

DESCRIPTION

4 inch LED recessed medium beam downlight with 50° cut off specially designed for LED technology. Two-stage reflector system produces smooth distribution with excellent light control and low aperture brightness. Lumen packages include 900, 1300, 1800 and 2800 lumens with color temperatures of 2700K, 3000K, 3000K, 4000K.

Prepared by	Comments	Project	Catalog #	
	Date		Туре	

PORTFOLIOTM

SPECIFICATION FEATURES

lumen output with minimal source brightness. Available in all Portfolio Alzak® finishes. optical chamber provides superior combination with a lensed upper aluminum lower reflector in Self-flanged, spun .050" thick **Lower Shielding Reflector**

Trim Retention

flange tightly to the finished ceiling two torsion springs holding the Lower reflector is retained with

Plaster Frame / Collar

New Construction Housing: Die cast aluminum 1-1/2" deep collar accommodates ceiling materials

Universal Mounting Bracket Accepts 1/2" EMT, C channel and bar hangers and adjusts 5" vertically from above and below

the ceiling.

Junction Box
(4) 1/2" and (2) 3/4" trade size pry
outs positioned to allow straight

conductors and feed thru branch conduit runs. Listed for (8) #12 AWG (four in, four out) 90°C

Thermal

Extruded aluminum heat sink and long life. module for optimal performance conducts heat away from the LED

operating temperatures are exceeded. Color variation within 3-step MacAdam ellipses. Flexible 90 CRI. disconnect allows for tool-less replacement of LED engine from Rated for 50,000 hours at 70% LED system contains a plurality of high brightness white LED's below ceiling. Available in 80 or LED's are turned off when safe resetting, thermally protected lumen maintenance. Auto distribution with no pixilation transitional lens producing even upper reflector and convex combined with a high reflectance

Driver

serviced from above or through the 1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem. Driver can be aperture 120V trailing edge phase cut driver provides flicker free dimming from 100% to 10%. Optional Combination 120-277V 0-10V or

Code Compliance

LM 79 standards. LED life testing completed in accordance with LM 80 standards. listed for protected wet locations IP66 rated when used with IP66 air (CCEA) marking for plenum applications. EMI/RFI emissions gasket kit accessory. Optional City of Chicago environmental Compliant. Photometric testing consumer limits. Non-IC rated - Insulation must be kept 3" from per FCC 47CFR Part 18 Class B completed in accordance with IES top and sides of housing. RoHS Thermally protected and cULus

1800, 2800 Lumen LED

900, 1300 Lumen LED

LD4A18

LD4A09

LD4A13 LD4A28 4LM

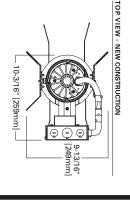
Warranty

Medium Beam Downlight

4-Inch

New Construction

5 year warranty



9

5-11/16" [144mm]

900,1300 Lumen NEW CONSTRUCTION

5-11/16" [144mm]

5-1/8" [130mm] 4-1/2" [115mm]

00

TOP VIEW - NEW CONSTRUCTION WITH BATTERY 16" [406mm] 13-7/8" [352mm]

Cooper Lighting

·5-11/16" [144mm] 5-1/8" [130mm]-

Note: Max Opening 4-3/8" [111mm]

1800, 2800 Lumen NEW CONSTRUCTION

4-1/2" [115mm]

7-11/16" [195,3mm]

9

by FIN

Specifications and dimensions subject to change without notice.

Consult your representative for additional options and finishes.

OCUEN GROSSMAN LIGHTING DESIGN

OCUEN GROSSMAN LIGHTING DESIGN

ADP110786 2014-10-21 14:10:55 OCEAN PRIME - BOSTON

S Report S

Refer to ENERGY STAR® Qualified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Title 20 Appliance Efficiency Database.

used to somply with T24







ORDERING INFORMATION

EXAMPLE: LD4A13D010TE ERM4A13835 4LM0LI=4" LED Medium Beam Reflector Lens, 1300 lumen, 3,500 K Color with Universal 120 - 277V, 0 - 10 Driver

