PROJECT:				DATE:	
DISTRIBUTOR:		CATALOGUE #:		TYPE:	
DRAWN BY:		CONTRACTOR:		PO:	

FNPC

4' LED VAPOR TIGHT HIGH BAY

STANPRO

SPEC SHEET

3 CCT & 3 POWER SELECTABLE, CONTROLS READY

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- White polycarbonate construction
- Polycarbonate lens
- Stainless steel captive latches
- CCT and Power Select switches are placed discretely inside the housing
- Poured-in-place gasket (PIP gasket)

Mounting

- 5.5 ft 5-wire power and dimming cord preinstalled with each luminaire
- Set of 2 V-hooks and 2 stainless steel mounting brackets for ceiling and surface mount are included

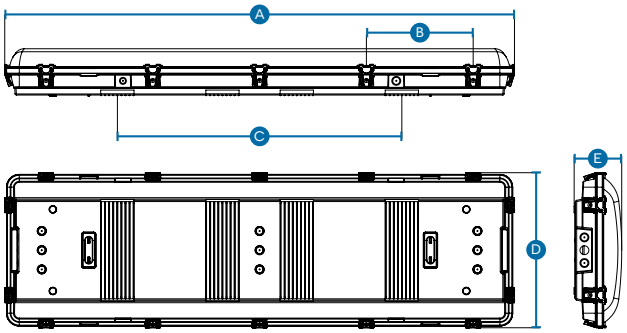
PERFORMANCE DATA

- 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Lumen output: 16 000-40 425 lm
- 0-10 V dimming standard
- 6 kV surge protection
- Estimated life of over 102 000 hours to L70, LM80: 17 000 tested hours
- Operating temperature: from -40°C to 55°C (-40°F to 131°F) on certain wattages. Consult Lumen and Operating Temperature Specfiication Table for more details

COMPLIANCES

- cETLus listed for Canada and USA for wet locations
- Meets requirements of ICES-005
- IP67
- IK10
- NEMA 4X
- NSF certified (Splash Zone and Non Food Zone)

TECHNICAL DRAWINGS



A	B	C	D	E	Net Weight (lbs)
46 7/8" (119 cm)	9 7/8" (25 cm)	26 1/4" (66.60 cm)	14 1/8" (36 cm)	4 3/8" (11.15 cm)	20.5

3 CCT | POWER SELECTABLE | 5 YEARS WARRANTY | CONTROLS READY | IP67 | IK10

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

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QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Type	Order Code	Model Number	DLC Unique ID	Lumen Output (lm)[1,2]	Efficacy (lm/W)	Watts (W)	Power Factor	THD (%)	Master Case QTY	UPC Code
	71300	FNPC4-PS160-Q-3C	S-WBJN95	16 000-26 720	155-170	100/130/160	≥0.90	≤20	1	069549038158
	71301	FNPC4-PS245-Q-3C	S-R7T9NH	28 000-40 425	155-170	175/200/245	≥0.90	≤20	1	069549038165

[1] Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.
[2] Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

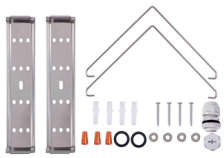
LUMEN AND OPERATING TEMPERATURE SPECIFICATION TABLE

Order Code	Model Number	Watts (W)	3 500 K		4 000 K		5 000 K		Max. Operating Temperature (surface mount)	Max. Operating Temperature (suspended mount)[1]	Default Programming
			Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)			
		100	16 000	160	17 000	170	16 300	163	50°C	55°C	
71300	FNPC4-PS160-Q-3C	130	20 410	157	21 710	167	20 800	160	45°C	50°C	160 W / 4 000 K
		160	24 800	155	26 400	165	26 720	157	40°C	45°C	
		175	28 000	160	29 750	170	28 525	163	50°C	55°C	
71301	FNPC4-PS245-Q-3C	200	31 400	157	33 400	167	32 000	160	45°C	50°C	245 W / 4 000 K
		245	37 975	155	40 425	165	38 465	157	40°C	45°C	

[1] Suspended 18" from ceiling.

ACCESSORIES*

Order Code	Model Number	Compatible With	Figure
70633[1]	10ft white power cord with 5-wire (1pc)	All configurations	A
70635	Aviation cable kit 10ft (2pcs)	All configurations	B
71420	Internal microwave sensor ANT-5-4T	All configurations	C
OSI-RC100	Remote control for microwave sensor	71420	D
71417[2]	Internal emergency back up LED driver 20W battery 120-347V	All configurations	E
71647	Replacement polycarbonate lens 4ft	All configurations	F
71648	Tamper proof kit (14 tamper proof screws and 1 tamper proof bit)	All configurations	G



Hardware Kit

INCLUDED IN THE BOX

* Order separately.
[1] Total length: 10ft (8ft exposed length after installation).
[2] Using an Emergency LED Driver accessory does not make the luminaire certified under CSA C22.2 No.141 for primary emergency lighting applications.

