


















Luminaire Schedule		Qty	Label	Tag	Description	LLF	Lum. Watts	Lumens per Fixture
	5	LSWF1C1UNV - 18000LM 4000K	E1	Lumen Select Wall Pack Full -cutoff, 120-277V, 18000lm, 150W, 80CRI, 4000K	0.935	150	18891	
	2	LSWF1C1UNV - 15000LM 4000K	E1	Lumen Select Wall Pack Full -cutoff, 120-277V, 15000lm, 111W, 80CRI, 4000K	0.935	111	14987	
	1	LSWF1C1UNV - 12000LM 4000K	E2	Lumen Select Wall Pack Full -cutoff, 120-277V, 12000lm, 83W, 80CRI, 4000K	0.935	83	11773	
	9	LSWF1B1UNV - 6000LM 4000K	E3	Lumen Select Wall Pack Full -cutoff, 120-277V, 6000lm, 45W, 80CRI, 4000K	0.935	45	6145	
	4	IAHP1D1xxxFD840xxT4 WM	F	ISON LED Area Light High Performance Gen 1, 180W, 31000 Lumens, 80CRI, 4000K, Ty	0.935	175.9	28329	
	8	IAHP1B1xxxFD840xxT3 WM	F1	ISON LED Area Light High Performance Gen 1, 113W, 19000 Lumens, 80CRI, 4000K, Ty	0.935	111.1	18191	
	5	IAHP1D1xxxFD840xxT4 SF	G2	ISON LED Area Light High Performance Gen 1, 180W, 31000 Lumens, 80CRI, 4000K, Ty	0.935	175.9	28329	
	2	IAHP1A1xxxFD840xxT3 SP	OA1	ISON LED Area Light High Performance Gen 1, 75W, 13000 Lumens, 80CRI, 4000K, Typ	0.935	76.37	12588	
	3	IAHP1A1xxxFDx40xxT3-BLS SP	OA1A	ISON LED Area Light High Performance Gen 1, 75W, 13000 Lumens, 4000K, Type III,	0.935	73.7579	12387	
	7	IAHP1B1xxxFDx40xxT3-BLS SP	OB1	ISON LED Area Light High Performance Gen 1, 113W, 19000 Lumens, 4000K, Type III,	0.935	112.744	18115	
	4	IAHP1B1xxxFD840xxT4 DP	OB2	ISON LED Area Light High Performance Gen 1, 113W, 19000 Lumens, 80CRI, 4000K, Ty	0.935	111.1	17518	
	1	IAHP1C1xxxFD840xxT4 SP	OC1	ISON LED Area Light High Performance Gen 1, 143W, 23000 Lumens, 80CRI, 4000K, Ty	0.935	138.9	21294	
	1	IAHP1C1xxxFD840xxT4 DP	OC2	ISON LED Area Light High Performance Gen 1, 143W, 23000 Lumens, 80CRI, 4000K, Ty	0.935	138.9	21294	
	4	IAHP1C1xxxFD840xxT5 QP	OC4	ISON LED Area Light High Performance Gen 1, 143W, 23000 Lumens, 80CRI, 4000K, Ty	0.935	138.9	22186	
	4	IAHP1D1xxxFD840xxT4 SP	OD1	ISON LED Area Light High Performance Gen 1, 180W, 31000 Lumens, 80CRI, 4000K, Ty	0.935	175.9	28329	
	1	IAHP1D1xxxFD840xxT4 DP B2B	OD2	ISON LED Area Light High Performance Gen 1, 180W, 31000 Lumens, 80CRI, 4000K, Ty	0.935	175.9	28329	
	11	VTON2406LUNVFD840LAFGSS	VT1	VTON 2x4 6000 Lumens 120-277 Full Dimming 80CRI 4000K Lens Acrylic Frosted Gene	0.935	40.91428	6828	

