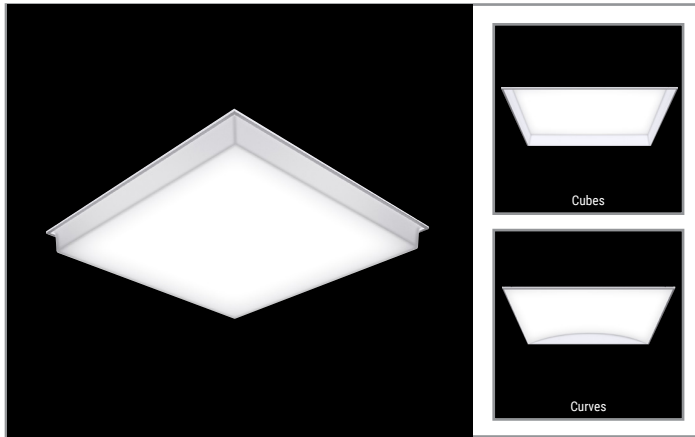


Project		Catalog #		Type	
Prepared by		Notes		Date	



## Corelite

### InDepth 22ID

2' x 2' LED Specification InDepth Series

#### Typical Applications

Office • Education • Healthcare • Hospitality • Retail

#### Product Certification



#### Systems | Features & Awards



#### Interactive Menu

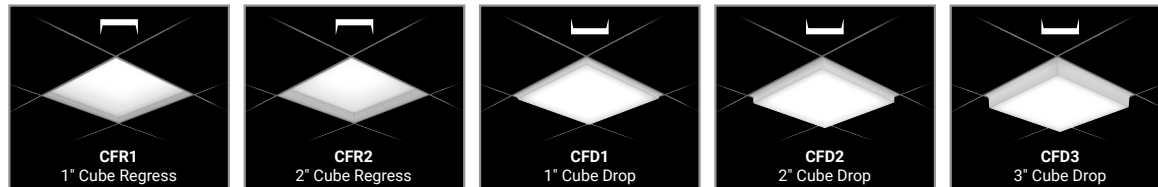
- Order Information [page 2](#)
- Photometric Data [page 4](#)
- Connected Systems [page 8](#)
- Product Warranty

#### Top Product Features

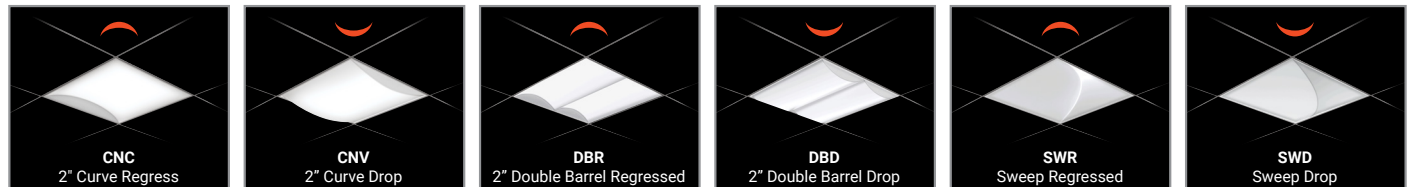
- Designer delight - create ceiling topography with regressed and drop lens options from factory or convert during installation
- Full range of lens options - cube, single curve, double curve, and unique sweep
- Regressed lens provides optical cut off with smooth lens for reduced glare
- Extruded aluminum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

#### Options

##### 2x2 Cubes



##### 2x2 Curves



[additional product diagrams](#)

## Order Information

SAMPLE ORDER NUMBER: 22ID-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	22ID=2x2 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>	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 SWR=Sweep Regressed <sup>(14)</sup> SWD=Sweep Drop <sup>(14)</sup>	[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. (14) Sweep lens only available in 2x2 size.	<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. (9) EL10WSD and EL14WSD not available with 347V. (C) Consult WaveLinX Low-Voltage or DLVP system pages for additional details and compatibility.		<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, 501, 502, 503, 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 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-22W-U=2' x 2' Drywall Frame Kit SK-22-WS=2' x 2' Shallow Surface Mount Kit 22CF1PK=Cube 1" Replacement Lens 22CF2PK=Cube 2" Replacement Lens 22CF3PK=Cube 3" Replacement Lens 22CN2PK=Curved 2" Replacement Lens 22DB2PK=Double Barrel 2" Replacement Lens 22SWPK=Sweep 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
- 5 regressed options and 6 drop lens options enables versatility in many spaces
- Lenses are made with smooth corners and no sharp edges to enable easy cleaning and maintenance

