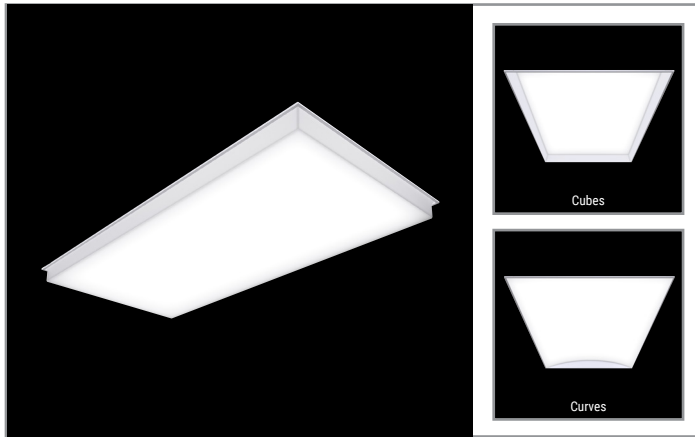


Project		Catalog #		Type	
Prepared by		Notes		Date	



## Corelite

### InDepth 24ID

2' x 4' LED Specification InDepth Series

#### Typical Applications

Office • Education • Healthcare • Hospitality • Retail

#### Product Certification



#### Systems | Features & Awards



#### Interactive Menu

- Order Information page 2
- Photometric Data page 4
- Connected Systems page 8
- Product Warranty

#### Top Product Features

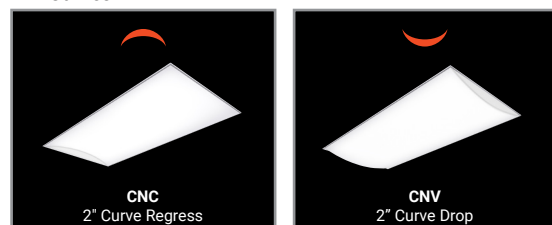
- Designer delight - create ceiling topography with regressed and drop lens options from factory or convert during installation
- Full range of lens options - cube, single curve, and double curve
- Regressed lens provides optical cut off with smooth lens for reduced glare
- Extruded aluminum housing is matte white powder coated
- Wireless control options maintain superb aesthetics
- Options to meet Trade Agreements Act requirements

#### Options

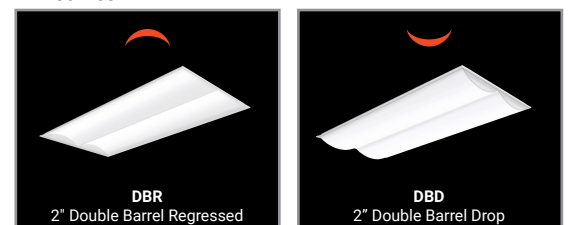
##### 2x4 Cubes



##### 2x4 Curves



##### 2x4 Curves



additional product diagrams

## Order Information

SAMPLE ORDER NUMBER: 24ID-40-CFR2-L835-U

Domestic Preferences	Rating	Series	Lumen Output	Shielding	Voltage	Options
Domestic Preferences <sup>(11)</sup>	Rating	Series <sup>(1)</sup>	Lumen Output <sup>(2)</sup>	Shielding <sup>(5)</sup>	Voltage	Options
[Blank]=Standard TAA=Trade Agreements Act	[Blank]=Standard ATW-SW4=Chicago Rated	24ID=2x4 InDepth	<b>Standard Efficacy</b> 20=2000 Lumens 25=2500 Lumens 30=3000 Lumens 35=3500 Lumens 40=4000 Lumens 45=4500 Lumens  50=5000 Lumens 55=5500 Lumens 60=6000 Lumens 70=7000 Lumens <sup>(3)</sup> 80=8000 Lumens <sup>(3)</sup> 90=9000 Lumens	CFR1=1" Cube Regressed CFR2=2" Cube Regressed CFD1=1" Cube Drop CFD2=2" Cube Drop CFD3=3" Cube Drop CNC=2" Curve Regressed CNV=2" Curve Drop DBR=2" Double Barrel Regressed DBD=2" Double Barrel Drop	[Blank]=Universal Voltage 120-277 347V=347 Volt <sup>(6)</sup> 48V=48 Volt Low-voltage (Class 2) <sup>(C)</sup>	GL=Single Element Fuse GM=Double Element Fuse
<b>Notes</b> (11) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.		<b>Notes</b> (1) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to <a href="#">www.designlights.org</a> for details.	<b>Notes</b> (2) Lumens are approximate. Use IES files for actual performance. (3) SLTHD Driver not available on 70 and 80.	<b>Notes</b> (5) 1" and 2" options may be ordered as regressed or drop or they can be converted on site. 3" option must be factory ordered.	<b>Notes</b> (6) 347 with emergency not available with SD driver. (C) Consult WaveLinX Low-Voltage or DLVP system pages for additional details and compatibility.	

