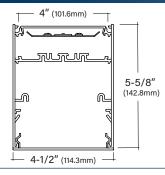
ate _____Type









EDGE EX41

4" Suspended Indirect Linear

Key Features

- 6063-T6 Extruded aluminum housing
- Room side maintance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 20 lbs. for a standard 4' fixture
- Buy American Act compliant
- Run lengths Available to an 1/8"
- Indigo-Clean available, see Indigo-Clean specification sheets for details
- Product transparency with third-party verified Living Building Challenge (LBC) <u>Declared</u>













Example Part #: EX4I-N-HE-830HO-26'-AC48G1-U-FSD-1-0-W

EX4I - N DIRECT LENGTH INDIRECT CRI, CCT & MOUNTING VOLTAGE DRIVER CIRCUITING **BATTERY &** FINISH **FIXTURE** SHIELDING SHIELDING **EMERGENCY** SOURCE **OPTIONS**

N			
DIRECT SHIELDING	INDIRECT SHIELDING	SOURCE QŞ₊¹	LENGTH ²
N - None Shielding pg. 2	HE - High Efficiency Q \S BW - Batwing Q \S WHE - Asymmetric Q \S HEA - Ascent MOD - Mod options available Shielding pg. 2	_ 30 3000K	Individual Fixture QS, Continuous Row QS, MOD - Mod options available Length pg. 3

	_		_
MOUNTING ³	VOLTAGE	DRIVER	CIRCUITING
ACG (M) AC to Grid QSACJB - (M) AC to J Box QSACST - (M) AC to Structure QS_AC5G5" Non-Power Canopy AC5JB - 5" Non-Power Canopy SQG5" Square Canopy SQJB - 5" Square Canopy WA - Wall Mount QSMOD - Mod options available Mounting pg. 3	U - Universal (120 thru 277V) Q 5 , 1 - 120V Q 5 , 2 - 277V Q 5 , 3 - 347V Voltage pg. 4	FSD - Factory Select Driver (1%, 0-10v) QS. PL2 - Advance Xitanium (1%, 0-10v) OL2 - eldoLED Optotronic (1%, 0-10v) OL4 - eldoLED Optotronic 347v (1%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1- Lutron Hi-lume (1%, EcoSystem) PR1 - Advace Xitanium SR MOD - Mod options available Driver pg. 4	1 - Single Circuit QS, M - Multi Circuit E - Emergency (entire fixture) QS, N - Night Light (entire fixture) QS, Circuiting pg. 5

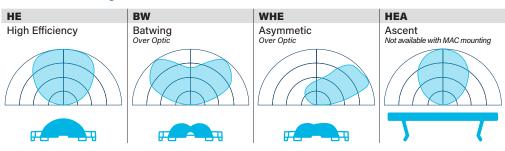
BATTERY & EMERGENCY4	FINISH	FIXTURE OPTIONS ⁵	CONTROLS ⁶
O - None QSFSB - Factory Select Battery QSFSG - Factory Select ALCR GI - lota ETS DR _GB - Bodine GTD _IC - lota 10W Integral P - Bodine 10W Integral E - Emergency Section _N - Night Light Section _L - Life Safety Section _Battery and Emergency on 5	W - White $Q \$ S - Metallic Silver $Q \$ BL - Textured Black $Q \$ BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg.</i> 5	QS - Quick Ship QS, DSP - Customer Supplied Battery/Driver/ Sensor MOD - Mod options available Fixture Options pg. 6	DLMFC - Wattstopper DLM (wired) DLMFS - Wattstopper LLLC (wireless) EASYS - Philips EasySense (wireless) SNSLM - Encelium Sensilum (wireless) WVLX - Eaton Wavelinx (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL Enlighted (wireless) MOD - Mod options available Controls pg. 6

1When specifying SOURCE the first _ is for specifying either 8 - 80CRI, or 9 - 90CRI. The ending _ are for specifying output, example HO - High Output. See output charts for more information. 2Individual fixtures come in 2, 3, 4, 5, 6, 7' & 8' lengths. Continuous row come in 1/8" increments. For Mod layouts specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. 3Specify AC Cable: Standard single AC = AC or Movable AC = MAC; Specify AC length standard AC is 48"; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot. Example: AC48G1 4Enter quantity for Battery and Emergency, Example 2P. 5QS must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. 6. Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.

