

Series Spec Sheet

VTL4 GEN. 3

LED SLIM 4' VAPOR TIGHT 3 CCT and 3 Power Selectable

This 4' LED luminaire is ideal for a variety of industrial and commercial applications. Installed either indoors or outdoors, the VTL4 provides superior light distribution and is intended for environments where moisture and/or dust may be present. Perfect for applications requiring the complete containment of LEDs for easy washability and hose down. The VTL4 series can withstand reduced temperatures and moderate impact. This luminaire meets BC Hydro requirements, thus providing considerable utility rebates in British Columbia.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Lightweight, slim and durable impact-resistant polycarbonate construction
- Easy installation and maintenance. Gear tray is attached to the lens exposing the internal components when the fixture is in open position. Change the color temperature and desired lumen output with the simple touch of a button
- Uniform gasketed seal and reinforced stainless steel clips block the ingress of moisture and dust
- Pre-drilled end-holes and two watertight glands are offered with each fixture to preserve integrity of internal components

Mounting

Surface (ceiling/wall), suspended or 90° surface mounting. Set of 2 V-hooks and 2 stainless steel mounting clips included with each fixture for surface or suspended mounting with chain or aviation cable

Lens

The frosted LED diffusing pigment lens provides uniform light distribution and has been UV stabilized to ensure that there is no yellowing over time. This impact-resistant polycarbonate lens is impervious to rust or rot and is unaffected by extreme temperatures

• Performance Data

- Available in 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 54 000 hours to L70
- 0-10 V dimming driver. Dimming cables sold separately, see ordering guide
- 2.5 kV surge protection (standard). See options table for additional surge protection
- Operating temperature: -40 °C to +40 °C (-40 °F to +104 °F)

• Bluetooth® Mesh Control

Integrated Bluetooth® mesh technology allows for controllable features via the Stanpro Genio APP or by using the smart wall switches (sold separately). Controllable features include:

- Dimming
- Programming high frequency motion sensor
- Create groups, scenes, schedules and more

• Compliances

- Suitable for damp and wet locations
- IP66
- Meets requirements of ICES-005 class A
- UL1598, UL8750
- cETLus certified
- cCSAus
- NSF certified (Splash Zone and Non Food Zone)
- NEMA 4X certified
- IK10 (lens and housing)
- DLC Premium and Standard
- BC Hydro



OVERVIEW

Light source	LED
Watts (W)	30/40/50 30/45/60
Lumen output (lm)	4 320-9 000
Efficacy (lm/W)	140-154
Color temperature (K)	3 500/4 000/5 000
CRI	80+
Weight (lbs)	3.9

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Order code	Model number	Watts (W)	Volts (V AC)	Color temp. (K) ¹	Lumen output (lm) ^{2,3}	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming	Power factor	THD (%)	Master case qty
Without integrated sensor													
70482	VTL4-3-PS1-Q-3C	30/40/50	120-347	3 500/4 000/5 000	4 320-7 200	144	80+	54 000	54 000	0-10 V	≥0.90	≤20	6
70483	VTL4-3-PS2-Q-3C	30/45/60	120-347	3 500/4 000/5 000	4 500-9 000	150	80+	54 000	54 000	0-10 V	≥0.90	≤20	6
With integrated sensor													
70535	VTL4-3-PS1-Q-3C-BMS	30/40/50	120-347	3 500/4 000/5 000	4 320-7 200	144	80+	54 000	54 000	0-10 V	≥0.90	≤20	6
70536	VTL4-3-PS2-Q-3C-BMS	30/45/60	120-347	3 500/4 000/5 000	4 500-9 000	150	80+	54 000	54 000	0-10 V	≥0.90	≤20	6

¹ Typical color temperature range: +/- 5 %.

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

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

DLC UNIQUE ID TABLE

Order code	Model number	DLC Premium Unique ID	DLC Standard Unique ID	DLC Standard Unique ID
		Stairwell	Direct Linear Ambient	Low-Bay
70482	VTL4-3-PS1-Q-3C	S-CN9BRR	S-GRLQQZ	S-WSK9NR
70483	VTL4-3-PS2-Q-3C	S-3JC02P	S-MB8352	S-OVGPJM
70535	VTL4-3-PS1-Q-3C-BMS	S-CN9BRR	S-GRLQQZ	S-WSK9NR
70536	VTL4-3-PS2-Q-3C-BMS	S-3JC02P	S-MB8352	S-OVGPJM

