FLY
LED

Type:

Project:

SPECIFICATION SHEET

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Wall mounted luminaire for commercial interior applications. Modern minimal design suitable for lobbies, corridors, or other applications where low glare indirect lighting is desired. ADA compliant.
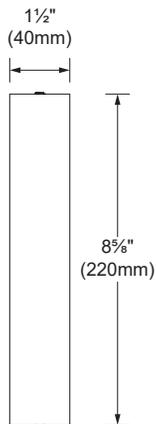
Luminaire characteristic:

Power input: 9.4W
Lumens: 961lm (for 3000K, 80CRI)
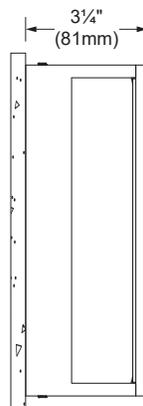**Luminaire efficacy:** 102lm/W

Source:	White LED (LM-80), 2700K: 80CRI, 3000K: 80CRI, 3500K: 80CRI, 4000K: 80CRI.
Lumen maintenance:	70% of initial lumens at 50 000 hours (L70) (LM-79).
Optic:	Diffused indirect light
Material:	Body: Die-cast aluminum Diffuser: Tempered glass
Mounting:	See mounting option on page 4.
Electrical:	Integral high efficiency LED driver, rated at 50 000 hours. 120V/277V.
Dimming:	Down to 10%, leading (triac) and trailing edge (ELV) (120V) or 0-10V for J2 and JB mounting.
Finish:	White painted (RAL9003) or black matte painted
Weight:	2lbs (0.91kg)
Warranty:	5 year limited warranty.
Ratings:	IP20
Certification:	cULus listed for damp location.

JP - R2   Last update: June 20, 2022

Due to continuous improvements, the information herein may be changed without notice

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FLY
LED

DIMENSIONS

DIRECT FEED (DF)

1½"
(40mm)

8⅝"
(220mm)

3¼"
(81mm)

FRONT VIEW

SIDE VIEW

JUNCTION BOX 2" (J2)

2¾"
(70mm)

3⅜"
(84.2mm)

FRONT VIEW

SIDE VIEW

JUNCTION BOX 4" (JB)

4½"
(114mm)

3⅜"
(84.2mm)

FRONT VIEW

SIDE VIEW

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FLY
LED

Type:
Project:

SPECIFICATION SHEET
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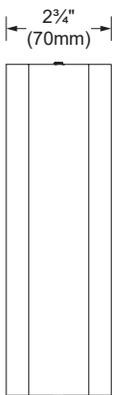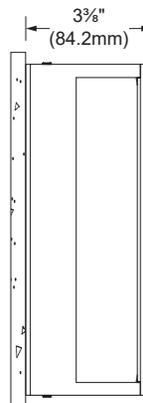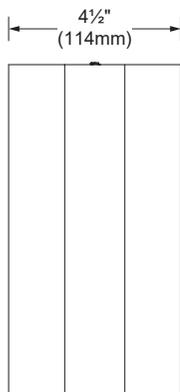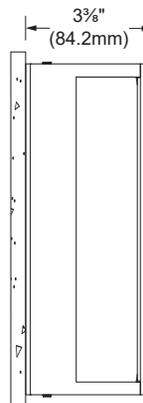
LED COLOR FIDELITY DATA

CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
2700K	81	92	94	80	82	92	81	56	6	83	81	80	84	98	73	85	96	0.469
3000K	80	88	95	82	80	84	85	62	10	72	82	67	82	97	73	83	99	0.478
3500K	82	89	95	84	83	86	86	65	13	75	85	71	84	97	75	85	99	0.578
4000K	84	90	94	85	85	87	87	69	21	77	85	70	86	97	79	86	98	0.689

PHOTOMETRIC DATA

Photometric performance is measured at an accredited independant laboratory in accordance with IESNA LM-79.
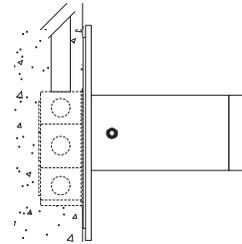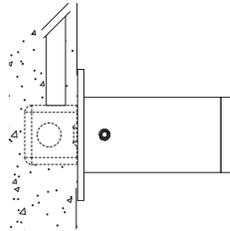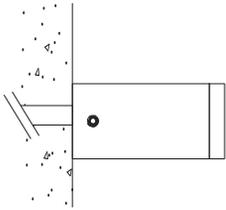Visit sistemalux.com for complete photometric data.

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)	MODELS
3000K	80	9.4W	Indirect light	961	102	398	1230-830

Indirect light (3000K, 80CRI)
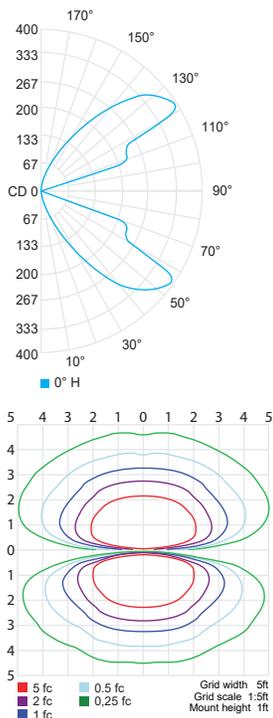
CCT options	2700K	3000K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI
Multiplier	**0.81**	**1**	**1.04**	**1.06**

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SPECIFICATION SHEET

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MOUNTING OPTIONS

Direct feed position

3⅜"
(85mm)
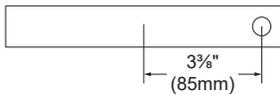
DF
Direct feed with integral
LED driver. Connections made
inside fixture (14-18AWG).
Rigid or flexible conduit up to Ø½" cabtire,
romex or bx. Installed directly to surface.

J2
2" junction box (by others) with integral
LED driver. Mounting adapter plate
for junction box installation.
Min 1⅞" (48mm) deep

JB
4" standard octogonal junction box (by others)
with integral LED driver. Mounting adapter plate
for junction box installation.
Min 1½" (38mm) deep

ORDERING INFO

1230 - ___ - ___ - ___ - ___
FIXTURE

MOUNTING

☐ **DF -** Direct feed

☐ **J2 -** Surface mounted with
2" junction box

☐ **JB -** Surface mounted with
4" standard octogonal junction box

LED

☐ **827 -** 2700K, 80CRI

☐ **830 -** 3000K, 80CRI

☐ **835 -** 3500K, 80CRI

☐ **840 -** 4000K, 80CRI

VOLTAGE

☐ **120 -** 120V

☐ **UNV -** 120-277V[1]

FINISH

☐ **01 -** White

☐ **52 -** Black matte

DIMMING*

☐ **D10 -** 0-10V[2]

☐ **LTE -** Leading and trailing edge dimming (120V only)

[1] For direct feed (**DF**) mounting with 120-277V (**UNV**) voltage, no dimming available.
[2] Available for 120-277V (**UNV**) voltage with surface 2" junction box (**J2**) or surface 4" junction box (**JB**) mounting.
* 10% dimming options: For leading and trailing edge and 0-10V (**D10 and LTE**), the dimming levels will vary depending on the dimmer used and the number of luminaires on the line.

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