Direct Shielding

N None

Indirect Shielding



Shielding: MOD Options

- Specify MOD in the part number for any of the below options
- Consult factory for MOD specification details, pricing, and lead-time information

MOD Clear lens overlay

Source: White LED1

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory

90 CRI = R9≥50

Custom Output - Lumens OR Wattage

CL	Specify CRI, CCT and desired lumens (i.e. CL835500)	Specify lumens between standard offering listed below. Lumens are specified per color temp
CW	Specify CRI, CCT and desired wattage (i.e. CW9407)	Specify watts between standard offering listed below

80 CRI

90 CRI

	Color	Lumens	Shield	ing¹						
		per foot	HE	_	BW		WHE		HEA	
			High Eff	iciency	Batwing		Asymme	etric	Ascent	
			LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
830	3000K	500	140	3.6	131	3.8	119	4.2	125	4.0
830HO	3000K	750	146	5.1	135	5.5	119	6.3	125	6.0
830VHO	3000K	1000	147	6.8	137	7.3	122	8.2	128	7.8
835	3500K	500	145	3.4	135	3.7	123	4.1	125	4.0
835HO	3500K	750	151	5.0	141	5.3	122	6.1	129	5.8
835VHO	3500K	1000	148	6.8	141	7.1	126	8.0	133	7.5
840	4000K	500	145	3.4	135	3.7	123	4.1	125	4.0
840HO	4000K	750	151	5.0	141	5.3	122	6.1	129	5.8
840VHO	4000K	1000	148	6.8	141	7.1	126	8.0	133	7.5

927	2700K	500	118	4.2	110	4.5	99	5.1	102	4.9
927HO	2700K	750	118	6.4	110	6.8	98	7.6	104	7.2
927VHO	2700K	1000	121	8.3	113	8.9	100	10.0	105	9.5
930	3000K	500	124	4.0	120	4.2	105	4.7	111	4.5
930HO	3000K	750	129	5.8	120	6.3	107	7.0	111	6.8
930VHO	3000K	1000	132	7.6	123	8.2	108	9.3	114	8.8
935	3500K	500	124	4.0	120	4.2	105	4.8	111	4.5
935HO	3500K	750	128	5.8	119	6.3	107	7.0	110	6.8
935VHO	3500K	1000	132	7.6	122	8.2	107	9.3	113	8.8
940	4000K	500	124	4.0	120	4.2	105	4.8	111	4.5
940HO	4000K	750	128	5.8	119	6.3	107	7.0	110	6.8

122

8.2

107

9.3

113

8.8

Source: MOD Options

940VHO 4000K 1000

- Specify MOD in the part number for any of the below options
- All RGB_ Source Options will require specific driver and control

132

7.6

• Consult factory for MOD specification details, pricing, and lead-time information

		Rquired Driver	Required Control
	Color Changing RGB LED	EC1/EC4	DMX
MOD	Color Changing RGB-W LED	EC1/EC4	DMX
	2 Channel Tunable White		

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Length

For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row



Specify to the 1/8

Length or Pattern: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for MOD specification details, pricing, and lead-time information

	Specify MOD for patterns, lengths or angles not shown above
MOD	45- 180 degree angles
	Single-piece welded housings up to 4' x 4'

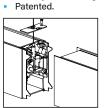
Mounting

- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable. Specify 48", 120", 240" or 350"
- End plates and standard white power cord attached at factory
- Aircraft cable (AC) mounts on 4' (1219.2mm) and 8' (2438.4mm) centers
- Maximum recommended movable mounting locations are 12" from end of 4' fixture and 18" from end of 8' fixture
- Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies

