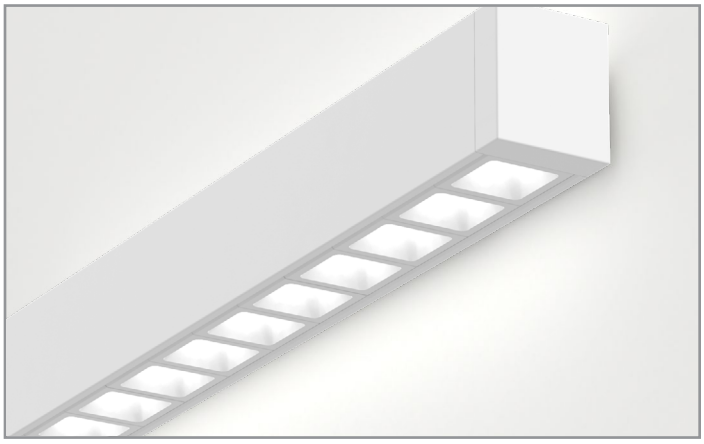
Project		Catalog #		Type	
Prepared by		Notes		Date	



Corelite
Discreet Wall

LED
Wall Mounted
Direct, Direct/Indirect

Typical Applications
Office • Education • Healthcare • Hospitality • Retail

Interactive Menu

Product Certification

*Self-tested by Cooper Lighting. Not a third party certification.

Product Features

Connected Systems
damp location
powered by fifthlight
BAA

Top Product Features

- Low glare illumination with precision-engineered optical system
- Black (UGR less than 6) and White (UGR less than 13) baffle options
- Wide range of direct/indirect distributions plus independent up/down circuiting
- ADA compliant compact profile
- Up to 127 lumens per watt Direct-Indirect, 121 lumens per watt Direct
- Thoughtful design features for easy installation
- Integrated sensor systems - occupancy, daylight and IoT connectivity

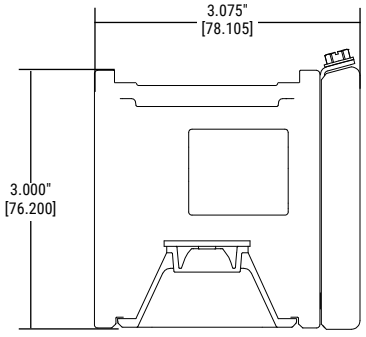
Dimensions and Fixture Lengths

Bottom Views

48" [1219mm]

72" [1829mm]

96" [2438mm]



Direct/Indirect

Note: End caps add 1" at each end.

Order Information

SAMPLE ORDER NUMBER: **DL2W-WB-M-075U-050D-935-1D-UNV-STD-WAB-BSL6-W-T1-8**

Domestic Preferences	Series	Shielding	Distribution (direct)	Indirect Shielding	Lumen Package Up (Lms/ft)	Lumen Package Down(Lms/ft)	CRI/CCT
[Blank]=Standard **BAA**=Buy American Act	**DL2W=** Discreet Linear 2" Wall Mount	**BB**= Black Baffle, TIR Optic **WB**= White Baffle, TIR Optic	**M**= Medium, 80° **N= N**arrow, 35° ø **WW**= Wall Wash ø	**[Blank]**=Standard **A**=Asymmetric lens	**0U**= No Uplight **025U**= 500 Lumens/ft Up **050U**= 500 Lumens/ft Up **075U**= 750 Lumens/ft Up **100U**= 1000 Lumens/ft Up **125U**= 1250 Lumens/ft Up **150U**= 1500 Lumens/ft Up **___U**= Specify ø	**050D**= 500 Lumens/ft Down **075D**= 750 Lumens/ft Down **100D**= 1000 Lumens/ft Down **125D**= 1250 Lumens/ft Down **___U**= Specify ø	**930**= 3000K, 90CRI **935**= 3500K, 90CRI **940**= 4000K, 90CRI
Notes Only product configurations with this "BAA" designation are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	**Notes**	**Notes**	**Notes** ø Coming soon		**Notes** Custom lumen output available. Down (Direct): Min = 150 Lms/ft Max = 1480 Lms/ft Consult factory to specify custom lumen package. See Driver Availability tables for more details.	**Notes** Custom lumen output available. Down (Direct): Min = 150 Lms/ft Max = 1500 Lms/ft Consult factory to specify custom lumen package. See Driver Availability tables for more details.	**Notes**