Emergency Options	CRI/CCT	Flex
Emergency Options	CRI/CCT	Flex <sup>(10)</sup>
[Blank]=No emergency EL7W=7-watt 120V-277V emergency battery pack <sup>(7)</sup> EL10W=10-watt 120V-277V emergency battery pack <sup>(7)</sup> EL14W=14-watt 120V-277V emergency battery pack <sup>(7)</sup> EL10WSD=10W emergency battery pack with self-diagnostic installed <sup>(7),(9)</sup> EL14WSD=14W emergency battery pack with self-diagnostic installed <sup>(7),(9)</sup> ELV7W=Low-voltage system, 7-watt emergency battery pack <sup>(7),(C)</sup> ELV14W=Low-voltage system, 14-watt emergency battery pack <sup>(7),(C)</sup> ETRD=Emergency Transfer Relay with dimming control <sup>(8)</sup>	L830=80CRI, 3000K L835=80CRI, 3500K L840=80CRI, 4000K L850=80CRI, 5000K	[Blank]=No Flex A3/8-4/18GDIM=3/8" Flex with 0-10V Dimming Leads A3/8-2/18G=3/8" Flex with line and common A3/8-5/18GDIM=Flex with 0-10V Dimming leads and Blue for alternate wiring. See below for details.
<b>Notes</b> (7) Factory installed with integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. Battery option increases total height by 1 inch. (8) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices. (C) Consult WaveLinX Low-Voltage or DLVP system pages for additional details and compatibility. (9) EL10WSD and EL14WSD not available with 347V.		<b>Flexible Metal Conduit Options</b> (10) Multiple options available in online configurator. See additional notes on Flex below. Flex options available for 0-10V dimming control, DALI dimming control, emergency and night light functions. 72-inch factory-installed and pre-wired to driver, fitted to luminaire housing access plate with 90° enclosed FMC connector. Not all options may be combined and installation ratings vary by type. <b>A3/8-***** series notes:</b> Factory installed dimming option 3/8" flexible metal conduit with 2-#18 power and ground wires and 2-#18 UL-listed jacketed 0-10V +/- control wires. Meets UL 66, 83, 1479, 1569, 1581, 2556. NEC® 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645, 72; Federal Specification A-A-59544 (formerly J-C-30B); all applicable OSHA and HUD Requirements. UL Classified 1-, 2-, and 3-hour through penetration with applicable fire stop product (not included). May be surface mounted, fished and/or embedded in plaster. Cable tray and approved raceway rated, install per NEC®; Environmental Air-Handling Space Installation per NEC® 300.22(C).