	09=900 Lumens 13=1300 Lumens 18=1800 Lumens 28=2800 Lumens	LD4A=4" Aperture LD4ACP=4" Aperture, Chicago Plenum	Housing
DM 900 0r L	DL: 50%	900 D07 Tra D51 DEC	Lumens ¹
DMX=DMX Dimming 1-100% 900_1300 and 1800 Lumen D010TR=120-277V 0-10V 10% Dimming or Leading Edge 120V Dimming	Surbutz, 0-10V DL3=1 to 100% Dimming, 120-277V Lutron* Hi-Lune, Ecosystem or 3 Wire DLT=1 to 100% Dimming, 120V Lutron*	900, 1300, 1800 and 2800 Lumen D010TE=120-277V 0-10V 10% Dimming or Trailing Edge 120V Dimming D5LT=Fifth Light* (DALI) Dimming 1-100% DE010=1 to 100% Dimming, 120-277V	Driver
	with Integral Test Switch ³	EMBOD=Bodine® Emergency Module with Remote Test Switch³ IEMBOD=Bodine®	Options
Module for Medium Beam Reflector	ERM4A18=4", 1800 Lumen Module for Medium Beam Reflector	ERM4A09=4", 900 Lumen Module for Medium Beam Reflector ERM4A13=4", 1300 Lumen Module for Medium Beam	Power Module
		8=80 CRI 9=90 CRI	CRI
	36CP=3500° K, Chicago Plenum 40CP=4000° K, Chicago Plenum	27=2700° K 30=3000° K 35=3500° K 40=4000° K 40=4000° K, Chicago Plenum	Color

Reflector Lens Assembly, White Polymer Reflector LeSpecular Clear H=Semi-Specular Clear H=Semi-Specular Clear W=Gloss White	Finish Ll=Specular Clear H=Semi-Specular Clear	Finish Options Li=Specular Clear B=Specular Black H=Semi-Specular Clear W=Gloss White WF=White
Ll=Specular Clear H=Semi-Specular Clear WMH=Warm Haze	Finish Ll=Specular Clear B=Specular Black H=Semi-Specular Clear W=Gloss White WMH=Warm Haze	LI=Specular Clear B=Specular Black H=Semi-Specular Clear W=Gloss White WMH=Warm Haze W=Gloss White WMH=Warm Haze HB50=C-channel Bar Hanger, HB50=C-channel Bar Hanger, HB50=C-channel Bar Hanger, HB50=C-channel Bar Hanger,
L ish	B=Specular Black W=Gloss White	B=Specular Black W=Gloss White W=White Painted Flange W=MB26=C-channel Bar Hanger, HB26=C-channel Bar Hanger, HB50=C-channel Bar Hanger,
	B=Specular Black W=Gloss White	B=Specular Black W=Gloss White W=White Painted Flange Painted Flange Options HB26=C-channel Bar Hanger, 26" Long, Pair HB50=C-channel Bar Hanger, 100 Color
	Options Self-flanged Only WF= White Painted Flange	HB26=C-channel Bar Hanger, 26" Long, Pair HB50=C-channel Bar Hanger,

- Notes: 1 Nominal Lumens will vary depending on selected color, driver and reflector finish.

 2 Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).

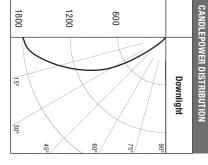
 3 Not available with Chicago Plenum.

ENERGY

Input Frequency: 50/60Hz	Maximum Non-IC Ambient Continuous	120V Input Current: .12A	Input Power: 22.4W	1300 Lumen D010TE	Input Frequency: 50/60Hz	Maximum Non-IC Ambient Continuous	120V Input Current: 36A	Input Power: 43.4W	2800 Lumen D010TE	Power Factor						
ncy: 50/60Hz	mbient Continuous	277V Input Current: .09A	THD: <20%	n D010TE	ncy: 50/60Hz	mbient Continuous	277V Input Current: .16A	THD: <17%	n D010TE	r: >0.90 (at nominal input 120	Input Voltage: U	EMI/RFI: FCC Title 47 CFR,	Minimum Starting Ten	(Values at non-dir	Sound Rating: C	ENERG
Input Freque	Maximum Non-IC	120V Input Current: .12A	Input Power: 14.1W	900 Lume	Input Freque	Maximum Non-IC	120V Input Current: .27A	Input Power: 31.5W	1800 Lum	Power Factor: >0.90 (at nominal input 120-277 VAC & 100% of Rated Output Power)	Input Voltage: UNV (120V - 277V)	EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)	Minimum Starting Temperature: -30°C (-22°F)	(Values at non-dimming line voltage)	Sound Rating: Class A standards	ENERGY DATA
Input Frequency: 50/60Hz	Maximum Non-IC Ambient Continuous	277V Input Current .06A	THD:<20%	900 Lumen D010TE	Input Frequency: 50/60Hz	Maximum Non-IC Ambient Continuous	277V Input Current: .06A	THD:<20%	1800 Lumen DO10TE	Jutput Power)						

