



## Why Use VI° Technology?

VI® Technology provides verifiable wattage for compliance with programs, agencies, state, and local codes.

1. Specify light output required to achieve desired illuminance

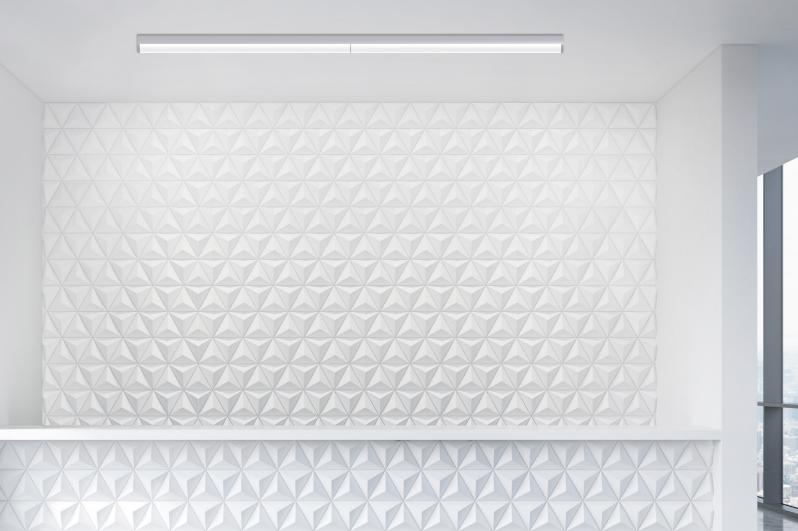
Driven by application need, not limited fixture options

2. Specify fixture wattage to meet power density requirements

Fixture labeled to your specification means no lost watts in your energy calculation.

Litecontrol's VI® technology module allows specification of LED light output to meet precise needs.







## Specifier

#### STEP 1: Choose



Choose lumen output based on:

- Power density
- Light levels

### **STEP 2: Specify**



Specify based on the published output range:

• In 50 lumen increments per foot (ex: 500, 550, 600)

#### **STEP 3: Manufacturer**



Litecontrol designs and manufactures luminaire to specifications.

#### **STEP 4: Verification**



Product arrives on site with clear, precise labeling, allowing wattage calculations based on actual versus highest possible values.

## **KEY FEATURES**

- Variable Intensity® Technology
   SpectraSync™ Color Tuning Technology available
- Up to 127 LPW
- Output range from 550-2000 lumens/ft
- Pendant, Surface & Wall Mount
- Removable Lens

## **Lens Removal**



## **Row Mounting**

Row connection is simple and straightforward, with a tight and secure fit.







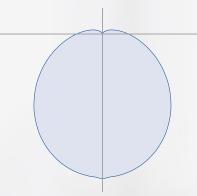
## PERFORMANCE

## VI° Technology Standard (STD) Direct Light Distribution

#### **Note Layout**

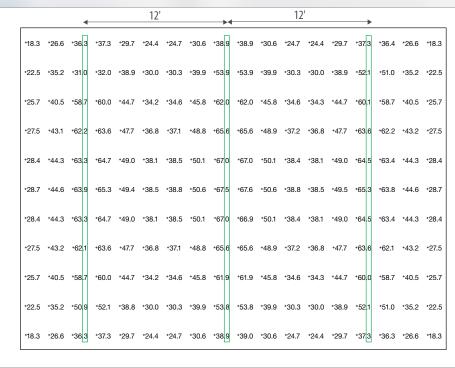
Fixture Utilized	67L-P-4-4-DM-C1-35K-D085
Lumen Output, Direct	D085 (850 lm/ft)
Ceiling Height	9'
Room Size	40' x 25'
Fixture Layout	(3) 20' Rows
Fixture AFF	7.5'
Distance to Ceiling Plane	1.5'

Lighting Goals	Specification		Note Achieves	Exceeds Goal By
Workplane	Minimum Average fc	35fc	43 fc	23%
LPD, 1000 square feet	Maximum Allowance	0.50	0.426	15%



NOTE provides 550 to 2000 lumens/ft Fixture utilized in layout: 850 lumens/ft

#### Room Size: 40'x25'



Workplane (40'x25')								
AVG	MAX	MIN	MAX/MIN					
43	68	18	3.7					
Ceiling								
AVG	MAX	MIN	MAX/MIN					
9	11	6	1.7					
		LPD						
		.426						

Reflectances: 80/50/20 Light Loss Factors: 1.00/0.90/0.90 Fixture Utilized: 67L-P-4-4-DM-C1-35K-D085

## SpectraSync<sup>™</sup> Color Tuning Technology



SpectraSyncTM is an easy and intuitive white tuning solution offered in two modes to accommodate a variety of applications.

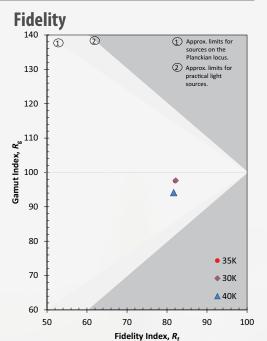
Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with two distinct SpectraSync™ Color Tuning Technology. See separate SpectraSync™ Tech Sheet for additional details. See separate NX Guide for additional details.