Driver Type	Number of Drivers	Integrated Sensing Systems	Options	Packaging	Accessories
Driver Type	Number of Drivers	Integrated Sensing Systems	Options	Packaging	Accessories (order separately) <sup>(12)</sup>
[Blank]=0-10V Dimming Driver (1%-100% Dimming) SLTD=DALI Driver (5%-100% Dimming) SLTHD=DALI Driver (1%-100% Dimming) LV1=Low-voltage System Driver (0%-100% Dimming) <sup>(C)</sup> SD=Step Dimming Driver (50%, 100% Dimming) LH=Lutron HiLume (LDE1 series) 1%-100% EcoSystem Driver with Soft-on Fade to Black dimming <sup>(F)</sup>	[Blank]=1 Driver	[Blank]=No Sensor WPN=WaveLinX PRO Wireless Node without Sensor <sup>(13),(A)</sup> WTA=Factory installed WaveLinX PRO sensor Kit <sup>(13),(A)</sup> WTK=Factory installed WaveLinX LITE sensor Kit <sup>(13),(B)</sup>	[Blank]=None AM=Anti Microbial Finish	U=Unit Pack PAL= Job Pack, out of carton PALC= Job Pack, in carton	T3A END E.Q. BRACKET PARTS BAG (Standard with fixture) DF-24W-U=2' x 4' Drywall Frame Kit SK-24-WS=2' x 4' Shallow Surface Mount Kit 24CF1PK=Cube 1" Replacement Lens 24CF2PK=Cube 2" Replacement Lens 24CF3PK=Cube 3" Replacement Lens 24CN2PK=Curved 2" Replacement Lens 24DB2PK=Double Barrel 2" Replacement Lens
<b>Notes</b> Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: (C) Consult WaveLinX Low-Voltage or DLVP system pages for additional details and compatibility. (F) Consult Marketplace Options - Lutron system pages for additional details and compatibility. Compatible only with driver series shown, and may require two or more drivers. Requires field commissioning to operate or dim. Contact Lutron at <a href="#">www.lutron.com</a>		<b>Notes</b> (13) WPN, WTA, and WTK to be used with default driver.  Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: (A) Consult WaveLinX PRO system pages for additional details and compatibility. (B) WaveLinX LITE devices are not currently compatible with the WaveLinX Wireless Area Controller. Consult WaveLinX LITE system pages for additional details and compatibility.			<b>Notes</b> (12) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

## Product Specifications

### Construction

- Extruded aluminum channels form rigid housing for robust life and aesthetic appeal
- Extruded edges are smooth to enable easy installation
- Earthquake clips are included on every fixture to ensure code compliance for all regions
- If desired, one extruded frame member may be removed to enable lens conversion between regress and drop arrangement during installation
- Four auxiliary fixture corner suspension points for use with suspension option
- Driver enclosures use access plate to speed wiring and conduit installation with additional KO on sides. There are six KO.
- Chicago plenum option available

### Integrated Controls

- 0-10V dimming to 1% standard
- Tile mount WaveLinX sensor compatible for standalone, controlled, connected, and IoT capability
- Tile mount Enlighted sensor compatible for IoT capability
- Low-voltage driver compatible for WaveLinX Low-Voltage and DLVP applications
- DALI 2.0, Lutron, and step-dimming available

### LED and Light Engine

- LED's available in 3000K, 3500K, 4000K, or 5000K at 80 CRI minimum
- TM21 life at 60,000 hours up to L86 and calculated L70 exceeds 131,000 hrs.
- Drivers available in 120-277V and 347V

### Emergency Battery Options

- 120V-277V integral emergency battery pack comes in 7-watts, 10-watt, or 14-watts
- Self-diagnostic emergency battery available in 10 or 14-watts (NFPA 101® Life Safety Code®)
- Constant power to the LED system for controlled, predictable discharge
- Integrated test switch/indicator light visible from floor
- Min. 90-minute backup period for code compliance
- Integral emergency transfer relay available for generator equipped power systems

### Finish

- 90% reflective, matte white enamel finish
- Full fixture housing painted after fabrication
- Back plate and J-box are constructed of code gauge steel for code compliance

### Shielding

- Multiple acrylic lens options enable regression and drop options from factory or change at installation
- Acrylic lenses are finely textured to optimize aesthetics, cleaning and do not show finger prints after installation
- Texture is specifically designed to limit glare from other light sources in on or off state
- 4 regressed options and 5 drop lens options enables versatility in many spaces
- Lenses are made with smooth corners and no sharp edges to enable easy cleaning and maintenance

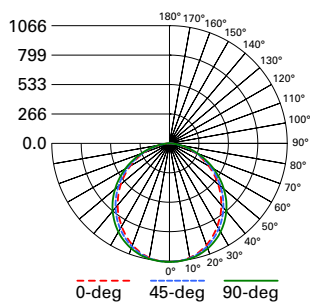
### Compliance

- IC rated for insulation contact
- cULus listed for damp locations for all lens options
- cULus listed for wet location, IP66, with regressed lens options
- RoHS compliant
- Tested to IESNA LM-79 and LM-80
- Stated life tested to TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire
- DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium (refer to [www.designlights.org](http://www.designlights.org))
- Contributes to meeting several WELL™ v1 and v2 Features

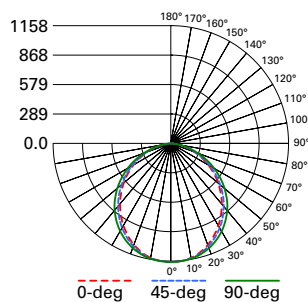
### Warranty

- Five year warranty standard. Extended ten year warranty available.

