LASER EVO 4
Downlight Integral

Project: _____

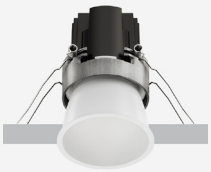
Type: _____

SHAPE OPTIONS

Cone



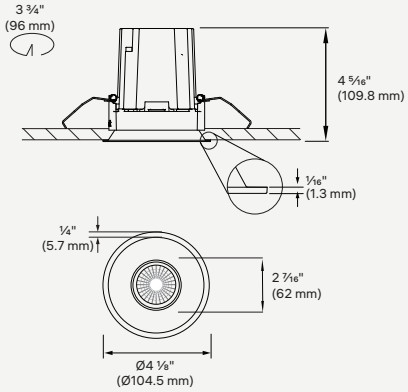
Dome



Dome Space



DIMENSIONS[1]



1. Dimensions for **cone** baffle, for other shapes refer to page 6

Laser Evo is a versatile downlight family that delivers precise, comfortable light through a compact and discreet design. Its extensive range of sizes, optics and finishes provides exceptional flexibility for a wide variety of architectural environments.

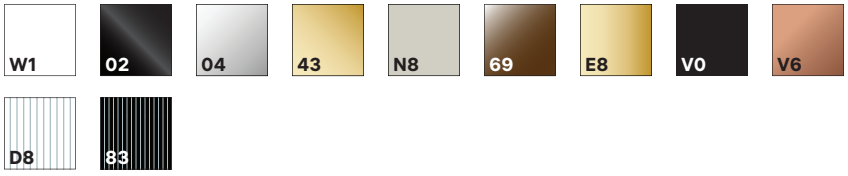
IP 20 | cULus | TITLE 24 JA8 | CE Equivalent Available | 5-Year Limited Warranty | CCEA

FEATURES

- **Drivers/Protocol** : TRIAC/ELV, 0-10V, DALI, and Lutron EcoSystem™ 1% dimming available
- **Smart/Wireless solutions** : Lutron AWN and Casambi
- Tool-free installation
- Full specification available *page 6*

N.B : Title 24-JA8 high efficiency luminaires available Q2 2027

FINISH OPTIONS[1]



1. Consult factory for custom finishes

OPTIC OPTIONS[1]

REFLECTOR



Spot 18° | Medium 27° | Flood 40° | Wide Flood 56° | Wall Washer[2]

LENS



Super Spot 7° | Spot 10°

1. Nominal beam angles, for actual values see pages 9 to 11
2. Available 2027

MODEL	AVAILABLE OPTIC	SYSTEM POWER (W)	MAX LUMEN OUTPUT	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
ILE400	Reflector spot 18°	18.5	**23** 2 370 lm	2 227	121	13 750
	Reflector Medium 28°			2 357	128	9 241
	Reflector Flood 41°			2 357	128	5 490
	Reflector Wide Flood 56°			2 435	132	3 271
	Lens Super spot 7°	10.1	**05** 520 lm	517	51	23 030
	Lens Spot 9°	12.7	**08** 810 lm	814	64	21 321

N.B : information based on Cone **(CO)** baffle in Black **(02)** finish, for full photometric data refer to pages 9 to 11

FAMILY OVERVIEW

RECESSED FIXED



0.75" (17 mm) : Cone
1" (25 mm) : Cone
1.5" (40 mm) : Cone, Squircle
2" (59 mm) : Cone, Squircle, Dome, Dome space, Soft, Soft space
3" (75 mm) : Cone, Squircle, Dome, Dome space, Soft, Soft space
4" (96 mm) : Cone, Dome, Dome space
5" (125 mm[1])
6" (153 mm[1])

RECESSED TILTED



2"
3"
4"

RECESSED ADJUSTABLE



1.5"
2"
3"
4"
5"
6"

RECESSED SHALLOW



3"

WALL WASHER



1.5"
2"
3"
4"

1. To be released 2027

Refer to other spec sheets to view additional options.