#### **Color Characteristics**

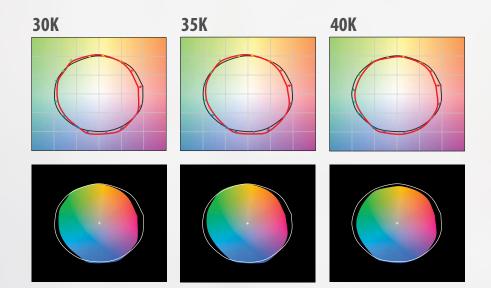
#### **Color Data**

	Ordering Code					
Value	30K	35K 35K				
Rf	82	82	82			
Rg	98	98	94			
CCT (K)	3055	3479	4015			
Duv	-0.0018	-0.0009	-0.0007			
X	0.4306	0.4055	0.3793			
y	0.3974	0.3888	0.3746			
CIE Ra	83	83	85			

# **Spectral Power Distribution**



NOTE delivers architecturally appropriate color performance as measured by the latest industry-accepted metrics.



#### **Color Rendering**

CCT	CRI		R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
30K	83	82	91	96	81	82	88	84	62	14	77	80	68	84	98
35K	83	82	89	94	82	82	85	86	66	16	73	81	64	83	96
40K	85	84	92	96	81	83	87	86	68	19	79	80	60	86	98

#### **Rated Life** Warranty

- **L70**: 257,000 (calculated per TM-21 extrapolated curve)
- **L90**: 66,000 (calculated per TM-21 extrapolated curve) • **L70**: >61,000 (reported per TM-21/LM80 6x's limitation)
  - **L90**: >61,000 (reported per TM-21/LM80 6x's limitation)
- 5 years

# ORDERING INFORMATION

Feature	Options	Description
Series	67L	Note
Mounting	Р	Pendant
	S	Surface
	W	Wall (ADA Compliant)
Fixture Distribution	D	Direct
Row Length (in feet)	'	Enter in foot increments. Note fixture lengths below.
Max Length in Row	02	2', 610mm
	03	3', 914mm
	04	4', 1219mm
	06	6', 1829mm
	08	8', 2438mm
Lens Type	DM	Dome
	BL	Bell
	SQ	Square
Finish/Color	C1	CWM - Matte White
	C2	TCWM - Textured, Matte White
	C3	CSL - Light Silver
	C4	CMA - Machined Aluminum
	C5	CCB - Carbon Black
	C6	TCBC - Textured, Camera Black
	CC	CXY - Custom Color
Color Temperature	27K	2700K
	30K	3000K
	35K 40K	3500K
	40K 50K	4000K 5000K <sup>+</sup>
	27K9	2700K, 90 CRI
	30K9	3000K, 90 CRI
	35K9	3500K, 90 CRI
	40K9	4000K , 90 CRI
	50K9	5000K , 90 CRI+
	2230TD	2200K-3000K SpectraSync™ Dim-to-Warm*
	2750T	2700K-5000K SpectraSync™Tunable White*
	2765T	2700K-6500K SpectraSync™ Tunable White*  *Must be ordered with D05 or DS5 Driver options; excludes 2' and 3' lengths; excludes D160-D200 output options
Output/ft	D055	550 (min)
Juspus, It	D200	2000 (max)
Driver	NDM	Non Dimming
	D05	5% Dimming, 0-10V*
	DS5	Soft-Start 5% Dimming, 0-10V*
	D01	1% Dimming, 0-10V
	DS1	Soft-Start 1% Dimming, 0-10V
	D00	Dim-to-off (1%), 0-10V
	DS0	Soft-Start Dim-to-off (1%), 0-10V
	LEC	Hi-Lume 1% EcoSystem LED Driver
	LTW	Hi-Lume 1% 2-wire LED driver (120V forward only)
	DALI	DALI+
	DALIP	Powered DALI (2.0)+ * Must be ordered with 2230TD, 2750T or 2765T option

Feature	Options	Description			
Circuiting	10	1 Circuit			
Voltage	UNV	Universal Voltage			
	120	120 Volt			
	240	240 Volt			
	277	277 Volt			
	347	347 Volt (D01 and NDM only)†  *Excludes Emergency Battery Pack 'EF' Option. Excludes DALI, DALIP and Lutron (LTW/LEC) Dimming Drivers			
Suspension Kit	FA1	Suspension Kit, 51"			
	FA2	Suspension Kit, 87"			
	FA3	Suspension Kit, 219"			
	FA4	Suspension Kit, 363"			

Optional Features		
Nightlight	_NL	Nightlight Circuit Required. Enter quantity. 2NL=2 nightlight circuits/row
Emergency	_EF	Emergency Battery Required. Enter quantity. 2EF=2 emergency batteries/row
Thru-Wiring	W1	No Thru Wire
	W2	Provide Normal and Emergency Thru Wiring*
	W3	Provide Normal Wiring Only *Only applicable when specified with Emergency
NX*+	NXE	NX Wired Dual RJ45 SmartPORTS, without Sensor
	NXERM	NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming
	NXWRM	NX Networked Wireless Enabled Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming
	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
	Contact factory	or row mounting. Only available with 0-10V Driver options. for Length restrictions. Refer to NX Integrated Controls Reference Table sheets for functionality of options.
Sensors+	SD1	Daylight Sensor Required. Enter quantity 2SD1= 2 daylight sensors/row
	S04	Occupancy Sensor Required. Enter quantity 2504= 2 occupancy sensors/row

\*Additional lead time may be applicable. Contact factory.







#### Current - HLI Brands

701 Millennium Blvd. Greenville, SC 29607

#### currentlighting.com/litecontrol

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