KIM LIGHTING

Type:
Job:
Catalog number:

_____ / _____ / _____
LED Kit   Electrical Module   Option

c(UL)us LISTED   DLC QPL LISTED

Approvals:

Date:
Page: 1 of 4

Specifications

CC25-LED-KIT
For CC25
96 Light Emitting Diodes
Total Max System Watts = 111W @350mA
or 228W @700mA
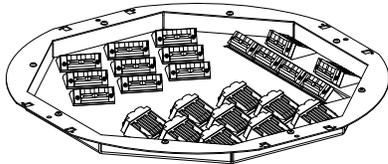
LED EmitterDeck®
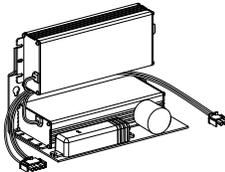
Electrical Module

Electronic Module: All electrical components are UL recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module includes a driver, LifeShield® temperature control device and surge protector. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame only. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.

Optical Module: Each Precision, replaceable PicoPrism is positioned to achieve directional control toward desired task. The entire EmitterDeck® fastens to the housing as a one-piece module.

Listed To: UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires.

NOTE: Existing product conditions are taken as the base point. Participation rules apply. See complete warranty provisions for further details.

IMPORTANT: Disable all power to the luminaire before conducting any maintenance or upgrade activity. Failure to do so will create a hazardous working environment.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Suggested Tools:
• Flathead Screw Driver

NOTE: This LED upgrade kit is compatible with the following Kim fixtures:

• CC25A
• CC25P
• CCS25A
• CCS25P
• VL25A
• VL25P

WARNING: PicoPrism luminaires are designed with open door frame, no lens. When installing an Upgrade Kit, the **glass lens must be removed** due to the increased current of the Picoprism assemblies. Reference HID to PicoPrism Upgrade Kit Installation sheet for instructions.

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

HUBBELL
HUBBELL LIGHTING, INC.

KIM LIGHTING

Type:

Job:
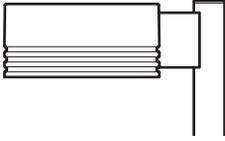
Standard Features

Fixture
Cat. No. designates fixture and distribution

CC25-LED-KIT   x   P   70

Upgrade Kit: **Distribution:**   **Optic:**   **Current:**
CC25-LED-KIT   ☐ 1 = Type I   ☐ 4 = Type IV   P = PicoPrism™   35 = 350 mA
                     ☐ 2 = Type II   ☐ 5 = Type V   70 = 700 mA
                     ☐ 3 = Type III

                     ☐ R = Type R Right ☐ L = Type L Left

Light Distribution:

| Type I | Type II | Type III | Type IV Forward Throw | Type V Square | Type R Right | Type L Left |
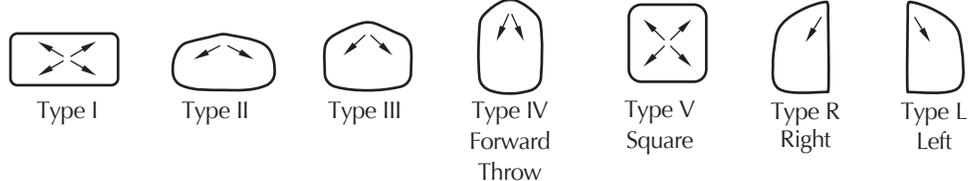
Electrical Module

Cat. Nos. for Electrical Modules available:

96L   xK   x

Source: **Voltage:**
96L = 96 LED's   ☐ 120 = 120V

                       ☐ 208 = 208V

Color Temperature: ☐ 240 = 240V

☐ 2K = 580nm - Amber   ☐ 277 = 277V

☐ 3K = 3000K   ☐ 347 = 347V[1]

☐ 4K = 4200K   ☐ 480 = 480V[1]

☐ 5K = 5100K

[1]Due to current unavailability of 347V and 480V drivers, specification of these voltages may feature an integral step-down transformer.