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ORDERING INFO

PRODUCT CODE EXAMPLE : ILE400-F-CO-TF-CP-XX-9535-LSS-UNV-02-D10

INSTALLATION CODE

MODEL	SHAPE	MOUNTING	INSTALLATION	OUTPUT	LED		OPTIC[5]	VOLTAGE	FINISH	DIMMING
ILE400-F Laser Evo Fixed Ø4 96 mm	*STANDARD* **CO** Cone **DO** Dome **WW[1]** Wall Washer *SPACE* **DS** Dome Space	**TR** Trim **TF** Trim Flush Drywall Mud **MF** Trim Flush Millwork	**RF** Remodel **NC** New Construction **IC** Insulated Ceiling Housing **CP** Chicago Plenum Housing **AT[2]** Airtight Housing	*REFLECTOR* **15** 1 500 lm (13.7 W) **20** 2 040 lm (19.2 W) **23[3]** 2 370 lm (18.5 W) *LENS* *SUPER SPOT* **03** 330 lm (7.0 W) **04** 450 lm (10.1 W) **05[3]** 520 lm (10.1 W) *LENS SPOT* **05** 500 lm (8.4 W) **06** 690 lm (12.7 W) **08[3]** 810 lm (12.7 W)	**90** 90 CRI **97** 97 CRI **9H** 90CRI High efficacy LED	**24[4]** 2400K **27** 2700K **30** 3000K **35** 3500K **40** 4000K	**RSP** Reflector Spot 18° **RMD** Reflector Medium 27° **RFL** Reflector Flood 40° **RWF[6]** Reflector Wide Flood 56° **LSS** Lens Super Spot 7° **LSP** Lens Spot 10° **RWW[1]** Wall Washer	**120** 120V **277** 277V **UNV[7]** 120-277V	*STANDARD* **W1** Matte White **02** Black **04** Metal Chrome **43** Gold **69** Bronze **E8** Gold Satin **N8** Titanium **V0** Matte Black **V6** Matte Copper *SPACE* **83** Black Transparent **D8** White Transparent	**LTE[8]** Leading and trailing edge (down to 1%) **D10** 0-10V (down to 1%) **DA** DALI (down to 1%) **D2B** Lutron Hi Lumen® 1% EcoSystem™ (Soft-on, Fade to Black, Down to 1%) **CAS** Casambi Connectivity (Down to 1%) **AWN** Athena wireless node connectivity (Down to 1%)

1. Wall washer **(WW)** baffle compatible only with Wall Washer **(RWW)** optic. Both available 2027
2. Airtight luminaire less than 2 cfm leakage @1.57PSI per ASTM E283
3. Available only with 90CRI, High Efficacy LED **(9H)**
4. Available only at 90CRI **(90)**
5. Nominal beam angles, for actual values see pages 8 to 13
6. Available only with Cone **(CO)** baffle
7. Available only for for Insulated Ceiling Housing **(IC)**, Chicago Plenum Housing **(CP)**, and Airtight Housing **(AT)** installation.
8. Available only for 120V **(120)**

ACCESSORIES (TO BE ORDERED SEPARATELY)

Optical accessories[1]

☐ PC84 - Honeycomb louver



☐ IMY46 - Diffuser glass



☐ IPC86 - Refractor for elliptical distribution[2]



☐ IMY50 - Colored filters
Available in yellow, red, and blue



☐ IPC29 - IP65 lens kit[2]
(Only on visible part
of the product once installed)



1. No optical accessories available for Dome space **(DS)**, Soft space **(SS)**, and Wall Washer **(WW)** baffles
2. Compatible only with colored filters **(IMY25)**

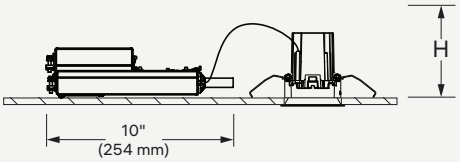
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INSTALLATION

REMODEL (RF)

For new or existing ceiling structure Suitable for non-insulated ceiling like sheetrock or paneling.
Fixture is ready for remodeling installation. Trimless frame and fixture can be shipped separately.



Ceiling thickness[1]
Trim : 1⁄16" - 1 7⁄16" (1 mm - 37 mm)
Trim flush drywall mud : 1⁄8" - 1 7⁄16" (3 mm - 37 mm)
Trim flush millwork : 1⁄2" - 1 7⁄16" (12.5 mm - 37 mm)

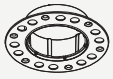
Total weight (with fixture)
3.62 lbs (1.64 kg)

1. Ceiling thickness up to 3 3⁄16" (81 mm) with Dome **(DO)** and Dome space **(DS)**

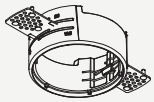
MOUNTING	INSTALLATION KIT	CUT-OUT DIMENSIONS	CLEARANCE (H)
Trim		Ø3 3⁄4" (Ø96 mm)	7 1⁄8" (180 mm)
Trim flush drywall mud[1]	TF-ILE400-RF	Ø4 3⁄8" (Ø111 mm)	
Trim flush millwork[1]	MF-ILE400-RF		

1. Can be installed from below the ceiling

TRIM FLUSH DRYWALL MUD



TRIM FLUSH MILLWORK



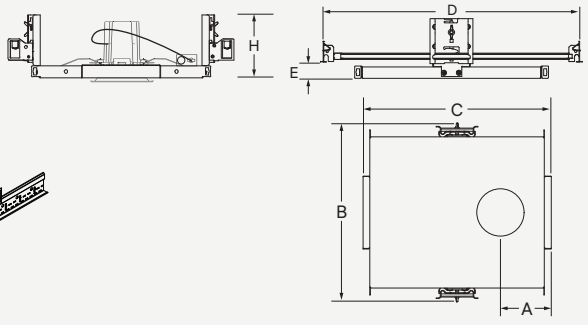
NEW CONSTRUCTION WITH PLASTER FRAME (NC)

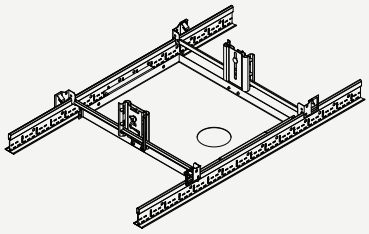
Plaster frame with hanger bars system to be installed during rough-in phase.
Suitable for non-insulated ceiling assemblies, like sheetrock, or paneling.
Plaster frame and trim can be shipped separately.