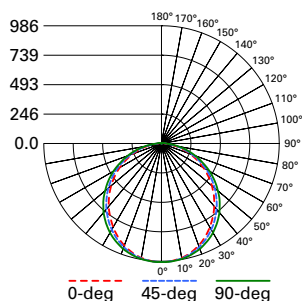
## Photometric Data

 View IES files
**24ID-30-L835-CFR1**

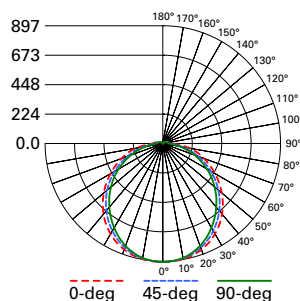
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.2 x mounting height, (⊥) 1.28 x mounting height  
Lumens: 2906  
Input Watts: 25.8W  
Efficacy: 112.6 LPW  
Test Report: 24ID-30-L835-CFR1.IES

**24ID-30-L835-CFR2**

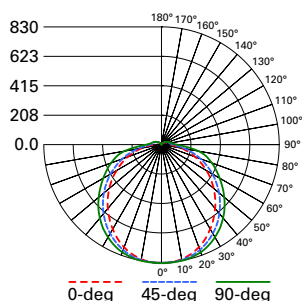
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.19 x mounting height, (⊥) 1.27 x mounting height  
Lumens: 3067  
Input Watts: 25.8W  
Efficacy: 118.9 LPW  
Test Report: 24ID-30-L835-CFR2.IES

**24ID-30-L835-CFD1**

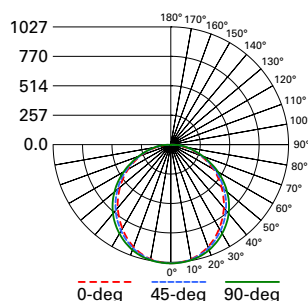
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.21 x mounting height, (⊥) 1.29 x mounting height  
Lumens: 2927  
Input Watts: 25.8W  
Efficacy: 113.5 LPW  
Test Report: 24ID-30-L835-CFD1.IES

**24ID-30-L835-CFD2**

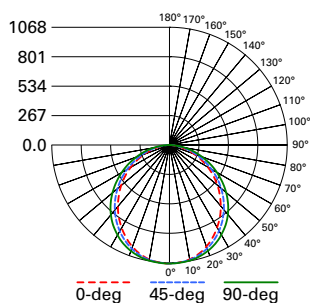
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.31 x mounting height, (⊥) 1.22 x mounting height  
Lumens: 2922  
Input Watts: 25.8W  
Efficacy: 113.2 LPW  
Test Report: 24ID-30-L835-CFD2.IES

**24ID-30-L835-CFD3**

Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.23 x mounting height, (⊥) 1.34 x mounting height  
Lumens: 2919  
Input Watts: 25.8W  
Efficacy: 113.2 LPW  
Test Report: 24ID-30-L835-CFD3.IES










**24ID-30-L835-CNC**

Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.22 x mounting height, (⊥) 1.28 x mounting height  
Lumens: 2991  
Input Watts: 25.8W  
Efficacy: 115.9 LPW  
Test Report: 24ID-30-L835-CNC.IES

**24ID-30-L835-CNV**

Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.2 x mounting height, (⊥) 1.3 x mounting height  
Lumens: 2976  
Input Watts: 25.8W  
Efficacy: 115.3 LPW  
Test Report: 24ID-30-L835-CNV.IES

**Other Optical Metrics**

	Shielding	UGR	Uplight
	CFR1	16.3	0%
	CFR2	16.1	0%
	CFD1	16.4	2%
	CFD2	17.6	5%
	CFD3	15.6	8%
	CNC	16.2	0%
	CNV	16.7	1%
	DBR	16.6	0%
	DBD	16.3	0%