CC25-LED-KIT
Curvilinear 25″, PicoPrism™ LED Upgrade Kit

10/13/16 • kl_cc25pledkit_spec.pdf

KIM LIGHTING

Type:

Job: **Page: 3 of 4**
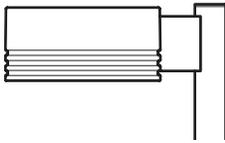
Standard Features

| **0-10V Dimming Interface** | Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wi-HUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead. | Standard Input Black (+)
White (-)
Green (GND)
Gray Dimming Lead (-)
Purple Dimming Lead (+)
Fixture Housing ← 30 mA Max |
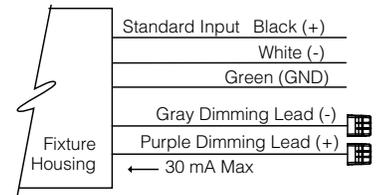
Optional Features

| **Neighbor Friendly Optic:**
Cat. No. ☐ **NFO**
☐ **No Option** | Integrated Neighbor Friendly Optic on each PicoPrism™ module to completely control unwanted backlight. Most effective with Type III and IV distibutions. | TYPE III-NFO   TYPE IV-NFO |
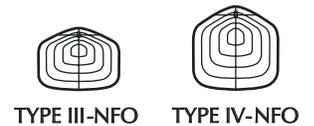
Fusing
Cat. No. **(see right)**
☐ **No Option**

High temperature fuse holders factory installed inside the fixture housing. Fuse included.

Line Volts:	120V	208V	240V	277V	347V	480V	
Cat. No.:	☐ **SF**	☐ **DF**	☐ **DF**	☐ **SF**	☐ **SF**	☐ **DF**	Single Fuse
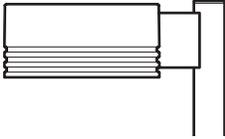
Lumen Data

Spectroradiometric

	3000K Average	4200K Average	5100K Average
Correlated Color Temp. CCT (K)	2800K-3175K	3800K-4600K	4600K-5600K
Color Rendering Index (CRI)	≥75	≥70	≥65
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance

mA	50,000 hrs	100,000 hrs
350	97.05%	95.24%
700	93.94%	90.60%

Electrical - Drive Current @350mA

Volts - AC	Amps - AC	System Watts
120	0.93	111
208	0.53	111
240	0.46	111
277	0.40	111
347	0.32	111
480	0.23	111

Electrical - Drive Current @700mA

Volts - AC	Amps - AC	System Watts
120	1.90	228
208	1.10	228
240	0.95	228
277	0.82	228
347	0.66	228
480	0.48	228

Current - 350mA

B.U.G. Rating (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare

Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	B3 U0 G3	B2 U0 G2	B2 U0 G2	N/A	B1 U0 G2	B0 U0 G2	B3 U0 G2	B3 U0 G3
4200K	B4 U0 G4	B3 U0 G3	B2 U0 G2	N/A	B1 U0 G3	B0 U0 G3	B4 U0 G2	B3 U0 G3
5100K	B4 U0 G4	B3 U0 G3	B3 U0 G3	N/A	B1 U0 G3	B0 U0 G3	B4 U0 G2	B3 U0 G3

Absolute Lumens

Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	8200	8219	8096	N/A	8015	7103	8311	7993
4200K	11246	11271	11103	N/A	10992	9741	11398	10962
5100K	11535	11562	11388	N/A	11275	9992	11691	11245

Current - 700mA

B.U.G. Rating (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare

Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	N/A	B1 U0 G3	B0 U0 G3	B4 U0 G2	B3 U0 G3
4200K	B4 U0 G4	B3 U0 G4	B3 U0 G4	N/A	B1 U0 G4	B1 U0 G4	B4 U0 G3	B3 U0 G4
5100K	B4 U0 G4	B3 U0 G4	B3 U0 G4	N/A	B1 U0 G4	B1 U0 G4	B5 U0 G3	B3 U0 G4

Absolute Lumens

Temperature	TYPE 1	TYPE 2	TYPE 3	TYPE 3 NFO	TYPE 4	TYPE 4 NFO	TYPE 5	TYPE L/R
3000K	14010	14042	13832	N/A	13780	12136	14208	13537
4200K	19252	19295	19006	N/A	18935	16676	19523	18600
5100K	19590	19634	19340	N/A	19268	16969	19867	18928

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's IES File Library. For custom optics and color temperature configurations, contact factory.

For warranty see http://www.hubbelllighting.com/resources/warranty