Ceiling thickness[1]
Trim : 1⁄16" - 1 7⁄16" (1 mm - 37 mm)
Trim flush drywall mud : 1⁄8" - 1 7⁄16" (3 mm - 37 mm)
Trim flush millwork : 1⁄2" - 1 7⁄16" (12.5 mm - 37 mm)

Total weight (with fixture)
6.30 lbs (2.86 kg)

1. Ceiling thickness up to 3 3⁄16" (81 mm) with Dome **(DO)** and Dome space **(DS)**



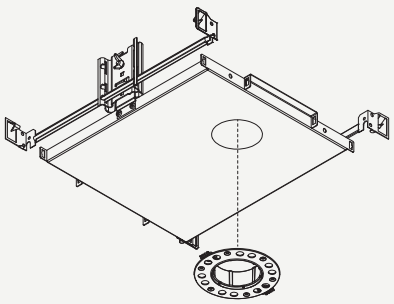


Hanger bars suitable for grid ceiling.

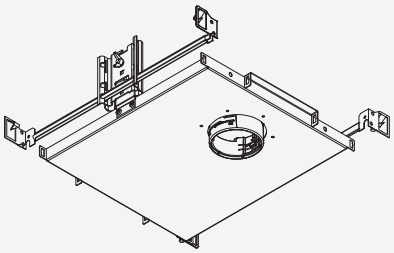
MOUNTING	PLASTER FRAME	CUT-OUT DIMENSIONS	CUT-OUT POSITION (A)	OVERALL DIMENSIONS (BXC)[1]	HANGER BAR RANGE (D)	ADJUSTABILITY (E)	CLEARANCE (H)
Trim	BN-ILE400-TR-NC	Ø3 3⁄4" (Ø96 mm)	4 5⁄16" (110 mm)	12 1⁄4" x 12 15⁄16" (311 x 328 mm)	14 1⁄4" - 26" (362 - 660 mm)	1 7⁄16 - 3 3⁄8" (36 - 86.5 mm)	7 1⁄8" (180 mm)
Trim flush drywall mud[2]	BN-ILE400-TF-NC	Ø4 3⁄8" (Ø111 mm)					
Trim flush millwork	BN-ILE400-MF-NC						

1. Provide a minimum of 1 7⁄8" (46 mm) on each side for hanger bar fixations

TRIM FLUSH DRYWALL MUD



TRIM FLUSH MILLWORK



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Project: _____
Type: _____

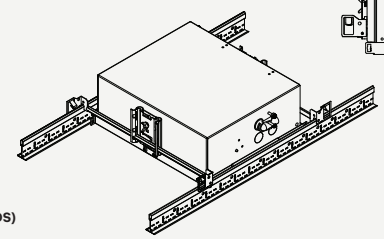
NEW CONSTRUCTION WITH HOUSING SUITABLE FOR INSULATED CEILING (IC) OR CHICAGO PLENUM (CP)

Housing with hanger bars system for new construction installations. Suitable for insulated ceiling or Chicago Plenum applications. Housing and trim can be shipped separately.

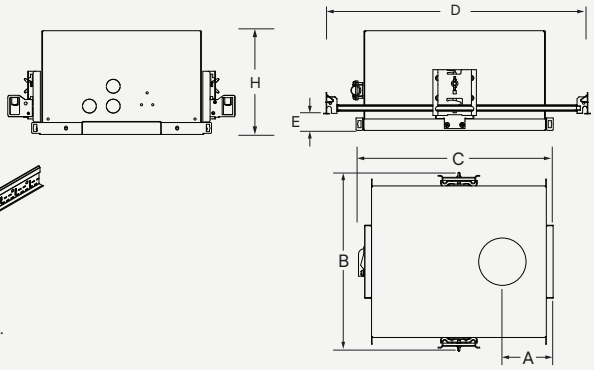
Ceiling thickness[1]
Trim : 1/16" - 1 7/16" (1 mm - 37 mm)
Trim flush drywall mud : 1/8" - 1 7/16" (3 mm - 37 mm)
Trim flush millwork : 1/2" - 1 7/16" (12.5 mm - 37 mm)

Total weight (with fixture)
10.32 lbs (4.68 kg)

1. Ceiling thickness up to 3 3/16" (81 mm) with Dome **(DO)** and Dome space **(DS)**



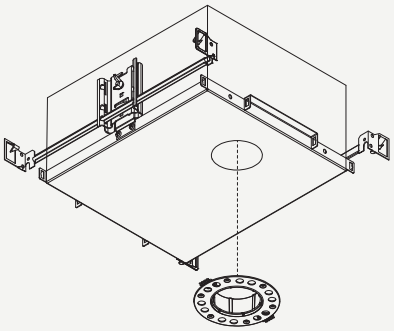
Hanger bars suitable for grid ceiling.