## Energy and Performance Data

## Electrical Performance - 2x4 Cubes (3500K)

Lumen Pkg	Delivered Nominal Lumens					Power Watts	Efficacy (LPW)					Current (A)	
	CFR1	CFR2	CFD1	CFD2	CFD3		CFR1	CFR2	CFD1	CFD2	CFD3	120V	277V
2000	1904	2009	1918	1914	1913	16.9	113	119	113.5	113	113	0.22	0.09
2500	2405	2538	2423	2418	2416	21.4	112	119	113.2	113	113	0.22	0.09
3000	2906	3067	2927	2922	2919	25.8	113	119	113.5	113	113	0.22	0.09
3500	3408	3597	3433	3427	3424	30.4	112	118	112.9	113	113	0.25	0.11
4000	3871	4086	3900	3892	3889	35.2	110	116	110.8	111	111	0.29	0.13
4500	4381	4624	4414	4405	4402	40	110	116	110.3	110	110	0.33	0.14
5000	4776	5042	4812	4803	4799	44.1	108	114	109.1	109	109	0.37	0.16
5500	5352	5649	5392	5382	5377	50.2	107	113	107.4	107	107	0.42	0.18
6000	5745	6064	5788	5777	5772	54.5	105	111	106.2	106	106	0.45	0.20
6500	6237	6583	6284	6272	6267	60.5	103	109	103.9	104	104	0.50	0.22
7000	6729	7103	6780	6767	6761	65.6	103	108	103.3	103	103	0.55	0.24
7500	7223	7624	7277	7263	7257	70.8	102	108	102.8	103	103	0.59	0.26
8000	7727	8156	7785	7770	7764	77	100	106	101.1	101	101	0.64	0.28
8500	8157	8611	8218	8203	8196	82	100	105	100.2	100	100	0.68	0.30
9000	8639	9119	8703	8687	8680	87.3	99	105	99.7	100	99	0.73	0.32

## Lumen Calculator

CCT Multiplier	80 CRI
3000K	0.98
3500K	1.0
4000K	1.03
5000K	1.07

## Example of Lumen Adjustment Calculation

24ID-40-CFR2-L835 at 80CRI at 5000K

Lumen Adjustment Factor = 1.07

Total Light Output =

4,086 lm x 1.07 = 4,352 lm

Efficacy = 4,352 lm = 124 lm/W  
35.2W

## Optical Performance - 2x4 Cubes (3500K)

Lumen Pkg	UGR [CIE 190:2010] <sup>(1)</sup> (4H, 8H; Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane)					MAX LUMINANCE [45-90 DEG FROM NADIR] <sup>(2)</sup> (CD/M^2)				
	CFR1	CFR2	CFD1	CFD2	CFD3	CFR1	CFR2	CFD1	CFD2	CFD3
2000	14.8	14.6	15.1	16.4	14.5	901	967	822	772	695
2500	15.7	15.2	15.9	17.2	15.3	1138	1221	1031	975	878
3000	16.3	16.1	16.4	17.6	15.6	1375	1475	1254	1178	1061
3500	16.9	16.7	17.1	18.4	16.5	1613	1730	1470	1382	1244
4000	17.3	17.1	17.5	18.8	16.9	1832	1965	1670	1570	1413
4500	17.7	17.5	18	19.3	17.4	2074	2224	1890	1777	1599
5000	18	17.8	18.3	19.6	17.7	2261	2425	2061	1937	1744
5500	18.4	18.2	18.7	20	18	2534	2717	2309	2171	1954
6000	18.7	18.5	18.9	20.2	18.3	2720	2916	2479	2330	2097
6500	19	18.8	19.2	20.5	18.6	2953	3166	2691	2530	2277
7000	19.2	19	19.5	20.7	18.8	3186	3416	2903	2729	2456
7500	19.5	19.3	19.7	21	19.1	3419	3667	3116	2929	2637
8000	19.7	19.5	19.9	21.2	19.3	3658	3923	3334	3134	2821
8500	19.9	19.7	20.1	22	19.5	3862	4141	3520	3308	2978
9000	20.1	19.9	20.3	21.6	19.7	4090	4386	3727	3504	3153

Notes: (1) For other UGR data for room or reflective ceiling plans please see technical data on website. (2) For other CCT please see technical data on website.

## Nominal Lumen Maintenance

TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (hours) <sup>(3)</sup>
> 86%	> 131,000

Notes: (3) Theoretical values represent estimations. Refer to LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IES TM-21 and LM-80.