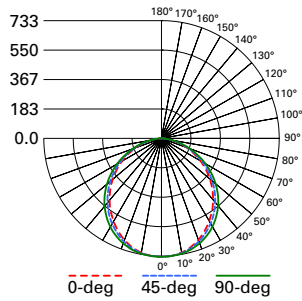
### Compliance

- 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

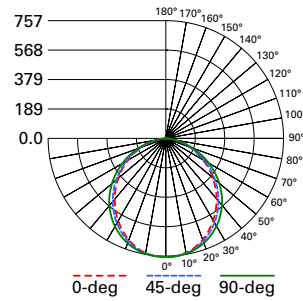
### Warranty

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

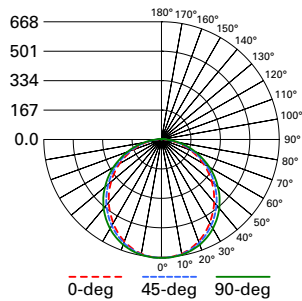
## Photometric Data

 View IES files
**22ID-20-L835-CFR1**

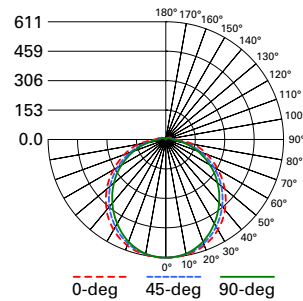
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.2 x mounting height, (⊥) 1.28 x mounting height  
Lumens: 2002  
Input Watts: 16.3W  
Efficacy: 122.8 LPW  
Test Report: 22ID-20-L835-CFR1.IES

**22ID-20-L835-CFR2**

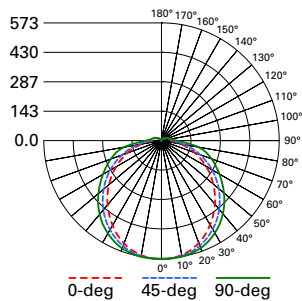
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.19 x mounting height, (⊥) 1.27 x mounting height  
Lumens: 2010  
Input Watts: 16.3W  
Efficacy: 123.3 LPW  
Test Report: 22ID-20-L835-CFR2.IES

**22ID-20-L835-CFD1**

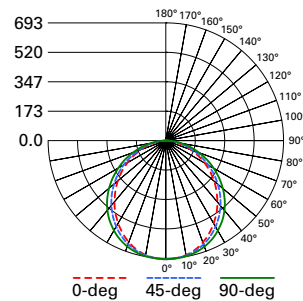
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.21 x mounting height, (⊥) 1.29 x mounting height  
Lumens: 1987  
Input Watts: 16.3W  
Efficacy: 121.9 LPW  
Test Report: 22ID-20-L835-CFD1.IES

**22ID-20-L835-CFD2**

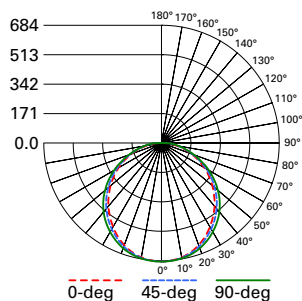
Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.31 x mounting height, (⊥) 1.22 x mounting height  
Lumens: 1996  
Input Watts: 16.3W  
Efficacy: 122.5 LPW  
Test Report: 22ID-20-L835-CFD2.IES

**22ID-20-L835-CFD3**

Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.23 x mounting height, (⊥) 1.34 x mounting height  
Lumens: 2019  
Input Watts: 16.3W  
Efficacy: 123.9 LPW  
Test Report: 22ID-20-L835-CFD3.IES












**22ID-20-L835-CNC**

Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.2 x mounting height, (⊥) 1.3 x mounting height  
Lumens: 1936  
Input Watts: 16.3W  
Efficacy: 118.8 LPW  
Test Report: 22ID-20-L835-CNC.IES

**22ID-20-L835-CNV**

Electronic Driver  
Linear LED 3500K  
Spacing criterion: (II) 1.22 x mounting height, (⊥) 1.28 x mounting height  
Lumens: 1996  
Input Watts: 16.3W  
Efficacy: 122.5 LPW  
Test Report: 22ID-20-L835-CNV.IES