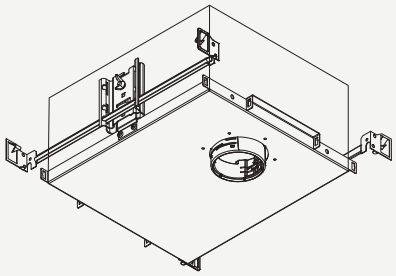
MOUNTING	HOUSING	CUT-OUT DIMENSIONS	CUT-OUT POSITION (A)	OVERALL DIMENSIONS (BXC)[1]	HANGER BARS RANGE (D)	ADJUSTABILITY (E)	CLEARANCE (H)
Trim	BI-ILE400-TR-IC/CP	Ø3 3/4" (Ø96 mm)	4 5/16" (110 mm)	12 1/4" x 13 3/16" (311 x 335 mm)	14 1/4" - 26" (362 - 660 mm)	1 7/16 - 3 3/8" (36 - 86.5 mm)	6 1/2" (165 mm)
Trim flush drywall mud[2]	BI-ILE400-TF-IC/CP	Ø4 3/8" (Ø111 mm)					
Trim flush millwork	BI-ILE400-MF-IC/CP						

1. Provide a minimum of 1 7/8" (46 mm) on each side for hanger bar fixations

TRIM FLUSH DRYWALL MUD



TRIM FLUSH MILLWORK



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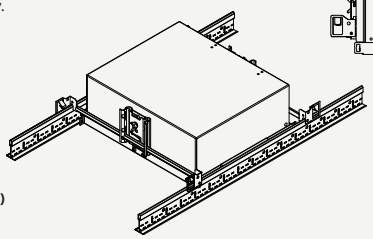
NEW CONSTRUCTION WITH HOUSING SUITABLE FOR AIRTIGHT INSTALLATION (AT)

Housing with hanger bars system for new construction installations. Suitable for airtight application. Housing and trim can be shipped separately.

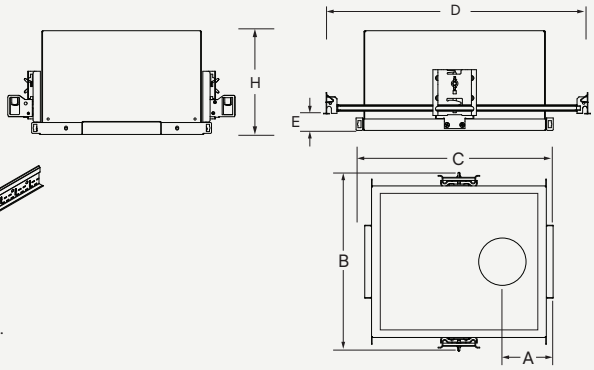
Ceiling thickness[1]
Trim : 1/16" - 1 7/16" (1 mm - 37 mm)
Trim flush drywall mud : 1/8" - 1 7/16" (3 mm - 37 mm)
Trim flush millwork : 1/2" - 1 7/16" (12.5 mm - 37 mm)

Total weight (with fixture)
10.32 lbs (4.68 kg)

1. Ceiling thickness up to 3 3/16" (81 mm) with Dome **(DO)** and Dome space **(DS)**



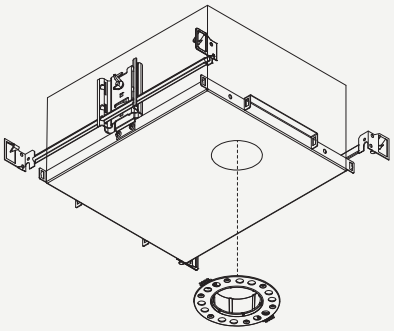
Hanger bars suitable for grid ceiling.



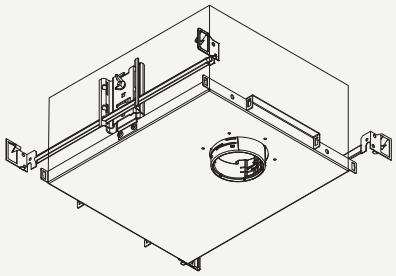
MOUNTING	HOUSING	CUT-OUT DIMENSIONS	CUT-OUT POSITION (A)	OVERALL DIMENSIONS (BXC)[1]	HANGER BARS RANGE (D)	ADJUSTABILITY (E)	CLEARANCE (H)
Trim	BI-ILE400-TR-AT	Ø3 3/4" (Ø96 mm)	4 5/16" (110 mm)	12 1/4" x 12 15/16" (311 x 328 mm)	14 1/4" - 26" (362 - 660 mm)	1 7/16 - 3 3/8" (36 - 86.5 mm)	6 1/2" (165 mm)
Trim flush drywall mud[2]	BI-ILE400-TF-AT	Ø4 3/8" (Ø111 mm)					
Trim flush millwork	BI-ILE400-MF-AT						