## Load Data

Thd	6%
Power Factor	0.99
Weight (lbs.)	10.6
Low Temp. Start	-20°C

## Shipping Data

Lens Catalog No.	Weight (lbs)	Units per Pallet 49"L x 52"W x 55"H
CFD1, CFD2, CFD3, CNV, DBD	28	9
CFD1, CFD2, CFD3, CNV, DBD	28	5

## Energy and Performance Data

## Electrical Performance - 2x4 Curves (3500K)

Lumen Pkg	Delivered Nominal Lumens				Power Watts	Efficacy (LPW)				Current (A)	
	CNC	CNV	DBR	DBD		CNC	CNV	DBR	DBD	120V	277V
2000	1950	1960	1942	1945	16.9	115	116	115	115	0.14	0.06
2500	2463	2475	2453	2457	21.4	115	116	115	115	0.18	0.08
3000	2976	2991	2964	2969	25.8	115	116	115	115	0.22	0.09
3500	3490	3508	3476	3482	30.4	115	115	114	115	0.25	0.11
4000	3964	3985	3949	3955	35.2	113	113	112	112	0.29	0.13
4500	4487	4510	4469	4476	40	112	113	112	112	0.33	0.14
5000	4892	4917	4873	4880	44.1	111	112	111	111	0.37	0.16
5500	5481	5510	5460	5469	50.2	109	110	109	109	0.42	0.18
6000	5883	5914	5860	5870	54.5	108	109	108	108	0.45	0.20
6500	6387	6421	6362	6373	60.5	106	106	105	105	0.50	0.22
7000	6891	6927	6865	6876	65.6	105	106	105	105	0.55	0.24
7500	7397	7436	7368	7380	70.8	105	105	104	104	0.59	0.26
8000	7914	7955	7883	7896	77	103	103	102	103	0.64	0.28
8500	8354	8398	8322	8335	82	102	102	102	102	0.68	0.30
9000	8847	8893	8812	8827	87.3	101	102	101	101	0.73	0.32

## Lumen Calculator

CCT Multiplier	80 CRI
3000K	0.98
3500K	1.0
4000K	1.03
5000K	1.07

## Example of Lumen Adjustment Calculation

24ID-40-CNC-L835 at 80CRI at 5000K

Lumen Adjustment Factor = 1.07

Total Light Output =

3,964 lm x 1.07 = 4,222 lm

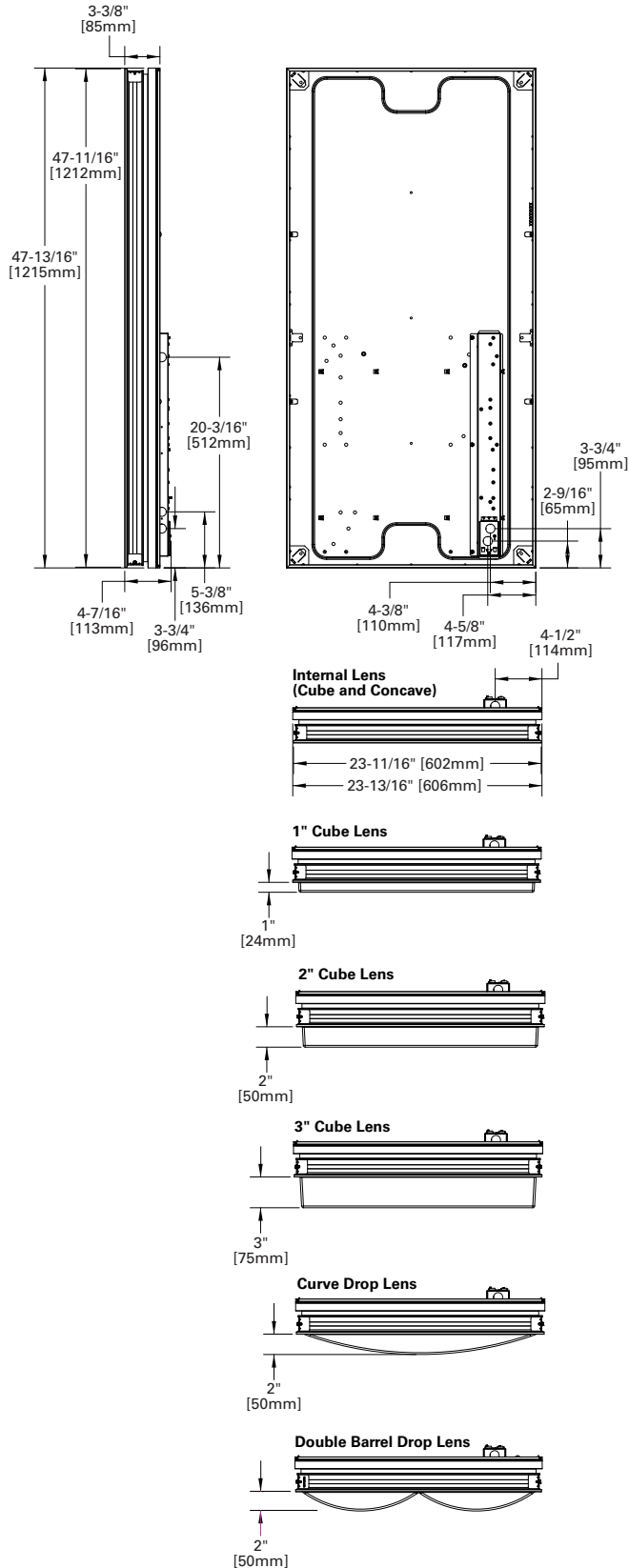
Efficacy =  $\frac{4,222 \text{ lm}}{32.5 \text{ W}} = 120 \text{ lm/W}$ 