A

B

C

D

E

F

G

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SMART ACCESSORIES* G®

Order Code	Description	Compatible With	Figure
69733	Genio Bluetooth® Mesh internal integrated fixture adapter	All configurations	A
70222	Genio Bluetooth® Mesh kit internal high frequency sensor (69732) and integrated fixture adapter (69733)	All configurations	B
70274	Genio Bluetooth® Mesh Internal Fixture Controller White (plug-in)	All configurations	C

* Order separately.

A

B

C

OCCUPANCY SENSORS

ON-OFF SENSORS

Detection - On at (Detection Area) % during (Hold Time) min. Off

Order Code	Position	Technology	Volts (V)	Maximum Mounting Height (ft)	Detection Area (%)	Hold Time (min)	Stand-by Dim level (%)	Stand-by Period (min)	Daylight Min Level (lux)	Location[1]	Ambient Temperature (°C)	Remote[2]
OSE-PO-0301	External	PIR	120-347	20-40	100	20	N/A	N/A	Disable	Dry	-10°C to +40°C	N/A
OSI-FO-1601	Internal	High frequency	120-277	20	100	10	N/A	N/A	Disable	Dry and wet	-40°C to +40°C	OSI-RC100
OSI-FO-1701	Internal	High frequency	120-347	13	100	10	N/A	N/A	Disable	Dry and wet	-20°C to +40°C	N/A
70222	Internal	High frequency	120-347	20	100	See app	See app	See app	See app	Dry and damp	-30°C to +40°C	N/A

BI-LEVEL SENSORS

Detection - On at (Detection Area) % during (Hold Time) min., then (Stand-by Dim level) %

Order Code	Position	Technology	Volts (V)	Maximum Mounting Height (ft)	Detection Area (%)	Hold Time (min)	Stand-by Dim level (%)	Stand-by Period (min)	Daylight Min Level (lux)	Location[1]	Ambient Temperature (°C)	Remote[2]
OSE-PB-0201	External	PIR	120-347	20 max.	100	5	10	N/A	Disable	Wet	-40°C to +40°C	OSI-FSIR-100
OSE-FB-0402	External	High frequency	120-347	50 max.	100	20	30	N/A	50	Wet	-35°C to +40°C	OSI-RC-MH10
OSI-FB-1601	Internal	High frequency	120-277	20	100	10	50	N/A	Disable	Dry and wet	-40°C to +40°C	OSI-RC100
OSI-FB-1602	Internal	High frequency	120-277	20	100	10	30	N/A	Disable	Dry and wet	-40°C to +40°C	OSI-RC100
OSI-FB-1701	Internal	High frequency	120-347	13	100	10	50	N/A	Disable	Dry and wet	-20°C to +40°C	N/A
OSI-FB-1702	Internal	High frequency	120-347	13	100	10	30	N/A	Disable	Dry and wet	-20°C to +40°C	N/A
70222	Internal	High frequency	120-347	20	100	See app	See app	See app	See app	Dry and damp	-30°C to +40°C	N/A

TRI-LEVEL SENSORS

Detection - On at (Detection Area) % during (Hold Time) min., then (Stand-by Dim level) % during (Stand-by period) min. Off

Order Code	Position	Technology	Volts (V)	Maximum Mounting Height (ft)	Detection Area (%)	Hold Time (min)	Stand-by Dim level (%)	Stand-by Period (min)	Daylight Min Level (lux)	Location[1]	Ambient Temperature (°C)	Remote[2]
OSE-FT-0402	External	High frequency	120-347	50 max.	100	30	30	10	50	Wet	-35°C to +40°C	OSI-RC-MH10
OSI-FT-1601	Internal	High frequency	120-277	20	100	10	30	30	Disable	Dry and wet	-40°C to +40°C	OSI-RC100
OSI-FT-1602	Internal	High frequency	120-277	20	100	10	30	30	50	Dry and wet	-40°C to +40°C	OSI-RC100
OSI-FT-1701	Internal	High frequency	120-347	13	100	10	30	30	Disable	Dry and wet	-20°C to +40°C	N/A
OSI-FT-1702	Internal	High frequency	120-347	13	100	10	30	30	50	Dry and wet	-20°C to +40°C	N/A
70222	Internal	High frequency	120-347	20	100	See app	See app	See app	See app	Dry and damp	-30°C to +40°C	N/A

[1] Min and max ambient temperature of the fixture with the specific sensor. Please verify fixture temperature on the first page for compatibility with sensor.
[2] To be ordered separately.

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