1. Provide a minimum of 1 7/8" (46 mm) on each side for hanger bar fixations

TRIM FLUSH DRYWALL MUD



TRIM FLUSH MILLWORK



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SPECIFICATIONS

LUMINAIRE CHARACTERISTIC
System Power : 7.0 W to 19.2 W
Lumens : 372 lm to 2 106 lm (for 3000K, 90CRI)
Luminaire efficacy : up to 110 lm/W

SOURCE
White LED module (LM-80) :
90CRI : 2400K, 2700K, 3000K, 3500K, 4000K
97CRI : 2700K, 3000K, 3500K, 4000K
9HCRI : 2700K, 3000K, 3500K 4000K

LUMEN MAINTENANCE
80% of initial lumens at 50 000 hours (L80 B10)

OPTICS
CONE
Lens Super Spot 7°**(LSS)**, Lens Spot 10°**(LSP)**, Reflector Spot 18°**(RSP)**, Reflector Medium 28°**(RMD)**, Reflector Flood 41°**(RFL)**, Reflector wide flood 56°**(RWF)**

DOME
Lens Super Spot 7°**(LSS)**, Lens Spot 10°**(LSP)**, Reflector Spot 18°**(RSP)**, Reflector Medium 26°**(RMD)**, Reflector Flood 35°**(RFL)**

DOME SPACE
Lens Super Spot 8°**(LSS)**, Lens Spot 11°**(LSP)**, Reflector spot 19°**(RSP)**, Reflector Medium 26°**(RMD)**, Reflector flood 35°**(RFL)**

MATERIALS
Body and heat sink : Die-cast aluminum
Installation ring : Zamak
Reflector : Metalized polycarbonate (for RSP, RMD, RFL, and RWF optics)
Lens : Acrylic (for LSS and LSP optics)
Baffle : Painted thermoplastic

MOUNTING
Trim - Trim flush drywall mud - Trim flush millwork

ELECTRICAL
Integral high efficiency LED driver rated at 50 000 hours, 120V or 277V

FINISH
W1 - Matte White	02 - Black	04 - Metal Chrome
43 - Gold	69 - Bronze	E8 - Gold Satin
N8 - Titanium	V6 - Matte Copper	V0 - Matte Black
D8 - White Transparent		83 - Black Transparent

WEIGHT
1.29 lbs to 1.41 lbs (0.585 kg to 0.640 kg)

WARRANTY
5 year limited warranty.

RATINGS
IP20
IP20/65 from under the ceiling (with accessory)

CERTIFICATIONS
cULus listed for damp location. Interior use only.

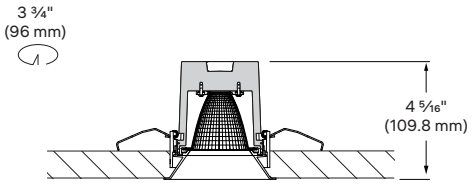
Title 24 JA8-2019 High-Efficacy Luminaire with Airtight Housing. Tested in accordance with ASTM E283. Maximum air leakage: <2 CFM @ 1.57 psf (75 Pa).

1. Contact customer service to confirm which versions are certified

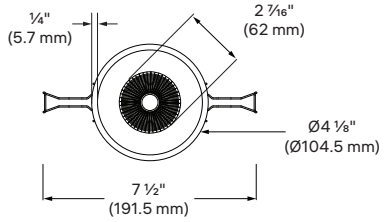
MODEL DIMENSIONS

CONE

SIDE VIEW

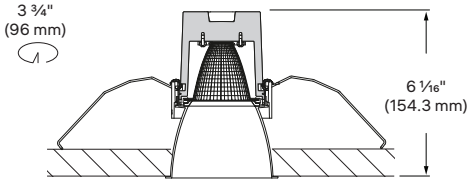


BOTTOM VIEW

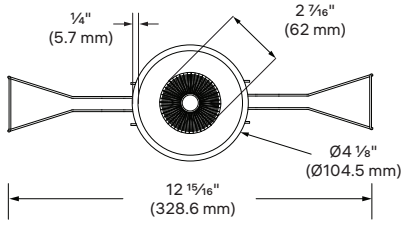


DOME

SIDE VIEW

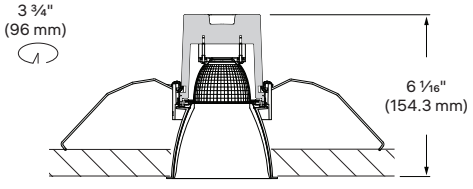


BOTTOM VIEW

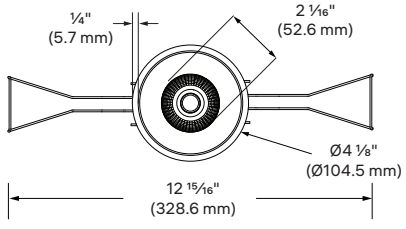


DOME SPACE

SIDE VIEW



BOTTOM VIEW



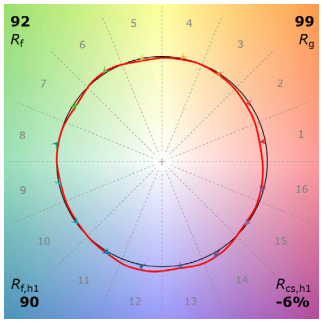
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LED COLOR FIDELITY DATA