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	FC Requirements
Building Drive Aisle	Illuminance	Fc	4.68	13.04	0.61	7.67	21.38	2-2.5 FC avg.
Building Security Zone Lvl 1-3	Illuminance	Fc	9.22	19.07	3.60	2.56	5.30	5 FC avg. 0.8 FC min.
Contractor Canopy	Illuminance	Fc	11.70	14.4	8.5	1.38	1.69	10 FC avg. 15 FC max. 2 FC min
Front Apron	Illuminance	Fc	10.33	14.98	5.95	1.74	2.52	10 FC avg.
Frontage Entry Drive	Illuminance	Fc	3.36	12.47	0.88	3.82	14.17	2-2.5 FC avg.
Garden Center Apron	Illuminance	Fc	7.81	14.83	4.17	1.87	3.56	8 FC min.
Lumber Loading	Illuminance	Fc	9.46	13.71	5.22	1.81	2.63	10 FC avg.
Main Entry Awning	Illuminance	Fc	11.62	14.3	9.9	1.17	1.44	10 FC avg. 15 FC max. 2 FC min
Parking Area	Illuminance	Fc	3.18	12.54	0.74	4.30	16.95	2-2.5 FC avg.
Property Line	Illuminance	Fc	0.61	5.08	0.05	12.20	101.60	0.5 FC max. COM. / 0.2 FC max. RES.
Truck Apron	Illuminance	Fc	7.58	14.0	2.8	2.71	5.00	20 FC avg.

LPD Area Summary			
Label	Area	Total Watts	LPD
Exterior LPD	316192	9902.984	0.031

Hours of Operation

Mon - Sat. 6am - 10pm
Sun. 8am - 9pm




ISON™ AREA LIGHT HIGH PERFORMANCE, GEN 1

IAHP1

Applications

The ISON IAHP1 industry leading lumen per watt performance maximizes energy savings and leads to the lowest total cost of ownership for exterior lighting. The ISON Area Light High Performance provides uniform distribution for area and site lighting in retail, commercial, and residential applications including driveway parking areas. Replaces up to 1200W HID industrial fixtures.

<p>Project Name:</p> <hr/> <p>Catalog Number:</p> <hr/> <p>Type:</p> <hr/> <p>Note:</p> <hr/> <p>Date:</p> <hr/>	<div style="text-align: right;">IP65 IP67</div> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>
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MAYNORTH@ORIONLIGHTING.COM

Construction & Design

- Type II, V and VI light distributions
- 13,000 to 41,000 Lumens
- Precision engineering less made of optical grade polycarbonate for maximum light intensity
- Tool-less access to electrical components for field maintenance and installation
- Eight lumen packages offered across three fixture sizes
- Anti-corrosion stainless steel housing
- Heavy duty one piece die cast aluminum housing with external thermal management
- Fixture comes standard in bronze, black white fixture housing available

Additional Options

- Multiple mounting options
- Light shield kit options

Electrical

- Available in 120V-277V and 277V-480V
- Factory wired for full dimming (0-10V)
- 10AWG/SA Surge Protection Standard
- Optional T8BA surge protection available
- Optional EDX auxiliary power provided with 7-pin NEMA receptacle
- Power Factor > .90*
- Total Harmonic Distortion < 20%*

*Note: Values based on option

Control and Sensor Options

- Photocell (not required) for field installation of photocell
- Photo control and occupancy sensor options
- Field or factory installed control and sensor options
- Remote Programming Sensors
- Onsite Network Programming Controls
- Internet/Cloud Based Network Programming Control

Lumen Maintenance

See Lumen Maintenance Table on page 2

Fixture Certification & Listings

- UL CUL Listed for Wet Locations
- RoHS Compliant Components
- IK10 Impact Rating
- Fixture in IP67 Rated
- Fixture in Series A IP65 Rated
- 3.0 x Vibration load rating per ANSI C136.3
- Den-Sky Approved 3000K CCT with fixed mounts only
- Title 24 Compliance when using design lights
- Design Lights Consortium premium qualified product
- Visit the [DLC DELC](#) for listed models

Warranty

See Orion's [Product Lifetime Warranty](#) for more details and information

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ISON™ AREA LIGHT HIGH PERFORMANCE, GEN 1


orion

HARRIS LUMEN SELECT WALL PACK, FULL CUTOFF, GEN 1


LSWF1

Applications

Ful cutoff light output is ideal for exterior walls, entrance ways, pathways and steps. The HARRIS LSWF1 delivers energy savings and reduced maintenance costs and ideally replaces any existing traditional style HID wall packs with similar look and size. It is the ultimate flexible wall pack fixture with lumen output and color temperature selection at the point of installation.