Circuiting	Additional Section Wiring	Voltage	Driver/Dimming Options	Integral Sensor Options	Integrated Emergency Devices
1=Single Circuit **2**= Dual Circuit (Ind. Up/Down Circuits)	**D**= None (Default Dimming) **E**= Emergency Circuit **S**= Secondary Circuit **N**= Secondary + Emergency Circuit	**UNV**=Univeral (120V-277V) **347**=347V	**STD**= Standard 0-10V (1%-100%) **SR**= Sensor Ready (1%-100%) **5LT**= Fifth Light DALI (1%-100%) **LH**= Lutron HiLume 1% EcoSystems (LDE1)	**WAA**= WaveLinx Wireless Integrated Sensor **WAB**= WaveLinx Lite Wireless Integrated Sensor **LWIPD1**= Enlighted Wireless Integrated Sensor	**BSL6**=Bodine 6-watt, 120V-277V Emergency Battery Pack, BSL6LST **EPC**=LVS Controls EPC UL924 Bypass Relay Device
Notes Refers to wiring in cross section. Dual circuit not available with secondary circuit or integrated sensor.	**Notes** Emergency and Secondary circuit section wiring are configured per unit (4ft, 6ft, or 8ft). Emergency circuit option operates entire downlight portion of a specified unit.	**Notes** Integrated 347V driver with STD 0-10V option only.	**Notes** Not all driver options are available for every configuration. See Driver Availability tables for more details.	**Notes** WAA and WAB sensor must be used with "STD" driver. LWI sensor must be used with "SR" driver. Integrated Sensors combined with Emergency Circuit require one UL924 Bypass Relay per emergency fixture. 4ft Fixture with uplight not available with integrated battery and sensor in same fixture Integral sensor available with individual fixtures and standard runs up to 16ft.	**Notes** Battery operates entire downlight portion of 4ft and 6ft fixtures. Battery operates specified 4ft sections of 8ft fixtures. Battery available in fixtures up to a combined 2000 lms/ft. EPC option used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). 4ft Fixture with uplight not available with integrated battery and sensor in same fixture. 4ft Fixture with uplight not available with integrated battery and SR and 5LT drivers in same fixture

Finish	Run Length
W= White **S**= Silver **B**= Black **CC**= Custom Color	**4**= 4 ft **6**= 6 ft **8**= 8 ft **XX**= Specify Run Length
Notes CC=must denote RAL color number Consult factory for custom finishes.	**Notes**

Product Specifications

Construction
- Single-piece extruded aluminum housing
- 3.2" x 3.2" profile with 1/2" wall mounting bracket.
- Die-formed 20 gauge cold rolled steel LED tray
- Driver accessible from above

End Caps
- Die cast aluminum end caps allow for expansion of lens to eliminate light leak
- Attach mechanically to the end of the fixture without exposed fasteners
- End cap adds 1" at each end

Lengths
- Available in 4 ft, 6 ft, and 8ft sections
- Modular design eliminates the need for starter, intermediate, and end of run sections
- See table on page 5 for continuous row length breakdowns

Finish
- Electrostatically applied polyester powder coat paint
- White, Silver, or Black finish offered as standard
- RAL custom colors are available

Mounting
- Fixture mounts directly to structure over a 2 x 4 inch standard electrical box mounted horizontally into the wall
- Wall bracket design allows fixture to hang while wiring connections are made
- Power feed location located on left side of each unit
- All sections are continuously wired with push-in connectors for fast installation
- Fixtures can be joined for straight continuous runs using rigid alignment feature

Shielding
- BB(Black) and WB(White): Injection molded, contoured, segmented baffles with for low UGR values and improved visual comfort.

Optics
- Precision engineered TIR optics on upper and lower LED light engines for optimal light distribution and low glare
- 110˚ peak candela angle in indirect distribution
- 80° beam angle direct distribution with 45° cutoff

LED and Light Engine
- LEDs are available in 3000K, 3500K, 4000K
- CRI standard ≥90CRI
- Lumen output will be affected - please refer to the lumen adjustment factor tables
- TM21 life at 60,000 hours up to L85 and calculated theoretical L70 exceeds 135,000 hrs.
- Drivers available in 120-277V and 347V