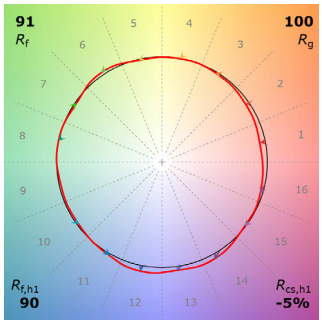
REFLECTOR

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	M-DER
90	3000K	93	97	99	94	93	96	91	79	52	92	96	82	94	99	88	0.506



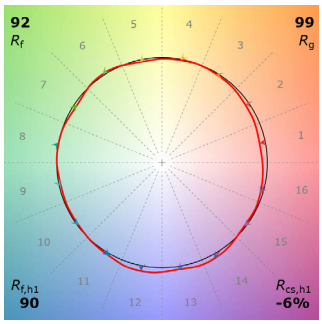
REFLECTOR (High Efficacy LED)

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	M-DER
90	3000K	94	96	97	95	94	96	92	82	56	89	96	80	95	97	89	0.498



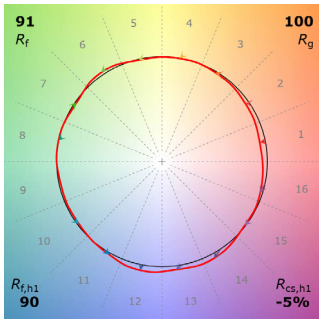
LENS SUPER SPOT

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	M-DER
90	3000K	93	97	99	94	93	96	91	79	52	92	96	82	94	99	88	0.506



LENS SUPER SPOT (High Efficacy LED)

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	M-DER
90	3000K	94	96	97	95	94	96	92	82	56	89	96	80	95	97	89	0.498



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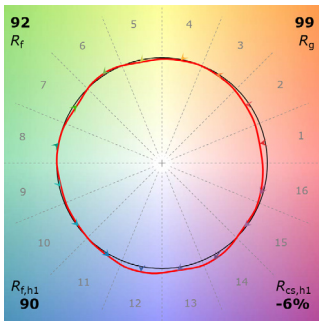
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Project: _____

Type: _____

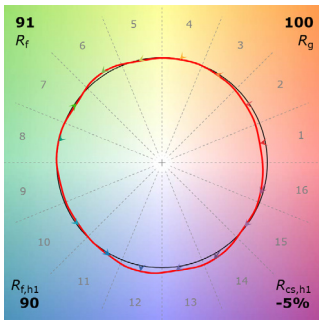
LENS SPOT

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	M-DER
90	3000K	93	97	99	94	93	96	91	79	52	92	96	82	94	99	88	0.506



LENS SPOT (High Efficacy LED)

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	M-DER
90	3000K	94	96	97	95	94	96	92	82	56	89	96	80	95	97	89	0.498



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Project: _____
Type: _____

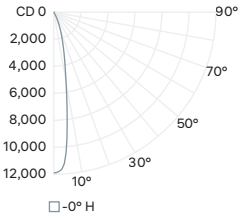
PHOTOMETRIC DATA

CONE

CCT (K)	CRI	SYSTEM POWER (W)	OPTIC	LUMENS (lm)[1]	EFFICACY (lm/W)[1]	MAX CANDELA (cd)[1]	MODELS
3000	90	19.2	Reflector Spot 18°	1 926	100	11 892	ILE400-F-CO-RSP
			Reflector Medium 28°	2 038	106	7 992	ILE400-F-CO-RMD
			Reflector Flood 41°	2 038	106	4 748	ILE400-F-CO-RFL
			Reflector Wide Flood 56°	2 106	110	2 829	ILE400-F-CO-RWF
		10.1	Lens Super Spot 7°	495	42	22 050	ILE400-F-CO-LSS
		12.7	Lens Spot 10°	767	53	20 085	ILE400-F-CO-LSP

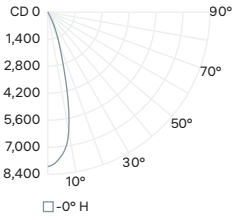
1. Photometric performance based on the Black **(02)** finish. Values may vary slightly for other finishes. Consult IES files for exact photometric data.