	12	120V	27	27.7V
Lumens	Inrush (A)	Duration (ms)	Inrush (A)	Duration (ms)
900/1000	0.486	0.4	0.848	0.182
1300/1500	0.717	1.58	0.531	1.24
1800/2000	0.832	0.405	1.25	0.788
2800/3000	1.09	0.3	1.23	0.294

PHOTOMETRICS



#H	CONE DE LIGHT
0.79	SC
3500K	CCT
22.4	Watts
61.5 Lm/W	Efficacy
1377	Lumens
LD4A13D010TE ERM4A13835 4LM1H	LD4A13D010TE
P98003	Test Number

CONE OF LIGHT	GHT Initial	R	
Distance Fixture to Lighted Plane	Initial Footcandles at Nadir	Beam Diameter	
5'5"	58	4.2	
7'	36	5.4	
œ	27	6.2	
9	22	7.0	
10'	17	7.8	
12'	12	9.4	

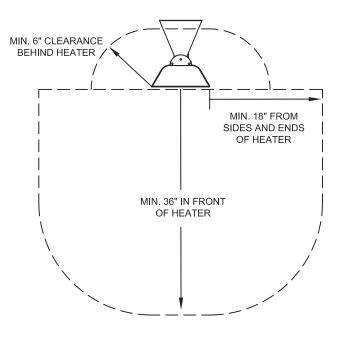
90	85	75	65	55	45	35	25	15	σı	0	Degrees Vertical	CANDELA	
0	0	2	6	18	100	442	978	1371	1719	1780	Candela	TABLE	

ONAL LUMEN SUMMARY	SUMMARY	
Zone	Lumens	%Fixture
0-30	984	71.5
0-40	1264	91.8
0-60	1369	99.4
0-90	1377	100
90-180	0	0
0-180	1377	100

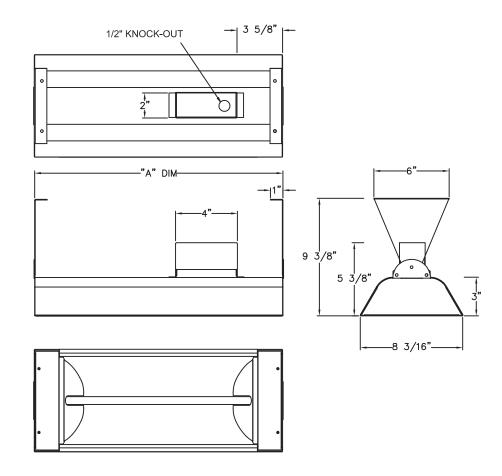
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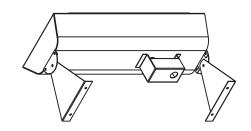
85	75	65	55	45	Degrees	Average Candella	LUMINANCE
0	565	1407	3126	13755	Luminance	Average 0°	

CLEARANCE FROM COMBUSTIBLES



MODEL	"A" DIM.	WATTS	VOLTS	AMPS	BTU's
W512	19"	500	120	4.2	1706
W7512	19"	750	120	6.3	2559
W1012	33"	1000	120	8.3	3412
W1512	33"	1500	120	12.5	5118
W2024	39"	2000	240	8.3	6824
W2524	39"	2500	240	10.4	8530
W3024	61 1/4"	3000	240	12.5	10236
W4024	61 1/4"	4000	240	16.7	13648
WD4024	39"	4000	240	16.7	13648
WD5024	39"	5000	240	20.8	17060
WD6024	61 1/4"	6000	240	25	20472
WD8024	61 1/4"	8000	240	33.4	27296