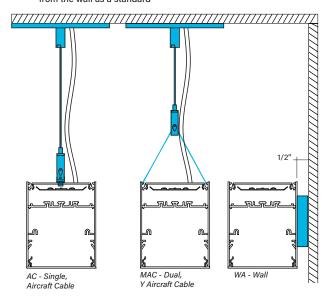
ACG1	Aircraft Cable 1" (15/16") T-Bar
ACG9	Aircraft Cable 9/16" T-Bar
ACGS	Aircraft Cable Screw Slot T-Bar
ACJB	Aircraft Cable Junction Box
ACST	Aircraft Cable Structure
AC5G_	Aircraft Cable 5" (127mm) Non-Power Canopy
AC5_JB	Aircraft Cable 5" (127mm) Non-Power Canopy
SQG_	Aircraft Cable 5" (127mm) Square Canopy
SQJB	Aircraft Cable 5" (127mm) Square Canopy
MACG1	Movable AC 1" (15/16") T-Bar
MACG9	Movable AC 9/16" T-Bar
MACGS	Movable AC Screw Slot T-Bar
MACJB	Movable AC Junction Box
MACST	Movable AC Structure
MAC5G_	Movable AC 5" (127mm) Non-Power Canopy
MAC5_JB	Movable AC 5" (127mm) Non-Power Canopy
MSQG_	Movable AC 5" (127mm) Square Canopy
MSQJB	Movable AC 5" (127mm) Square Canopy
WA	Wall Mount

Straight EDGE Joint System

- The Straight EDGE Joint comes standard for all runs.
- Two connection points one to cinch fixtures together, the other to perfectly align all fixtures in a run.
- Factory-installed light shields on both sides of the fixture ensure no light leaks.



- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 20 lbs for a standard 4' fixture
- MAC options not available with HEA lens option
- For a wall mounted fixture with an indirect asymmetric lens, light will be directed away from the wall as a standard



Mounting: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for MOD specification details, pricing, and lead-time information

MOD Recessed to Suspended

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Voltage

· Some EX2I configurations will not accommodate all voltage options; consult with factory

U	Universal
1	120 volt
2	277 volt
3	347 volt

Driver

- Standard Driver Option = FSD
 Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide

	•
0-10V Drivers	
FSD	Factory Select Driver 1%, 0-10v
PL2	Signify Advance Xitanium 1%, 0-10v
PL4	Advance Xitanium 347v 1%, 0-10v, requires 347v
OL2	eldoLED Optotronic, 1%, 0-10v
OL4	eldoLED Optotronic 347v, 1% 0-10v, requires 347v option
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE2	eldoLED ECOdrive 1%, 0-10v Linear
ES1	eldoLED SOLOdrive 0-10v, 0.1% Logarithmic
ES2	eldoLED SOLOdrive 0-10v, 0% Linear
OL5	Advance Xitanium 1%, 0-10v, AUX, Dim to Off
PL5	eldoLED Optotronic 1%, 0-10v, AUX , Dim to Off
DALI Drivers	
EE3	eldoLED ECOdrive 1%, DALI 2, Logarithmic, DT6
ES3	eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6
OD1	eldoLED Optotronic 1%, DEXAL
EE4	eldoLED ECOdrive 1%, DALI 2, Linear, DT6
ES4	eldoLED SOLOdrive 0.1%, DALI 2, Linear, DT6
PR1	Advance Xitanium SR, DALI 2, Self powered link
Lutron Drivers	5
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
Alternate Driv	rers
PS1	Signify Advance Xitanium Step Dimming 50%/100%
EH1	ELV 120v only, 0-10v universal

Drivers: MOD Options

- Specify MOD in the part number for any of the below options
- Consult factory for MOD specification details, pricing, and lead-time information

MOD	Power Over	r Ethernet

 Some EX4DI configurations will not accommodate all driver options; consult with factory

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EX4I_LED_SPEC_MARCH2025

How to Specify Circuiting, Battery and Emergency



- Select fixture circuiting from options below
- Some EX2I configurations will not accommodate all circuiting options, consult with factory

Circuiting

1	Single Circuit
M	Multi Circuit
E	Emergency Circuit only
N	Night Light Circuit only



- Battery and emergency section options are available in addition to fixture circuit
- Select battery and emergency section options below; factory shop drawing required
- Some EX2I configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency If Required

No battery or specific emergency section required

Battery

- Select battery section type if required, indicate total QTY. Example 2PL
- 90 minute battery runtime; test button location dependent on configuration, consult factory
- No battery option available for 2' or 3' lengths