## Optical Performance - 2x4 Curves (3500K)

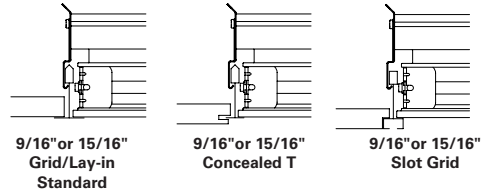
Lumen Pkg	UGR [CIE 190:2010] <sup>(1)</sup> (4H, 8H; Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane)				MAX LUMINANCE [45-90 DEG FROM NADIR] <sup>(2)</sup> (CD/M <sup>2</sup> )			
	CNC	CNV	DBR	DBD	CNC	CNV	DBR	DBD
2000	14.7	15.2	16.6	16.3	935	823	937	825
2500	15.5	16	17.4	17.1	1189	1039	1183	1042
3000	16.2	16.7	18.1	17.8	1426	1256	1430	1259
3500	16.7	17.3	18.6	18.3	1673	1473	1676	1477
4000	17.2	17.7	19.1	18.8	1900	1673	1905	1677
4500	17.6	18.1	19.5	19.2	2151	1893	2155	1898
5000	17.9	18.4	19.8	19.5	2345	2064	2350	2069
5500	18.3	18.8	20.2	19.9	2627	2313	2633	2319
6000	18.6	19.1	20.4	20.1	2820	2483	2826	2489
6500	18.8	19.4	20.7	20.4	3062	2695	3068	2702
7000	19.1	19.6	21.0	20.7	3303	2908	3311	2916
7500	19.4	19.9	21.2	20.9	3546	3121	3553	3129
8000	19.6	20.1	21.5	21.2	3793	3339	3802	3348
8500	19.8	20.3	21.7	21.4	4004	3525	4014	3534
9000	20	20.5	21.9	21.6	4241	3733	4250	3743

Notes: (1) For other UGR data for room or reflective ceiling plans please see technical data on website. (2) For other CCT please see technical data on website.

## Dimensional and Shielding Details



## Ceiling Compatibility

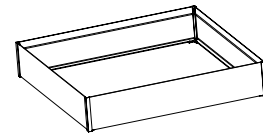


## Ceiling Mounting Choices

Application	Catalog	UPC	Description
Hard Ceiling Recessed	DF-24W-U	662401232970	2x4 Dry Wall Frame Kit
Surface Mount	SK-24-WS	080083719389	2x4 Shallow Surface Mount Kit

## Suspension Cover

Catalog	UPC	Description
SUS-24-W	coming soon	Field installed suspension cover kit - side covers, corner covers and installation hardware