LSWF1-WALLPACK-EXCIBR-CP



PRECISE
LUMEN SELECT
FULL CUTOFF
WALL PACK GEN 1

Features

- Die-cast aluminum housing with UV stabilized powder coat finish for harsh outdoor environments.
- Bronze fixture housing color is standard. Black and white fixture housing colors available.
- UV resistant polycarbonate lens
- Two fixture sizes with selectable power/lumen between 3,000-18,000 lumen outputs provide flexibility to adjust the field to application
- 80 CRI minimum; CCT selectable between 3000K, 4000K or 5000K
- Latest generation of LED technology enables fixture to run at lower wattages resulting in additional energy savings
- Meets full cutoff requirements at 90° horizontal
- Battery back up option available (90 minutes At Full lumen package only)
- Integrated photocell standard
- PIE and Microwave sensor options

Electrical

- Available in 120V-277V
- 0-10v Continuous Dimming
- Power Factor >0.90
- Total Harmonic Distortion <20%
- 10KV/3KA Surge Protection Standard

Lumen Maintenance

See lumen maintenance table on page 2

Warranty





See Orion's [Product Limited Warranty](#) for more details and information

Ambient Operating Range

See ambient operating table on page 2

Fixture Certifications & Listings

- cUL/cULus Listed
- UL Wet Listed
- Dark Sky Compliant, 3000K must be selected to meet International Dark-Sky Association approval criteria
- DesignLight Consortium™
- Premium qualified luminaire
- Visit the [DLC QLS](#) for listed models

ORION 440 93360

ORION 440 93360



IP66

VAPORTIGHT NARROW BODY, GEN 2

VTON2


Applications


Durable, versatile high bay fixture suitable for demanding environments that require a lightweight seal such as food-processing facilities, milking parlor wash-down applications, and cooler/freezer environments.





VTN2001000014FWSWSSD

Project Name: Catalog Number: Type: Note: Date:







Construction & Design

- Durable, lightweight, white UL/VA reinforced fiberglass body
- Stainless steel 3/8 marine grade latches are standard stainless steel mounting brackets included with fixture purchase
- Available in 4' and 8' P
- Acrylic, impact resistant, linear ribbed frosted lens
- Various lumen outputs to meet required light levels

Electrical

- Available in 120V-277V, 347V, and 480V
- Hardwire power connection standard with all power connections available
- 20kV/10kA surge protection available
- Power Factor > 90*
- Total Harmonic Distortion < 0.9%*
- *Note: Varies based on option

Control and Sensor Options

- Factory installed control and sensor options
- Manual Programming Sensors
- Remote Programming Sensors

Fixture Certification & Listings

- UL/ULC Listed for Wet Locations
- UL/VA [P] fiberglass housing
- IP67
- IP66 when using Wbox or Wbox sensors
- IP65 when using Wbox sensor and NEMA 4X Housing
- High pressure washdown up to 500 PSI
- DesignLights Consortium® Standard qualified luminaires
- Visit the [DLC CLC](#) for listed models

Additional Options

- Cold Temperature option
- Multiple mounting methods for compatibility in most environments
- Factory Installed Battery Back Up available in 10W and 20W, Certified in CA Title 20

Warranty

See [Orion's Product Limited Warranty](#) for more details and information

Lumen Maintenance

See lumen maintenance table on page 2

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SUMMARY & NOTES

Page 1 of 3

IMPORTANT

1.) Presentation plans only. Not for construction use.

(1) GENERAL NOTES
CONFIDENTIAL INFORMATION Please Note: This data is based upon certain specific assumed reflectances and characteristics of the proposed environment. Any deviation from these reflectances or assumed characteristics may affect the actual performance of the luminaires. Based on the factors, Orion Energy Systems, Inc. can not guarantee these results.

2) NO OBJECTS CONSIDERED IN CALCULATIONS
UNLESS OTHERWISE NOTED ON THE PRINT.

3) STANDARD REFLECTION VALUES
CEILING: .8
WALLS: .5
FLOOR: .2
RACKING: .5
4) EXISTING CONTRIBUTING LIGHTING NOT
ACCOUNTED FOR IN THIS PHOTOMETRIC.



