

Individual Spec Sheet

VTL4 GEN. 3

3 CCT AND 3 POWER SELECT, NEMA 4X, NSF VAPOR TIGHT

ORDERING INFORMATION

Order Code: 70535
Model Number: VTL4-3-PS1-Q-3C-BMS
UPC: 069549035485
Case Quantity: 1
DLC Unique ID: S-CN9BRR¹ / S-GRLQQZ² / S-WSK9NR³

¹ Primary Use Designation: Stairwell and Passageway Luminaires

² Primary Use Designation: Direct Linear Ambient Luminaires

³ Primary Use Designation: Low-Bay Luminaires for Commercial and Industrial Buildings

PHYSICAL DATA

Lens Material: Frosted PC
Latch Material: Stainless steel
Housing Material: Polycarbonate
Mounting: Surface, suspended

PERFORMANCE DATA

Watts (W): 30/40/50
Volts (V AC): 120-347
Color Temperature (K):¹ 3 CCT (3 500, 4 000, 5 000)
Lumen Output (lm):² 4 320-7 200
Efficacy (lm/W): 140-146
CRI: 80+
Life L70 (h):³ 54 000
Tested LM-80 (h):³ 54 000
Dimming: 0-10 V
Power Factor: ≥ 0.9
THD (%): ≤ 20
Frequency (Hz): 50/60
Operating Temp. Range: -40 °C to +40 °C (-40 °F to +104 °F)

¹ Typical colour temperature range: +/- 5 %

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %

³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations

LUMEN SPECIFICATION TABLE

Watts (W)	3 500 K		4 000 K		5 000 K	
	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
30	4 320	144	4 380	146	4 350	145
40	4 680	142	5 800	145	5 720	143
50	7 000	140	7 200	144	7 050	141

DEFAULT PROGRAMMING

50 W / 4 000 K

This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.
 Data is based upon tests performed in a controlled environment.
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



ACCESSORIES (order separately)

Order code	Type
69589	90° Angle Brackets (2pcs)
70510	Tamper proof brackets 4' (2pcs)
69668 ¹	Junction box bracket (1pc)
69588	Replacement surface mounting brackets and V-Hooks (2pcs)
70539	Replacement 4ft frosted polycarbonate lens
70484	Replacement stainless steel latch kit with hole (10pcs)
70403	Replacement hardware kit: watertight end caps (2pcs), watertight glands (2pcs), surface mount brackets (2pcs), V-hooks (2pcs) and mounting hardware
70404	Replacement watertight gland (1pc)
70405	Replacement watertight end cap (1pc)
70540	Replacement for 30/40/50W driver (1pc)
70542 ²	Replacement for 30/40/50W internal module (1pc)

¹ Accessory requires additional center hole (CH) on top of housing. Fixture maintains wet location status, however NEMA 4X and IP ratings are not applicable with CH. Please see installation instructions for more details

² Replacement for internal module includes all internal components (gear tray, driver, LED boards and wires)

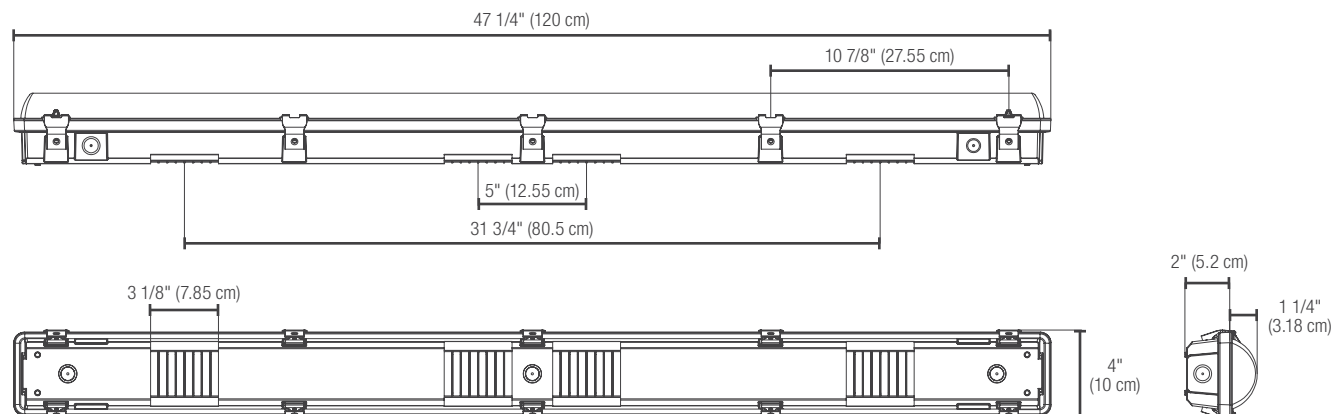
COMPATIBLE DIMMERS¹

Brand	Model
Leviton	DS710-10Z, DD710-BDZ, IP710-LFZ
Lutron	DVSTV-453P, MAESTRO MS-Z101

