 3/4" threads for easy installation)  
 PC3-XXXV=3' cord with NEMA plug (120V-L5-15P, 208V-L6-15P, 240V-L6-15P, 347V-L37-20P, AND 480V-L8-20P) Other cord lengths are available by specifying length (PC6 for 6' cord). Requires FH-1 or FL-1.  
**EXAMPLE: PC3-120V**

PHC-XXXV=Power Cord and Plug (18" Power Cord and Non-NEMA plug configuration. Must be used with FL-1 and TPPH (Thru-Way Pendant Power Hook). Must specify single voltage.  
**EXAMPLE: PHC-120V-NEMA**  
 PHC-XXX-NEMA=Power Cord and NEMA Plug (18" Power Cord and 20 Amp NEMA plug configuration. Must be used with FL-1 and TPPH-NEMA (Thru-Way Pendant Power Hook).  
**EXAMPLE: PHC-NEMA**  
 C3=3' Cord with no plug (Must use with FH-1 or FL-1)  
 MW=MWS Industrial components attached to the fixture at the factory. (Standard cord length is 3 ft., 6 ft. and 11 ft. also available. Please refer to MWS Modular Wiring System section for additional information)  
 SCF=3' Aircraft Safety Cable secures Housing to Ceiling (Alternative lengths available.  
**EXAMPLE: SCF6-6' Cable**  
 L/TCB=Less Top Connector Box (Housing shipped less top connector box. (Specify when using TWMB5 accessory)  
 LL=Lamp Included (Lamp is Cooper designated product based on luminaire requirements. Lamp is shipped separate from luminaire unless otherwise noted)  
 QLL=Quartz Lamp Included (Lamp is Cooper designated product based on luminaire requirements. Lamp is shipped separate from luminaire unless otherwise noted)

Accessories (order separately)

FH-1=Fixture Hook  
 FL-1=Fixture Loop  
 SHK=Hook with Safety Screw  
 PC3-XXXV=3' Cord with NEMA Plug—(120V-L5-15P, 208V-L6-15P, 240V-L6-15P, 347V-L37-20P, and 480V-L8-20P) Other cord lengths are available by specifying length (PC6 for 6' cord). Requires FH-1 or FL-1  
 PHC-XXXV=Power Cord and Plug—18" Power Cord and Non-NEMA plug configuration. Must be used with FL-1 and TPPH (Thru-Way Pendant Power Hook).  
 PHC-XXXV-NEMA=Power Cord and NEMA Plug—18" Power Cord and 20 Amp NEMA plug configuration. Must be used with FL-1 and TPPH-NEMA (Thru-Way Pendant Power Hook)  
 TPPH-XXXV-NEMA=Thru-way Pendant Power Hook. Requires FL-1 and PHC-XXXV-NEMA. Specify Voltage  
 TPPH-XXXV=Thru-Way Pendant Power Hook Requires FL-1 and PHC. Specify Voltage  
 TPPH-F-XXXV=Thru-Way Pendant Power Hook—Single Fuse, 120, 277 or 347 Volt. Requires FL-1 and PHC. Specify Voltage  
 TPPH-F2-XXXV=Thru-Way Pendant Power Hook—Double Fused, 208, 240 or 480 Volt. Requires FL-1 and PHC. Specify Voltage  
 TPPH-F-QD-XXXV=Thru-Way Pendant Power Hook—Single Fuse, Quick Disconnect. Requires FL-1 and PHC. Specify Voltage (120, 277, or 347V)  
 TPPH-F2-QD-XXXV=Thru-Way Pendant Power Hook—Double Fused, Quick Disconnect. Requires FL-1 and PHC. Specify Voltage (208, 240, or 480V)

TWMB5=Thru-way Mounting Box <sup>10</sup>  
 C3=3' Cord-No Plug-Requires FH-1 or FL-1  
 MBT=Twin Mount Bracket (Fixtures must be same voltage, wattage, and without hooks, loops or plugs)  
 WG22=Wire Guard for PD 22" Refractor (Not compatible with SGB22)  
 WG25=Wire Guard for PD 25" Refractor (Not compatible with SGB25)  
 FWG22/WDB=Wire Guard with DB22 Drop Lens for PD 22" Refractor  
 WG22/SGB=Wire Guard with Glass Lens for PD 22" Refractor  
 FWG25/WDB=Wire Guard with DB25 Drop Lens for PD 25" Refractor  
 WG25/SGB=Wire Guard with Glass Lens for PD 25" Refractor  
 SGB22=Safety Glass Bottom for PD 22" Refractor (Not compatible with WG22) <sup>1</sup>  
 SGB25=Safety Glass Bottom for PD 25" Refractor (Not compatible with WG25) <sup>1</sup>  
 CB22=Conical Bottom for 22" Refractor (Maximum 400W) <sup>2</sup>

NOTES: 1 Not available in 175, 320 or 350W. 2 Approved lamp containment barrier required when enclosed rated MP/ML/MH lamps are used. 3 277V only, not available in quartz restrike. 4 Not available with Q, WM, HL or HC options. 5 Products also available in non-US voltages and 50Hz for international markets. Consult factory for availability and ordering information. 6 Multi-Tap ballast is 120/208/240/277V wired 277V. 7 Triple-Tap ballast is 120/277/347V wired 347V. 8 5-Tap ballast is 120/208/240/277/480V wired 277V. 400W MH only. 9 Must be listed in the order shown and separated by a dash. 10 Specify L/TCB when using thru-way mounting box (TWMB5) accessory.

NOTE: Specifications and Dimensions subject to change without notice.