**Other Optical Metrics**

	Shielding	UGR	Uplight
	CFR1	17.5	0%
	CFR2	17.2	0%
	CFD1	17.4	2%
	CFD2	18.6	5%
	CFD3	16.6	8%
	CNC	17.3	0%
	CNV	17.3	1%
	DBR	18.1	0%
	DBD	18.2	3%
	SWR	18.3	0%
	SWD	17.8	1%

## Energy and Performance Data

## Electrical Performance - 2x2 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	2034	2042	2018	2028	2051	16.3	125	125	124	124	126	0.14	0.06
2500	2593	2604	2574	2585	2615	20.6	126	126	125	126	127	0.17	0.07
3000	3036	3049	3014	3027	3062	24.2	126	126	125	125	127	0.20	0.09
3500	3581	3595	3554	3570	3611	28.8	124	125	123	124	125	0.24	0.10
4000	4056	4073	4026	4044	4091	32.5	125	125	124	124	126	0.27	0.12
4500	4574	4593	4540	4561	4614	37.2	123	124	122	123	124	0.31	0.13
5000	5078	5099	5040	5063	5122	41.1	124	124	123	123	125	0.34	0.15
5500	5589	5612	5547	5572	5637	45.9	122	122	121	121	123	0.38	0.17
6000	6125	6150	6079	6107	6178	50.9	120	121	119	120	121	0.42	0.18
6500	6595	6622	6545	6575	6651	56	118	118	117	117	119	0.47	0.20
7000	7147	7176	7093	7126	7209	61.1	117	117	116	117	118	0.51	0.22
7500	7607	7637	7549	7584	7672	65.8	116	116	115	115	117	0.55	0.24
8000	8042	8074	7981	8018	8111	70.8	114	114	113	113	115	0.59	0.26

## Optical Performance - 2x2 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	17.5	17.2	17.4	18.6	16.6	1925	1965	1729	1573	1490
2500	18.3	18	18.3	19.4	17.4	2455	2505	2205	2005	1900
3000	18.9	18.6	18.8	20	18	2874	2933	2582	2348	2225
3500	19.4	19.1	19.4	20.5	18.6	3390	3459	3044	2769	2624
4000	19.9	19.6	19.8	21	19	3840	3919	3449	3137	2972
4500	20.3	20	20.3	21.4	19.4	4330	4419	3889	3537	3352
5000	20.6	20.4	20.6	21.7	19.8	4807	4906	4317	3927	3721
5500	21	20.7	21	22.1	20.1	5291	5400	4752	4322	4096
6000	21.3	21	21.3	22.4	20.4	5798	5918	5208	4737	4489
6500	21.6	21.3	21.5	22.6	20.7	6243	6371	5607	5100	4833
7000	21.8	21.5	21.8	22.9	21	6766	6905	6077	5527	5237
7500	22.1	21.8	22	23.1	21.2	7201	7349	6467	5882	5574
8000	22.2	22	22.2	23.3	21.4	7612	7769	6837	6218	5893

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

## Lumen Calculator

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

## Shipping Data

Lens Catalog No.	Weight (lbs)	Units per Pallet 49'L x 52'W x 55'H
CFR1, CFR2, CNC, DBR, SWR	16	18
CFD1, CFD2, CFD3, CNV, DBD, SWD	16	10

## Example of Lumen Adjustment Calculation

22ID-40-CFR2-L835 at 80CRI at 5000K

Lumen Adjustment Factor = 1.07

Total Light Output =

4,009 lm x 1.07 = 4,290 lm

Efficacy =  $\frac{4,290 \text{ lm}}{32.7W} = 131 \text{ lm/W}$

## Energy and Performance Data

## Electrical Performance - 2x2 Curves (3500K)

Lumen Pkg	Delivered Nominal Lumens						Power	Efficacy (LPW)						Current (A)	
	CNC	CNV	DBR	DBD	SWR	SWD	Watts	CNC	CNV	DBR	DBD	SWR	SWD	120V	277V
2000	2028	1967	2014	2010	1999	1992	16.3	124	121	124	123	123	122	0.14	0.06
2500	2585	2509	2568	2563	2549	2540	20.6	126	122	125	124	124	123	0.17	0.07
3000	3027	2937	3007	3001	2985	2974	24.2	125	121	124	124	123	123	0.20	0.09
3500	3570	3464	3546	3539	3520	3507	28.8	124	120	123	123	122	122	0.24	0.10
4000	4044	3924	4017	4009	3987	3973	32.5	124	121	124	123	123	122	0.27	0.12
4500	4561	4425	4530	4521	4496	4481	37.2	123	119	122	122	121	121	0.31	0.13
5000	5063	4912	5029	5019	4991	4974	41.1	123	120	122	122	121	121	0.34	0.15
5500	5572	5406	5535	5524	5494	5475	45.9	121	118	121	120	120	119	0.38	0.17
6000	6107	5925	6066	6054	6021	6000	50.9	120	116	119	119	118	118	0.42	0.18
6500	6575	6379	6531	6518	6482	6460	56.0	117	114	117	116	116	115	0.47	0.20
7000	7126	6914	7078	7064	7025	7001	61.1	117	113	116	116	115	115	0.51	0.22
7500	7584	7358	7532	7518	7477	7451	65.8	115	112	115	114	114	113	0.55	0.24
8000	8018	7779	7963	7948	7904	7877	70.8	113	110	113	112	112	111	0.59	0.26