OTHER VOLTAGES ALSO AVAILABLE: 208, 277, 480



INFRATECH.

www.infratech-usa.com

15700 S. Figueroa St. Gardena, California 90248 Phone: (310) 354-1250 Fax: (310) 523-3674

DESCRIPTION

W-SERIES HEATER CAD DRAWING

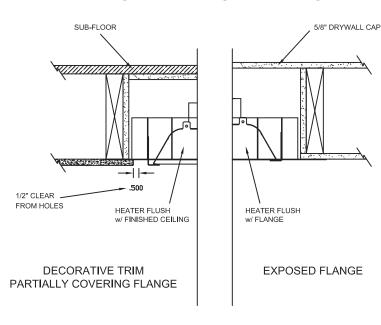
Feb. 3, 2010

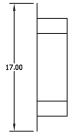
DRAWN BY: MD

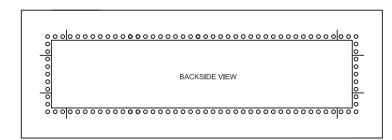
NONE

MINIMUM 43.00 2 X 8 STUDS 11.75 MINIMUM MINIMUM OPENING 5/8" DRYWALL OPENING 1 HOUR FIRE RATING LINE ENTIRE CAVITY (5 SIDES) FIXTURE WHIP w/ CONNECTORS CONNECTION MADE AT JUNCTION BOX 5/8" DRYWALL 1 HOUR FIRE RATING SUBFLOOR JUNCTION BOX ON TOP OR SIDE MIN. 2 x 8 ADJUSTABLE TABS SURFACE VIEW -47.00·

INSTALLATION TYPES







WARNINGS:

- This frame is ONLY to be used on a flat non-sloped ceiling.
- Heater must face straight down.
- Frame and Heater cannot be Installed on a pitched angle.

NOTES:

- Heater suspends (Gravity) by resting on adjustable tabs in flush mount fixture.
- Mounting holes on Surface Flange to be determined and drilled by Contractor/Installer.
- Supplied with Hi-Temp Fixture Whip and Hi-Temp Wire Nuts.
- Coil excess flex into heater cavity.
- Use Licensed Electrician ONLY



15700 S. Figueroa St. Gardena, California 90248 Phone: (310) 354-1250 Fax: (310) 523-3674

ITEM #: X-18-2300 304 S.S. #4 FINISH

DESCRIPTION: W-39 FLUSH MOUNT PLASTER FRAME (FOR USE WITH 39" HEATERS)

MATERIAL:

NOTES:

SUPPLIED w/ ELECTRICAL FIXTURE WHIP

DATE: SCALE: July 17, 2015

DRAWN BY: N/A

MD

Home / Our Designers / Ralph Lauren / Wall(View All) / Bath / Sackett Large Sconce







Sackett Large Sconce

DESIGNER: RALPH LAUREN

\$990.00

ITEM #RL 2157BZ AVAILABILITY: WITHIN 6 WEEKS

SPECIFICATIONS

Height: 29.5" Width: 5" Extension: 4.5"

Backplate: 5.5" Square Socket: 4 - E26 Keyless Wattage: 4 - 60 T



FINISH/SHADE

QTY

Bronze with Frosted Safety Glass

ADD TO CART

Add To Wishlist













Wet Location Incandescent Marquee -IECH I KAC IM N Q

> 220 - MB -Jonnet Cone:

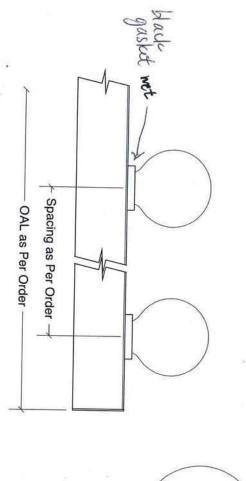
(Length)