Entire direct fixture	e housina i	s on batterv	v for lenaths	up to 5'

- Half of direct fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

0	No Battery
_FSB	Factory Select Battery 10w, Integral Lithium
_FSBST	Factory Select Battery 10w, Integral Lithium, Self Testing
_ILL	Bodine 10w, Integral Lithium, Self Testing
DII	Inta 10w Integral Lithium Self Testing

Emergency

- Select emergency section type if required, indicate total QTY. Example 1E
- Combine battery and emergency section ordering codes if both options are selected

FCC	Factoria Calant ALOR Francisco Control Device LINIV
_FSG	Factory Select ALCR Emergency Control Device, UNV
_GI	Iota ETS-DR, Emergency Control Device, UNV
_GB	Bodine GTD, Emergency Control Device, 120v or 277v
_E	Emergency circuit section
_N	Night Light circuit section
L	Life Safety circuit section NO THROUGH WIRE

For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- 92.3 (LPW) x 10 (watts) = 923 battery lumen output

Battery OR Emergency Ordering Examples

- Single circuit, 10w Integral Battery
- Emergency only, 10w Integral Battery
- Single circuit, GTD required

Ordering Code: 1-1FSB Ordering Code: E-1PLL

Ordering Code: 1-1GB

Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

W	White (white cord/white canopy)
S	Metallic Silver (white cord/silver canopy)
BL	Textured Black (black cord/black canopy)
BR	Bronze (white cord/bronze canopy)
GR	Graphite (white cord/graphite canopy)
CC	Custom Color (white cord/color match canopy)

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Fixture Options

Additional options to enhance the fixture and finish of the product

QS	Quick Ship
DSP	Customer Supplied Battery/Driver/Sensor

Fixture Options: MOD Options

- Specify MOD in the part number for any of the below options
- Consult factory for MOD specification details, pricing, and lead-time information

MOD	Remote Driver
IVIOD	End Power Feed

Quick Ship

Shielding	CRI, CCT & Output	Mounting		Volt	age	Drive	er	Cir	cuiting	Batte	ry	Fini	sh
10-Day													
HE BW WHE	80 CRI, all color tem- peratures, all lumen packages See pg 2		(M)AC to Grid (M)AC to J_BOX (M)AC to Stucture Wall Mount	U 1 2	Universal (120-277) 120V 277V	FSD	Factory Select Driver (1%, 0-10v)		Single Circuit Emergency Night Light	_FSB	None Factory Select Battery	W S BL	White Silver Black

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Black QuickShip only available in 4', 6', and 8' individual lengths. Consult factory for larger projects.

Controls

- Pinnacle Lighting offers easy to specify network control solutions that connect to an intelligent centralized system to maximize lighting energy efficiencies or integral sensors for individual fixture control
- Pinnacle Lighting fixtures ship technology ready; comissioning by others
- Controls can only be used with Single Circuit (1) or Emergency Circuit (E)
- Contact factory for any non-standard configurations for layout, placement, or FM options
- One drop per sensor typical, consult factory for more information

	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitations
DLMFC	Legrand Wattstopper DLM	LMFC-011	Digital Lighting Management (DLM)	Wired, two RJ45 ports	OL2, OL4	Not available with Battery
DLMFS	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1, 0-10v	0-10v requires interface
EASYS	Philips EasySense	SNS-210	Daylight/PIR Occupancy	Wireless to switches	PR1	Not available with 347 volt
SNSLM	Encelium Sensilum	EN-CLM-PIR-DD-ZB	Encelium, Daylight/PIR Occupancy	Wireless	OD1, OL1, OL2	Not available with 347 volt
WLVX	Eaton Wavelinx	SWPD1, NSP3IVMVDC1	WaveLinx WCL, Daylight	Wireless	Any 0-10v	Not available with 347 volt
VDO	Lutron Vive Sensor	DFCSJ-OEM-OCC	Vive, Daylight/PIR Occupancy	Wireless	OD1, PR1	Not available with 347 volt
VRF	Lutron Vive Connected	DFCSJ-OEM-RF	Vive	Wireless	OD1, PR1	Not available with 347 volt
ENLI	Enlighted	SU-5E-IOT, CU-4E	Enlighted, Daylight/PIR Occupancy	Wireless	Any 0-10v	Not available with 347 volt
ENLC	Enlighted	SU-5E-CL, CU-4E	Enlighted, Daylight/PIR Occupancy	Wireless	Any 0-10v	Not available with 347 volt