## Optical Performance - 2x2 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/M²)					
	CNC	CNV	DBR	DBD	SWR	SWD	CNC	CNV	DBR	DBD	SWR	SWD
2000	17.3	17.3	18.1	18.2	18.3	17.8	1926	1522	1907	1653	1903	1764
2500	18.1	18.2	18.9	19.0	19.1	18.6	2448	1934	2431	2107	2426	2249
3000	18.7	18.7	19.5	19.6	19.7	19.2	2963	2341	2847	2467	2841	2633
3500	19.2	19.3	20.0	20.1	20.2	19.7	3371	2663	3357	2910	3350	3105
4000	19.7	19.7	20.5	20.6	20.7	20.2	3860	3050	3803	3296	3795	3518
4500	20.1	20.2	20.9	21.0	21.1	20.6	4352	3439	4289	3717	4279	3967
5000	20.4	20.5	21.3	21.4	21.5	21.0	4830	3816	4761	4126	4751	4404
5500	20.8	20.9	21.6	21.7	21.8	21.3	5304	4191	5240	4542	5229	4847
6000	21.1	21.2	21.9	22.0	22.1	21.6	5814	4594	5743	4977	5731	5312
6500	21.3	21.4	22.2	22.3	22.4	21.9	6324	4997	6183	5359	6170	5719
7000	21.6	21.7	22.4	22.5	22.6	22.1	6792	5366	6701	5808	6687	6198
7500	21.8	21.9	22.7	22.8	22.9	22.4	7246	5725	7131	6181	7117	6597
8000	22	22.1	22.9	23.0	23.1	22.6	7759	6130	7539	6534	7523	6974

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.