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The Home Depot		County Ord.	
P1351413 Venice, FL.			
THD New Construction		EXTERIOR	
DRAWING	DATE	DRAWN BY	REVIEWED BY
REV 0	07/10/25	ABH	MF
REV 1	07/25/25	ABH	MF
REV 2	07/31/25	ABH	MF
REV 3	08/05/25	ABH	MF

AREA LAYOUT

IMPORTANT

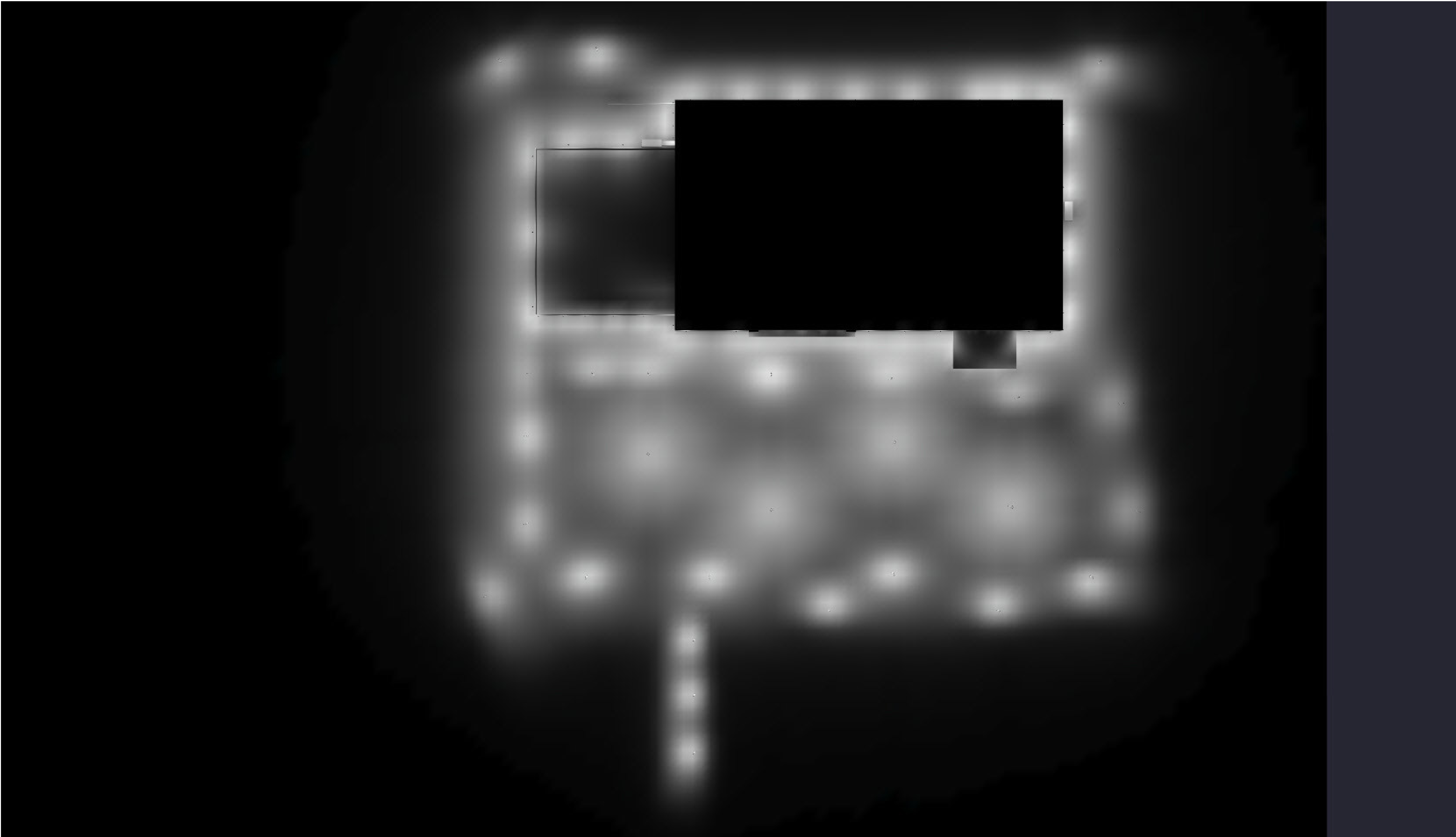
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RENDERING

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