Dimming range: 10 %-100 %

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

DIMENSIONS

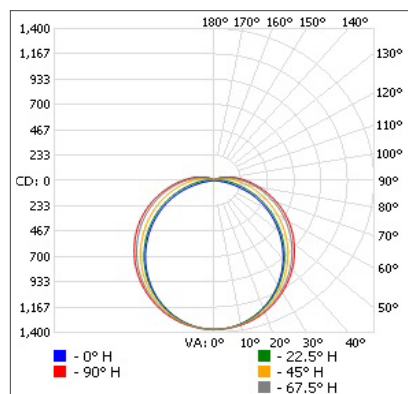


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PHOTOMETRIC DATA¹

70535 • VTL4-3-PS1-Q-3C/BMS • 30 W • 4 000 K • 4 552 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 059.5	22.8
0-40	1 733.3	37.3
0-60	3 095.3	67
60-90	1 187.4	26.5
70-100	779.7	17.8
90-120	237.2	5.8
0-90	4 282.7	93.5
90-180	269.2	6.5
0-180	4 551.9	100

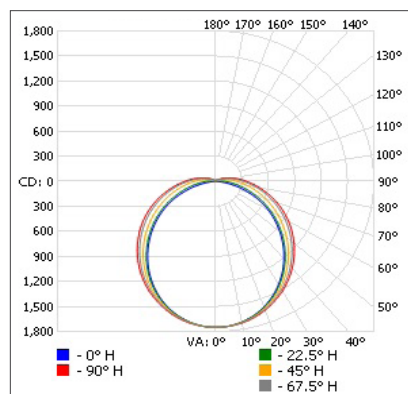
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.5' 6.9'
3.3'	8.7' 13.5'
5.0'	13.2' 20.4'
6.7'	17.7' 27.4'
8.3'	21.9' 33.9'
10.0'	26.4' 40.8'

Vert. spread: 105.6°
Horiz. spread: 127.8°

70535 • VTL4-3-PS1-Q-3C/BMS • 40 W • 4 000 K • 5 806 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 353.7	23.3
0-40	2 216.7	38.2
0-60	3 960.3	68.2
60-90	1 509.9	26
70-100	986.9	17
90-120	295.8	5.1
0-90	5 470.2	94.2
90-180	335.3	5.8
0-180	5 805.5	100

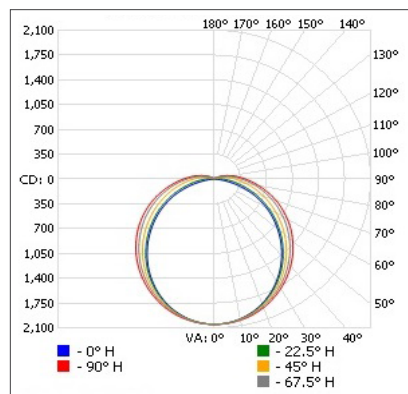
Illuminance at a distance

Center beam fc	Beam width
1.7'	4.5' 6.9'
3.3'	8.8' 13.4'
5.0'	13.3' 20.3'
6.7'	17.9' 27.2'
8.3'	22.1' 33.7'
10.0'	26.7' 40.6'

Vert. spread: 106.3°
Horiz. spread: 127.6°

70535 • VTL4-3-PS1-Q-3C/BMS • 50 W • 4 000 K • 6 808 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 584.5	23.3
0-40	2 593.3	38.1
0-60	4 634.3	68.1
60-90	1 775.5	26.1
70-100	1 163.8	17.1
90-120	352.1	5.2
0-90	6 409.8	94.1
90-180	398.4	5.9
0-180	6 808.2	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	4.5' 7.1'
3.3'	8.7' 13.7'
5.0'	13.2' 20.8'
6.7'	17.8' 27.9'
8.3'	22.0' 34.5'
10.0'	26.5' 41.6'

Vert. spread: 105.9°
Horiz. spread: 128.7°

¹ Complete IES files available on our website.

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