## Lumen Calculator

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

## Example of Lumen Adjustment Calculation

22ID-40-CNC-L835 at 80CRI at 5000K

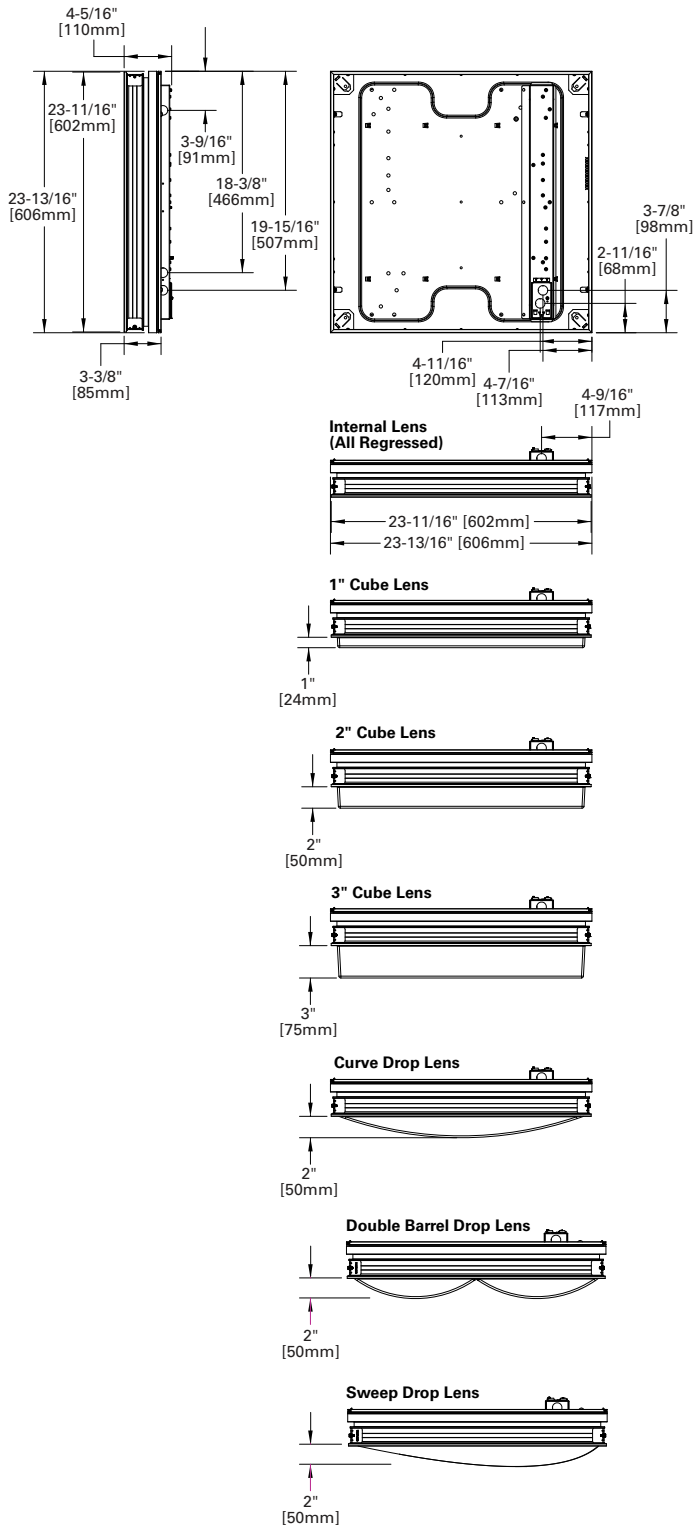
Lumen Adjustment Factor = 1.07

Total Light Output =

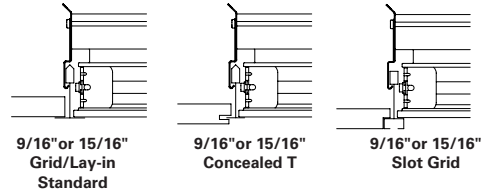
4,044 lm x 1.07 = 4,306 lm

Efficacy =  $\frac{4,306 \text{ lm}}{32.5 \text{ W}}$  = 132 lm/W

## Dimensional and Shielding Details



## Ceiling Compatibility



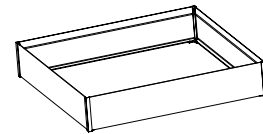
## Ceiling Mounting Choices

Application	Catalog	UPC	Description
Hard Ceiling Recessed	DF-22W-U	662401232963	2x2 Dry Wall Frame Kit
Surface Mount	SK-22-WS	080083719402	2x2 Shallow Surface Mount Kit

## Suspension Cover (available in June 2020)

Catalog	UPC	Description
SUS-22-W	coming soon	Field installed suspension cover kit - side covers, corner covers and installation hardware

**Notes:** Snap on accessory kit may be applied at factory (SUS option) or as a kit and installed on site. See instruction sheet for more details.



## 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

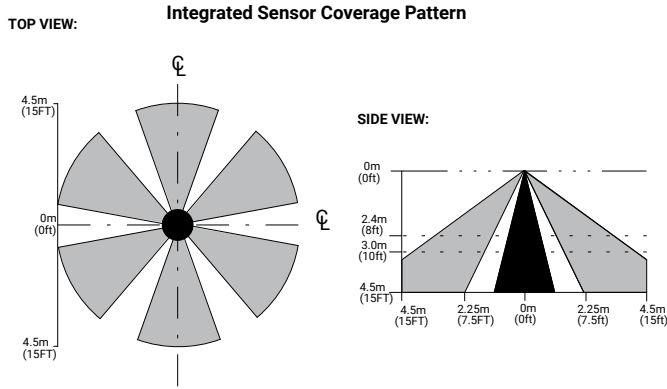
Mounting height from ceiling  
**Min.** = 7-1/4" [184mm]  
**Max.** = 27" [286mm]

## Sweep Front View



## 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.

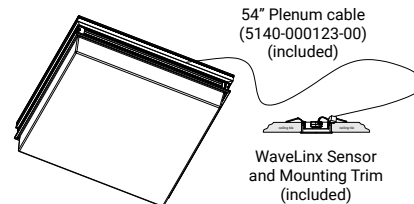
The InDepth with WaveLinX offers no-hassle lighting control with multiple luminaire level control solutions.

**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