Integrated Controls
- 0-10V dimming to 1% standard
- WaveLinx sensor compatible for IoT capability
- Enlighted sensor compatible for IoT capability
- DALI 2.0 and Lutron dimming available
- WaveLinx Lite compatible for out-of-the-box functionality

Emergency Options
- Emergency circuit option operates entire downlight portion of a specified unit (4 ft, 6 ft, or 8 ft)
- Optional 6-watt 120-277V integral emergency battery illuminates a 4 ft. down-light section
- 90-minute backup period
- Test switch/indicator button located on the bottom side of the luminaire
- 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 6 = 600 lumens)
- Battery is self-testing
- UL 924 emergency/generator transfer options available

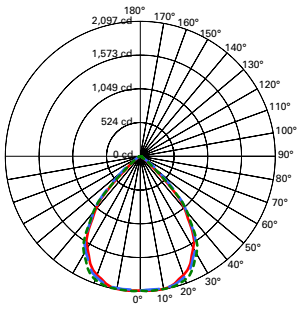
Weight
- <3 lbs. per foot

Compliance
- cULus listed for damp locations
- RoHS compliant
- ADA compliant for wall mount installation
- Tested to IESNA LM-79 and LM-80
- Can be used for State of California Title 24 high efficacy luminaire
- Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
- L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours

Warranty
- Five year warranty standard www.cooperlighting.com/legal

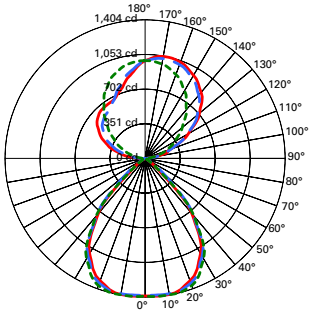
Photometric Data

View IES files



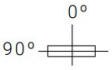
FILE NAME:
DL2W-WB-M-0U-075D-935-UNV-STD-W-WM-4
LUMENS: 3262.9 Lm
WATTS: 27.6 W
EFFICACY: 118.2 Lm/W
TEST NO.: P709365
0% UP / 100% DOWN

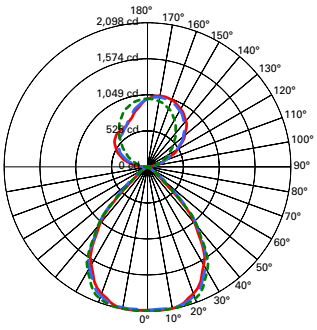
0°-180°
45°-225°
90°-270°



FILE NAME:
DL2W-WB-M-075U-050D-935-UNV-STD-W-WM-4
LUMENS: 5087.1 Lm
WATTS: 41.7 W
EFFICACY: 122.0 Lm/W
TEST NO.: P709350
57% UP / 43% DOWN

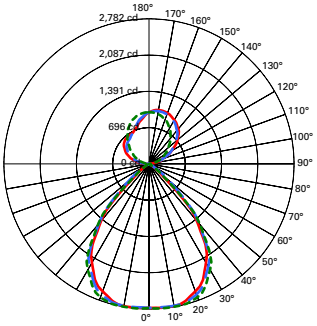
0°-180°
45°-225°
90°-270°





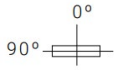
FILE NAME:
DL2W-WB-M-075U-075D-935-UNV-STD-W-WM-4
LUMENS: 6159.5 Lm
WATTS: 51.2 W
EFFICACY: 120.3 Lm/W
TEST NO.: P709353
47% UP / 53% DOWN

0°-180°
45°-225°
90°-270°



FILE NAME:
DL2W-WB-M-075U-100D-935-UNV-STD-W-WM-4
LUMENS: 7254.3 Lm
WATTS: 61.7 W
EFFICACY: 117.6 Lm/W
TEST NO.: P709356
40% UP / 60% DOWN

0°-180°
45°-225°
90°-270°



Note: Refer to IES files for more product data.