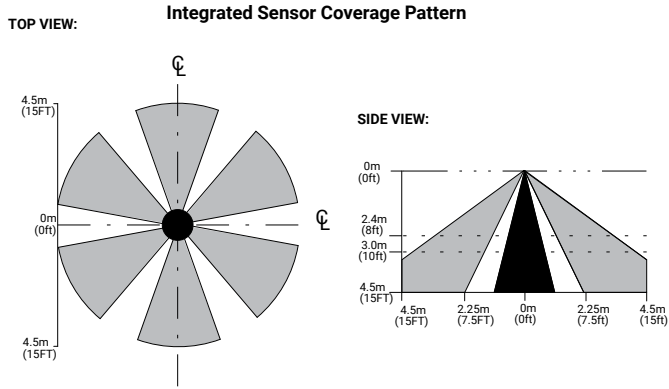
## Suspension Kit

Catalog	UPC	Description
FPSUS2	080083802784	2 point Y-hanger suspension kit includes aircraft cable, carabiner, ceiling connection, SO cord, cord connectors and round 4" J-box cover plate

Mounting height from ceiling  
**Min.** = 7-1/4" [184mm]  
**Max.** = 27" [286mm]

## Control Systems

- WaveLinX PRO Wireless
- WaveLinX LITE Wireless
- WaveLinX Wired



**Note:** Installation of integrated sensors within 3-ft (1m) of HVAC air vents is not recommended. The pattern shown is intended solely as a general guide and is not to scale.

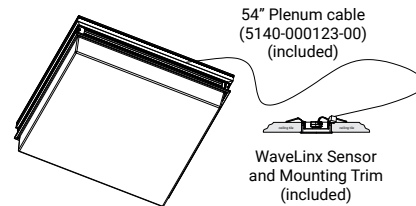
The InDepth with WaveLinX offers no-hassle lighting control with multiple luminaire level control solutions.

**WaveLinX PRO** is used for applications where spaces need to be connected to a lighting or building management system and to help building owners improve their operations, building environment, and tenants' experience by leveraging the data generated by the sensors. The WaveLinX PRO devices communicate with each other via the WaveLinX Area Controller which coordinates the data traffic between the devices, lighting apps and CORE platform. The WaveLinX Area Controller also hosts the time clock required if spaces need to be turned on/off at a specific time.

The WaveLinX PRO Sensor offers built-in occupancy and daylighting controls as well as luminaire level control including white tuning while the WaveLinX PRO Node offers luminaire level control and white tuning. If opting for the WaveLinX PRO Node option, a PRO Ceiling Sensor will most likely be needed within the space to control the lights based on occupancy and daylight levels.

**WaveLinX LITE** is used for single spaces where there is no need to manage the spaces remotely or exchange the sensor data with other sub-systems within the building or smart applications.

The WaveLinX LITE Sensor offers built-in occupancy and daylighting controls as well as luminaire level control.



For more information on tilemount sensor specifications and installation, see WaveLinX PRO and WaveLinX LITE Tilemount Sensor Kit at [cooperlighting.com](http://cooperlighting.com).

## Systems comparison chart

Cooper Lighting Solutions provides many lighting system solutions designed to satisfy code requirements and meet the unique needs of any project.



**Luminaire with standalone sensor**



**Standalone Spaces WaveLinX LITE**



**Networked Spaces WaveLinX PRO**



**Enterprise WaveLinX CORE**

<b>Occupancy</b>	Yes	Yes	Yes	Yes
<b>Daylighting</b>	Yes	Yes	Yes	Yes
<b>Wallstations</b>	–	Yes	Yes	Yes
<b>Gateways</b>	–	–	1 WAC	300 WACs
<b>Devices (MAX)</b>	–	50 per Area (1400 per site)	200 per WAC2	32,500 per CORE Enterprise
<b>Software</b>	–	WaveLinX LITE Mobile App	WaveLinX Mobile App	CORE
<b>Areas</b>	–	28 per Site	50 per WAC2	up to 3,000
<b>Zones</b>	–	16 per Area	16 per Area	up to 9,000
<b>Scheduling</b>	–	–	Local	Global
<b>VividTune™</b>	–	–	Yes	Yes
<b>Plug-Load Control</b>	–	–	Yes	Yes
<b>Low-Voltage Power</b>	–	–	Yes	Yes
<b>Integration</b>	–	–	–	BACnet, API
<b>Dashboards</b>	–	–	–	Energy, Occupancy
<b>Configuration</b>	–	Installer	Technician	Technician / IT

## SCALABILITY