Reflector Spot 18°
(3000k, 90CRI)



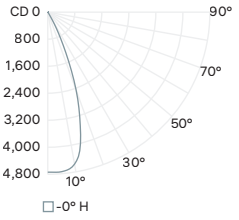
	Center beam fc	Beam width ft
2ft	2 973	0.6
4ft	743	1.3
6ft	330	1.9
8ft	186	2.6
10ft	119	3.2
12ft	83	3.9

Reflector Medium 28°
(3000k, 90CRI)



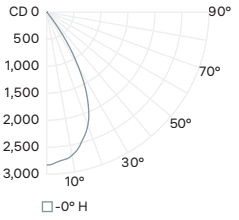
	Center beam fc	Beam width ft
2ft	1 998	1.0
4ft	500	2.0
6ft	222	3.0
8ft	125	4.0
10ft	80	5.0
12ft	56	6.0

Reflector Flood 41°
(3000k, 90CRI)



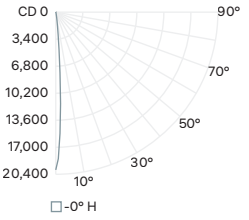
	Center beam fc	Beam width ft
2ft	1 187	1.5
4ft	297	3.0
6ft	132	4.4
8ft	74	5.9
10ft	47	7.4
12ft	33	8.9

Reflector Wide Flood 56°
(3000k, 90CRI)



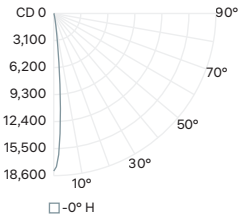
	Center beam fc	Beam width ft
2ft	707	2.1
4ft	177	4.3
6ft	79	6.4
8ft	44	8.6
10ft	28	10.7
12ft	20	12.9

Lens Super Spot 7°
(3000k, 90CRI)



	Center beam fc	Beam width ft
2ft	4 961	0.2
4ft	1 240	0.5
6ft	551	0.7
8ft	310	1.0
10ft	198	1.2
12ft	138	1.4

Lens Spot 9°
(3000k, 90CRI)



	Center beam fc	Beam width ft
2ft	4 519	0.3
4ft	1 130	0.7
6ft	502	1.0
8ft	282	1.3
10ft	181	1.6
12ft	126	2.0

MULTIPLIER TABLE

CRI OPTIONS	90CRI					97CRI				9HCRI			
CCT OPTIONS	2400K	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000k	2700K	3000K	3500K	4000K
REFLECTOR	0.87	0.94	1	1.03	1.07	0.83	0.87	0.90	0.92	1.09	1.16	1.25	1.25
LENS SUPER SPOT	0.88	0.96	1	1.04	1.07	0.83	0.89	0.95	0.98	0.97	1.04	1.12	1.13
LENS SPOT	0.87	0.95	1	1.05	1.07	0.84	0.89	0.94	0.98	0.98	1.06	1.12	1.14

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LASER EVO 4
Downlight Integral

Project: _____

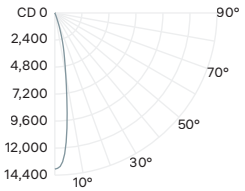
Type: _____

DOME

CCT (K)	CRI	SYSTEM POWER (W)	OPTIC	LUMENS (lm)[1]	EFFICACY (lm/W)[1]	MAX CANDELA (cd)[1]	MODELS
3000	90	19.2	Reflector Spot 18°	1 613	84	13 865	ILE400-F-DO-RSP
			Reflector Medium 26°	1 904	99	9 819	ILE400-F-DO-RMD
			Reflector Flood 35°	1 926	100	6 186	ILE400-F-DO-RFL
		10.1	Lens Super Spot 7°	477	40	21 715	ILE400-F-DO-LSS
		12.7	Lens Spot 10°	767	53	20 376	ILE400-F-DO-LSP

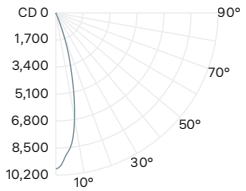
1. Photometric performance based on the Black **(02)** finish. Values may vary slightly for other finishes. Consult IES files for exact photometric data.

Reflector Spot 18°
(3000k, 90CRI)



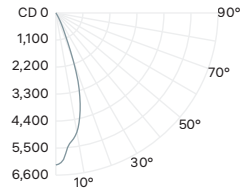
	Center beam fc	Beam width ft
2ft	3 466	0.6
4ft	867	1.2
6ft	385	1.8
8ft	217	2.4
10ft	139	3.0
12ft	96	3.6

Reflector Medium 26°
(3000k, 90CRI)



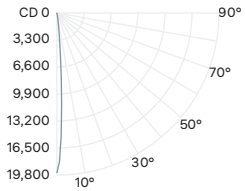
	Center beam fc	Beam width ft
2ft	2 455	0.9
4ft	614	1.9
6ft	273	2.8
8ft	153	3.7
10ft	98	4.6
12ft	68	5.6

Reflector Flood 35°
(3000k, 90CRI)