Energy and Performance Data

DL2W Performance (80CRI, 3500K)(1)								
Optic	CRI/ CCT	Lumen Package	Lumens/ft Up	Lumens/ft Down	Lumens/ft Total	W/ft Total	Lm/W	Distribution (up%/down%)
BB	935	0U-050D	0	502	502	4.5	111	0% / 100%
BB	935	0U-075D	0	748	747	6.9	108	0% / 100%
BB	935	0U-100D	0	999	998	9.5	105	0% / 100%
BB	935	0U-125D	0	1250	1249	12.5	100	0% / 100%
BB	935	025U-050D	243	503	745	6.4	116	33% / 67%
BB	935	025U-075D	243	749	991	8.8	113	24% / 76%
BB	935	025U-100D	243	1003	1245	11.4	109	19% / 81%
BB	935	025U-125D	243	1238	1480	14.3	103	16% / 84%
BB	935	050U-050D	476	502	978	8.3	119	49% / 51%
BB	935	050U-075D	476	748	1224	10.6	115	39% / 61%
BB	935	050U-100D	476	999	1474	13.3	111	32% / 68%
BB	935	050U-125D	476	1246	1722	16.2	106	28% / 72%
BB	935	075U-050D	724	503	1226	10.4	118	59% / 41%
BB	935	075U-075D	724	748	1471	12.8	115	49% / 51%
BB	935	075U-100D	724	999	1722	15.4	112	42% / 58%
BB	935	075U-125D	724	1246	1969	18.4	107	37% / 63%
BB	935	100U-050D	969	503	1471	12.8	115	66% / 34%
BB	935	100U-075D	969	749	1717	15.2	113	56% / 44%
BB	935	100U-100D	969	999	1968	17.8	111	49% / 51%
BB	935	100U-125D	969	1247	2215	20.7	107	44% / 56%
BB	935	125U-050D	1228	503	1731	15.5	111	71% / 29%
BB	935	125U-075D	1228	748	1976	17.9	110	62% / 38%
BB	935	125U-100D	1228	999	2227	20.5	108	55% / 45%
BB	935	125U-125D	1228	1247	2474	23.5	106	50% / 50%
BB	935	150U-050D	1457	503	1959	18.3	107	74% / 26%
BB	935	150U-075D	1457	748	2205	20.7	107	66% / 34%
BB	935	150U-100D	1457	994	2451	23.2	106	59% / 41%
BB	935	150U-125D	1457	1249	2705	26.1	104	54% / 46%
WB	935	0U-050D	0	549	548	4.5	121	0% / 100%
WB	935	0U-075D	0	816	816	6.9	118	0% / 100%
WB	935	0U-100D	0	1091	1090	9.5	114	0% / 100%
WB	935	0U-125D	0	1363	1362	12.4	110	0% / 100%
WB	935	025U-050D	243	549	791	6.4	124	31% / 69%
WB	935	025U-075D	243	817	1059	8.8	121	23% / 77%
WB	935	025U-100D	243	1091	1332	11.4	117	18% / 82%
WB	935	025U-125D	243	1361	1602	14.3	112	15% / 85%
WB	935	050U-050D	476	549	1024	8.3	124	46% / 54%
WB	935	050U-075D	476	817	1293	10.6	122	37% / 63%
WB	935	050U-100D	476	1091	1566	13.3	118	30% / 70%
WB	935	050U-125D	476	1361	1836	16.2	114	26% / 74%
WB	935	075U-050D	724	549	1272	10.4	122	57% / 43%
WB	935	075U-075D	724	817	1540	12.8	120	47% / 53%
WB	935	075U-100D	724	1091	1814	15.4	118	40% / 60%
WB	935	075U-125D	724	1361	2083	18.3	114	35% / 65%
WB	935	100U-050D	969	549	1517	12.8	119	64% / 36%
WB	935	100U-075D	969	817	1785	15.2	118	54% / 46%
WB	935	100U-100D	969	1091	2059	17.8	116	47% / 53%
WB	935	100U-125D	969	1361	2329	20.7	113	42% / 58%
WB	935	125U-050D	1228	549	1777	15.5	114	69% / 31%
WB	935	125U-075D	1228	817	2045	17.9	114	60% / 40%
WB	935	125U-100D	1228	1091	2318	20.5	113	53% / 47%
WB	935	125U-125D	1228	1361	2588	23.4	110	47% / 53%
WB	935	150U-050D	1457	549	2005	18.3	110	73% / 27%
WB	935	150U-075D	1457	817	2273	20.7	110	64% / 36%
WB	935	150U-100D	1457	1091	2547	23.3	109	57% / 43%
WB	935	150U-125D	1457	1361	2817	26.2	108	52% / 48%

Lumen Adjustment & Melanopic Ratios

CCT	3000K	3500K	4000K
CRI	90+	90+	90+
Lumen Multiplier	0.962	1.000	1.058
Melanopic Ratio		0.645	0.75