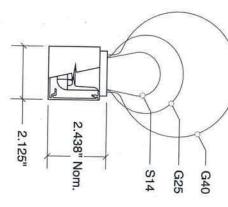
- WP

Fixture Type: XF4

MQ / MB

220 / MB - Surface Mount Lamps, Waterproof



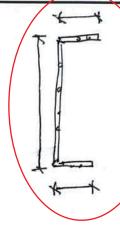


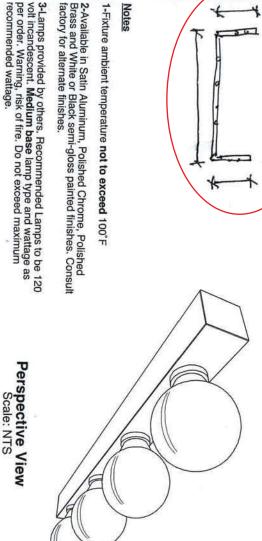
Side View

End View Scale: 1:4

Scale: 1:4

G25 Lamp Shown for Reference





Lamp Spacing

12

Other (Consult Factory)

Finishes

1-Fixture ambient temperature not to exceed 100°F

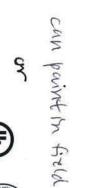
Perspective View Scale: NTS

6-Socket spacing as specified. For custom spacing, consult factory for lamp compatibility.

5-Mitering, mounting and bending options available. Consult factory for details.

4-Fixtures provided with Ø.875" knockouts for power feed.

7-For multiple circuit wiring consult factory



austan

WH White Paint BK Black Paint

PB Polished Brass PC Polished Chrome SA Satin Aluminum

Starfire Agent:

Date:

Drawing No:

0464

3

6 SIN Custom (specify)

7 Donna Drive, Wood-Ridge, NJ 07075 (201) 438-9540 FAX: (201) 438-9541 Starfire Lighting, Inc.

Project:

E-Mail: info@starfirelighting.com Toll Free: (800) 443-8823

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Specified by:

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09-22-03

Outdoor Original

HUNTER ORIGINAL® - 52" CEILING FAN

MODEL 23863 Black

Teak



HUNTER ORIGINAL® - 52" CEILING FAN

performance. never too late for you to join the fun. This product remains a classic that will elevate your home and amaze you with its bearings, virtually eliminating noise and wear. Many patrons have proudly hung their Hunter Originals for decades, and it's endurance. This powerful motor features a cast-iron housing and a unique oil bath system that constantly lubricates The one-of-a-kind Hunter Original® has been around for a long time yet it still brings superior performance for years of

- One-of-a-kind Hunter Original® motor promises years of quiet, trouble-free operation.
 This powerful motor features a cast-iron housing and a unique oil bath lubrication system that constantly lubricates bearings, virtually eliminating noise and wear
- Original Canopy
- Outdoor/Damp rated

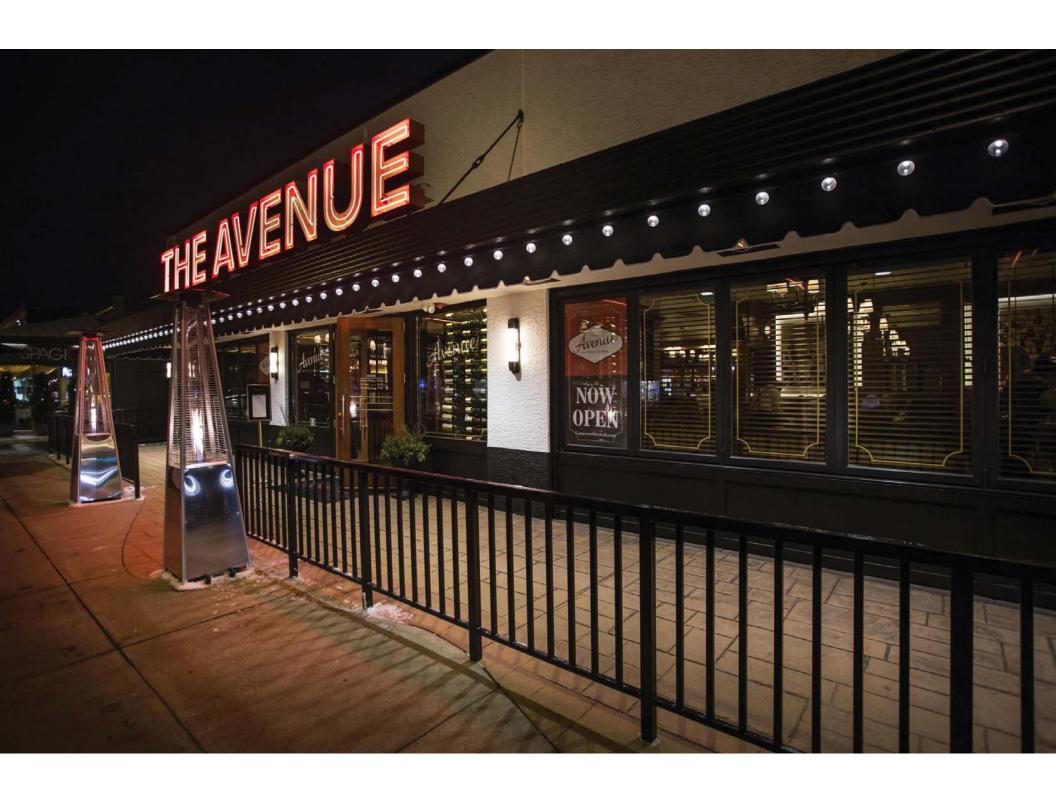
- 2.5" downrod included to ensure proper distance from the ceiling and optimize air movement
- Limited Lifetime Motor Warranty is backed by the only company with over 125 years in the fan business