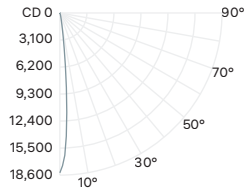
	Center beam fc	Beam width ft
2ft	1 546	1.3
4ft	387	2.5
6ft	172	3.8
8ft	97	5.0
10ft	62	6.3
12ft	43	7.6

Lens Super Spot 7°
(3000k, 90CRI)



	Center beam fc	Beam width ft
2ft	4 886	0.2
4ft	1 221	0.5
6ft	543	0.7
8ft	305	0.9
10ft	195	1.2
12ft	136	1.4

Lens Spot 10°
(3000k, 90CRI)



	Center beam fc	Beam width ft
2ft	4 585	0.3
4ft	1 146	0.7
6ft	509	1.0
8ft	287	1.3
10ft	183	1.7
12ft	127	2.0

MULTIPLIER TABLE

CRI OPTIONS	90CRI					97CRI				9HCRI			
CCT OPTIONS	2400K	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000k	2700K	3000K	3500K	4000K
REFLECTOR	0.87	0.94	1	1.03	1.07	0.83	0.87	0.90	0.92	1.09	1.16	1.25	1.25
LENS SUPER SPOT	0.88	0.96	1	1.04	1.07	0.83	0.89	0.95	0.98	0.97	1.04	1.12	1.13
LENS SPOT	0.87	0.95	1	1.05	1.07	0.84	0.89	0.94	0.98	0.98	1.06	1.12	1.14

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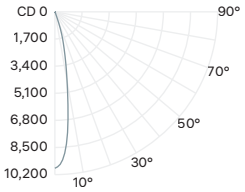
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DOME SPACE

CCT (K)	CRI	SYSTEM POWER (W)	OPTIC	LUMENS (lm)[1]	EFFICACY (lm/W)[1]	MAX CANDELA (cd)[1]	MODELS
3000	90	19.2	Reflector Spot 19°	1 344	70	9 803	ILE400-F-DS-RSP
			Reflector Medium 26°	1 971	103	9 603	ILE400-F-DS-RMD
			Reflector Flood 35°	1 949	102	6 097	ILE400-F-DS-RFL
		10.1	Lens Super Spot 8°	414	35	15 928	ILE400-F-DS-LSS
		12.7	Lens Spot 11°	663	46	15 033	ILE400-F-DS-LSP

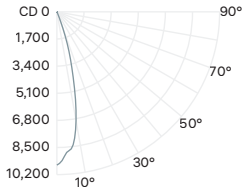
1. Photometric performance based on the White Transparent finish **(D8)**. Values may vary slightly for the Black Transparent finish **(83)**. Consult IES files for exact photometric data.

Reflector Spot 19°
(3000k, 90CRI)



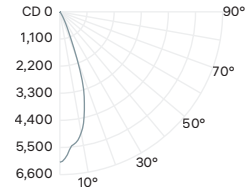
	Center beam fc	Beam width ft
2ft	2 451	0.7
4ft	613	1.3
6ft	272	2.0
8ft	153	2.6
10ft	98	3.3
12ft	68	3.9

Reflector Medium 26°
(3000k, 90CRI)



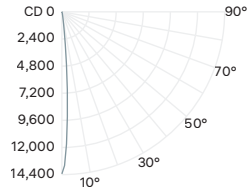
	Center beam fc	Beam width ft
2ft	2 401	0.9
4ft	600	1.9
6ft	267	2.8
8ft	150	3.7
10ft	96	4.7
12ft	67	5.6

Reflector Flood 35°
(3000k, 90CRI)



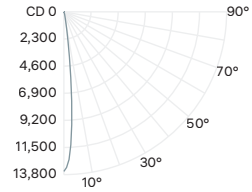
	Center beam fc	Beam width ft
2ft	1 524	1.3
4ft	381	2.6
6ft	169	3.8
8ft	95	5.1
10ft	61	6.4
12ft	42	7.7

Lens Super Spot 8°
(3000k, 90CRI)



	Center beam fc	Beam width ft
2ft	3 584	0.3
4ft	896	0.5
6ft	398	0.8
8ft	224	1.1
10ft	143	1.4
12ft	100	1.6

Lens Spot 11°
(3000k, 90CRI)



	Center beam fc	Beam width ft
2ft	3 382	0.4
4ft	846	0.8
6ft	376	1.1
8ft	211	1.5
10ft	135	1.9
12ft	94	2.3

MULTIPLIER TABLE

CRI OPTIONS	90CRI					97CRI				9HCRI			
CCT OPTIONS	2400K	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000k	2700K	3000K	3500K	4000K
REFLECTOR	0.87	0.94	1	1.03	1.07	0.83	0.87	0.90	0.92	1.09	1.16	1.25	1.25
LENS SUPER SPOT	0.88	0.96	1	1.04	1.07	0.83	0.89	0.95	0.98	0.97	1.04	1.12	1.13
LENS SPOT	0.87	0.95	1	1.05	1.07	0.84	0.89	0.94	0.98	0.98	1.06	1.12	1.14

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