Example Calculation:

025U-075D / 3500K / 80 CRI
Lumen Output selected = 1013 lms/ft

3500K / 90 CRI Desired
Lumen Adjustment Factor = .795

Adjusted Lumen Output = 1013 lms/ft x .795 = 805 lms/ft

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	>84%	121,000

Color Data (3500K CCT)

		90CRI
TM-30-15	R_f	91.3
	R_g	98.4
TM-30-15	R_a	94.6
	R_9	70.2

Note:

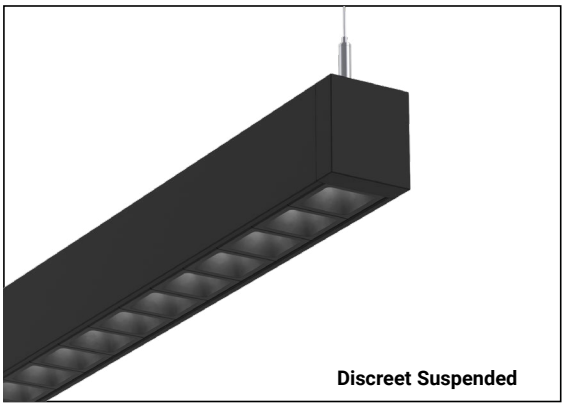
(1) For technical data of other configurations please see photometric section on website or click link at top-right.

Standard Row Configurations

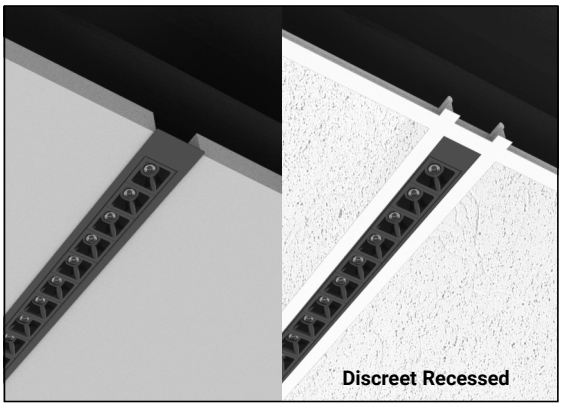
Fixture Length	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'	38'	40'	42'	44'	46'	48'	50'
4'	1			1	1			1	1			1	1			1	1			1	1			1
6'		1		1		1		1		1		1		1		1		1		1		1		1
8'			1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5

Fixture Length	52'	54'	56'	58'	60'	62'	64'	66'	68'	70'	72'	74'	76'	78'	80'	82'	84'	86'	88'	90'	92'	94'	96'	98'	100'
4'	1			1	1			1	1			1	1			1	1			1	1			1	1
6'		1		1		1		1		1		1		1		1		1		1		1		1	
8'	6	6	7	6	7	7	8	7	8	8	9	8	9	9	10	9	10	10	11	10	11	11	12	11	12

Companion Offering



Discreet Suspended



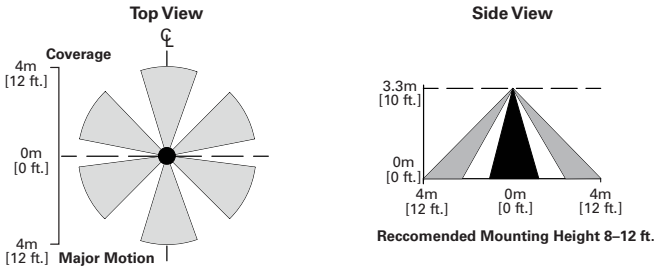
Discreet Recessed

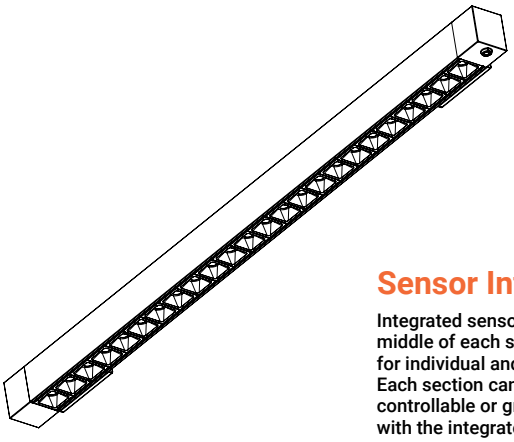
Control Systems

- WaveLinx Wireless
- WaveLinx Wired
- WaveLinx Lite
- Enlighted
- iLumin Plus
- VividTune