	Dimensions
a 13.67 in b 11.60 in c 3.26 in d 12.53 in e 5.50 in f -	
Airflow 7560 cfm Electricity Use 85 watts Airflow Efficiency 89 cfm/watt	Energy Information

Standard dimensions: with 3 inch downrod (included)
Angled dimensions: with 36 inch downrod (not included)

Running at high speed

Hunter









ThermoVeil® Dense Basket Weave Shadecloth 1300 Series

The ThermoVeil® Dense Basket Weave Shadecloth 1300 Series is a technically advanced material woven in a 2x2 wide range of colors. basket-weave pattern and available in a

Stocked: 63 in. (160cm), 96 in. (244cm). Content: 75% vinyl, 25% polyester core Openness factor: approx. 5%

NFPA 701-2004: passed and 126 in. (320cm) wide



PROPOSED COLOR

1313 Grey 6

1316 Eggshell

6

1317 Straw

1301 White

1302 Beige =

6

1319 Silver Birch

1320 Shadow Grey 🚙

1304 Black/Brown

ThermoVeil® Dense **Basket Weave** Shadecloth 1500 Series

Shadecloth 1500 Series has a 3% openness factor. Its shadecloth colors match the eight densities for sun control. basket weave provides a uniform scrim effect at the window wall with appropriate woven in a 2x2 basket-weave pattern. The Both technically advanced materials are colors of the 1300 Series, which is 5% open The ThermoVeil® Dense Basket Weave

1513 Grey

6

1501 White

5

Stocked: 63 in. (160cm), 96 in. (244cm), and Openness factor: NFPA 701-2004: passed 126 in. (320)cm) wide Content: 75% vinyl, 25% polyester core 3%







1516 Eggshell 5

1519 Silver Birch

1517 Straw

1502 Beige

5

1504 Black/Brown

1520 Shadow Grey

ThermoVeil® Open **Basket Weave** Shadecloth 2100 Series

The 2113 Grey is a representative swatch. same color range as these two series Shadecloth 2100 Series has a more open weave, (10%) than the 1300 and 1500 Series and is available in the The ThermoVeil® Open Basket Weave

Stocked: 63 in. (160cm) and 96 in. Openness factor: approx. 10% Content: 75% vinyl, 25% polyester core

2120 Shadow Grey

2104 Black/Brown

2113 Grey

2119 Silver Birch

2102 Beige

2116 Eggshell

2117 Straw

2101 White

2113 Grey

NFPA 701-2004: passed To request 4 x 4 in. (10 x 10cm),

 8×10 in. (20 \times 25cm), or 24×24 in. (61 \times 61cm) samples, send an e-mail to:

samples@mechoshade.com.

Other widths may be available on special order. Minimums and lead times apply

42-03 35th Street, Long Island City, NY 11101 MechoShade Systems, Inc.

MechoShadeSystems.com marketing@mechoshade.com T: +1 (718) 729-2020 F: +1 (718) 729-2941/+1(800) 899-8081

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The Architect's Choice