Controls: MOD Options

- Specify MOD in the part number for any of the below options
 Control Options may require specific driver. Refer to the chart below
- Consult factory for MOD specification details, pricing, and lead-time information

		Required Driver
	Encelium Sensilum	OD1, OL5
MOD	Enlighted (Wireless) - ENLI	Any 0-10v
MOD	Enlighted (Wireless) - ENLC	Any 0-10v
	Acuity nLight Air Wireless Connected	EE6, ES6

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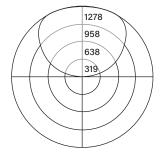
EX4I_LED_SPEC_MARCH2025 pg. 6

+

Photometrics

Open

Test # Scaled from ITL94462
Catalog # EX4I-HE-840VHO-4
Lumens 400 Im
Watts 27 W
Efficacy 148 LPW



Candela Distribution

Vert Angle	Horizontal Angle						
	0	22.5	45	67.5	90		
90	4	57	61	44	39		
95	47	121	153	120	105		
100	106	184	245	213	194		
105	175	252	341	338	324		
110	254	335	428	458	460		
115	352	428	522	561	575		
120	458	533	620	663	675		
125	579	642	727	763	778		
130	695	757	835	869	880		
135	807	861	946	976	986		
140	904	955	1048	1084	1093		
145	996	1029	1124	1171	1187		
150	1072	1095	1171	1220	1236		
155	1138	1149	1207	1243	1257		
160	1189	1194	1234	1258	1266		
165	1229	1230	1254	1268	1272		
170	1255	1257	1267	1275	1276		
175	1270	1271	1273	1275	1277		
180	1275	1275	1275	1275	1275		

For all available IES files, please visit our website at pinnacle-ltg.com. Photometry testing in accordance to IESNA-LM-79-08 at an NVLAP accredited testing laboratory. Testing conducted at 25°C ambient conditions.

Applications & Certificates

Construction: 6063-T6 Extruded aluminum housing. Highly reflective steel white painted reflector.

Shielding: Diffuse snap-in acrylic lens, removable for maintenance.

Mounting: Aircraft cable and wall mount available. Select from 2 aircraft cable options. Select the straight aircraft cable that mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers or the movable adjustable Y-cable mount. The Y-Cable design allows for adjustable mounting locations. Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail. Canopies are painted white unless otherwise specified. Maximum fixture weight is 20 lbs. for a standard 4' fixture.

White LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. Luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. TM-21-21 Lifetime Rating L70 = >72,000 hours, L90 = 69,700 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at pinnacle-ltg.com.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify PL4 or OL4 in Driver section when 347 volt (3) is selected. Some EDGE configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Factory Select Driver 0-10V, 1% = FSD. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 122°F/50°C. For more driver options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Multi circuit - For multiple circuiting and zone control, requires factory shop drawing (M), Emergency circuit (E), Life Safety (L) or Night Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some EDGE configurations will not accommodate all circuiting options; consult with factory.

Battery & Emergency: Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button location dependant on configuration, consult factory. For more Battery options, see Pinnacle Resource Guide.

Finish: Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes or for additional custom color and finish options.

Controls:Standard options available, refer to Controls section table for available options, component part number(s), connection type, required driver and limitations. Mod options available, consult with factory.

Labels: UL and cUL 2108 or 1598 listed depending on product configuration. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Sustainability: All models are Living Building Challenge (LBC) Declared with third-party verification. The Declare Label from ILFI provides transparent insights into materials, sourcing, and environmental impact, promoting informed, sustainable choices that benefit both people and the planet. View the label here.

Fixture Weight: Maximum fixture weight is 20lbs per 4' fixture.

Buy American Act Compliant

Warranty: EDGE LED offered with a 5-year limited warranty. Covers LED, driver and fixture

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