Connected Systems CLICK HERE

The Discreet Wall with Integrated Sensor technology provides automatic energy savings without sacrificing performance. The DL2W delivers superior lighting with integrated occupancy and daylighting controls. For standalone and controlled applications, the WaveLinx Lite integral sensor provides out-of-the-box functionality with no gateways required and factory startup is not needed. When more connectivity is required, the Wavelinx Wireless sensor delivers potential energy and cost savings, while enabling buildings to become smart buildings. The WaveLinx Wireless Connected Lighting System combined with Trellix provides an open IoT platform and infrastructure that connects intelligent sensors leveraging the real-estate of the physical light fixture to solve higher complexity problems to deliver actionable insights through the aggregation of valuable data.
For additional information integrated sensors and connected lighting, please visit Cooper Lighting Solutions' Connected Lighting Website.





Sensor Integration

Integrated sensors are located in the middle of each section (4', 6', or 8') for individual and continuous runs. Each section can be individually controllable or grouped together with the integrated sensors.

Systems comparison chart

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




	Standalone	Controlled WaveLinx Lite	Connected WaveLinx Wireless	Enterprise Trellix
Occupancy	Yes	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes	Yes
Gateways	–	–	1 WAC	300 WACs
Devices	–	50 per Area (1400 per site)	150 per WAC	45,000 per Core Enterprise
Software	–	WaveLinx Lite Mobile App	WaveLinx Mobile App	Trellix Core
Areas	–	28 per Site	16 per WAC	up to 4,800
Zones	–	16 per Area	16 per Area	up to 76,800
Scheduling	–	–	Local	Global
VividTune™	–	–	Yes	Yes
Plug-Load Control	–	–	Yes	Yes
Integration	–	–	–	BACnet, API
Dashboards	–	–	–	Energy, Occupancy
Configuration	–	Installer	Technician	Technician / IT

SCALABILITY

devices → areas → floors → buildings

Driver Availability

	'STD' 0-10V, UNV Qty of Drivers			'5LT' DALI / 'SR' Qty of Drivers			'LH' Lutron Qty of Drivers			'STD' 0-10V, 347V Qty of Drivers		
Lumen Package	**4'**	**6'**	**8'**	**4'**	**6'**	**8'**	**4'**	**6'**	**8'**	**4'**	**6'**	**8'**
0U-025D	1	1	1	1	1	1	1	1	1	1	1	1
0U-050D	1	1	1	1	1	1	1	1	1	1	1	1
0U-075D	1	1	1	1	1	1	1	1	1	1	1	1
0U-100D	1	1	1	1	1	1	1	1	1	1	1	1
0U-125D	1	1	2	1	1	2	1	1	2	1	1	2
025U-025D	2	2	2	2	2	2	N/A	2	2	2	2	2
025U-050D	2	2	2	2	2	2	N/A	2	2	2	2	2
025U-075D	2	2	2	2	2	2	N/A	2	2	2	2	2
025U-100D	2	2	2	2	2	2	N/A	2	2	2	2	2
025U-125D	2	2	3	2	2	3	N/A	2	3	2	2	3
050U-025D	2	2	2	2	2	2	2	2	2	2	2	2
050U-050D	2	2	2	2	2	2	2	2	2	2	2	2
050U-075D	2	2	2	2	2	2	2	2	2	2	2	2
050U-100D	2	2	2	2	2	2	2	2	2	2	2	2
050U-125D	2	2	3	2	2	3	2	2	3	2	2	3
075U-025D	2	2	2	2	2	2	2	2	2	2	2	2
075U-050D	2	2	2	2	2	2	2	2	2	2	2	2
075U-075D	2	2	2	2	2	2	2	2	2	2	2	2
075U-100D	2	2	2	2	2	2	2	2	2	2	2	2
075U-125D	2	2	3	2	2	3	2	2	3	2	2	3
100U-025D	2	2	2	2	2	2	2	2	2	2	2	2
100U-050D	2	2	2	2	2	2	2	2	2	2	2	2
100U-075D	2	2	2	2	2	2	2	2	2	2	2	2
100U-100D	2	2	2	2	2	2	2	2	2	2	2	2
100U-125D	2	2	3	2	2	3	2	2	3	2	2	3

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Specifications and dimensions
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