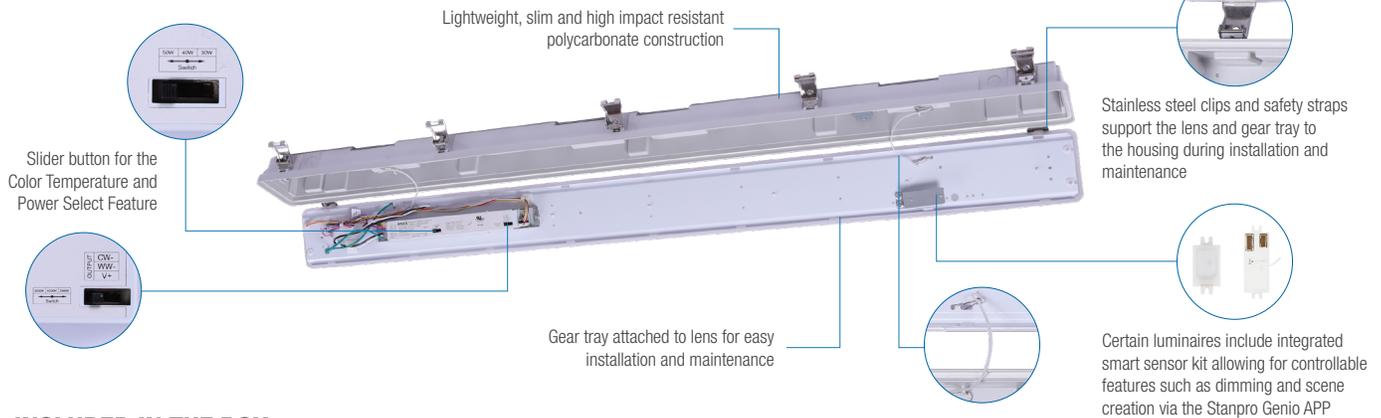
LUMEN SPECIFICATION TABLE

Order Code	Model Number	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)
70482	VTL4-3-PS1-Q-3C	30	4 320	144	4 380	146	4 350	145
		40	5 680	142	5 800	145	5 720	143
		50	7 000	140	7 200	144	7 050	141
70483	VTL4-3-PS2-Q-3C	30	4 500	150	4 620	154	4 530	151
		45	6 615	147	6 840	152	6 660	148
		60	8 700	145	9 000	150	8 760	146
70535	VTL4-3-PS1-Q-3C-BMS	30	4 320	144	4 380	146	4 350	145
		40	5 680	142	5 800	145	5 720	143
		50	7 000	140	7 200	144	7 050	141
70536	VTL4-3-PS2-Q-3C-BMS	30	4 500	150	4 620	154	4 530	151
		45	6 615	147	6 840	152	6 660	148
		60	8 700	145	9 000	150	8 760	146

DEFAULT PROGRAMMING

70482: 50 W / 4 000 K
 70483: 60 W / 4 000 K
 70535: 50 W / 4 000 K
 70536: 60 W / 4 000 K

PRODUCT FEATURES



INCLUDED IN THE BOX



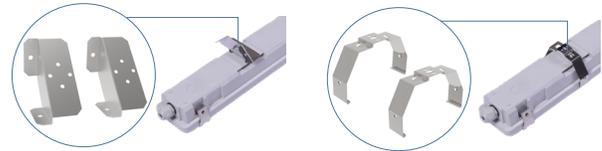
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

ACCESSORIES (order separately)

Order code	Type	Compatible with
69589	90° Angle Brackets (2pcs)	All configurations
70510	Tamper proof brackets 4' (2pcs)	All configurations
69668 ¹	Junction box bracket (1pc)	All configurations
69588	Replacement surface mounting brackets and V-Hooks (2pcs)	All configurations
70539	Replacement 4ft frosted polycarbonate lens	All configurations
70484	Replacement stainless steel latch kit with hole (10pcs)	All configurations
70403	Replacement hardware kit: watertight end caps (2pcs), watertight glands (2pcs), surface mount brackets (2pcs), V-hooks (2pcs) and mounting hardware	All configurations
70404	Replacement watertight gland (1pc)	All configurations
70405	Replacement watertight end cap (1pc)	All configurations
70540	Replacement for 30/40/50W driver (1pc)	70482, 70535
70541	Replacement for 30/45/60W driver (1pc)	70483, 70536
70542 ²	Replacement for 30/40/50W internal module (1pc)	70482, 70535
70543 ²	Replacement for 30/45/60W internal module (1pc)	70483, 70536

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)



90° Angle Brackets (set of 2)

Tamper Proof Brackets (set of 2)



Junction Box Bracket (set of 1)



Replacement frosted polycarbonate lens

Replacement latch kit with hole (set of 10)

SMART ACCESSORIES (order separately) G[®]

Order code	Type	Compatible with
69733	Genio Bluetooth [®] Mesh internal integrated fixture adapter	70482, 70483
70222	Genio Bluetooth [®] Mesh kit internal high frequency sensor (69732) and integrated fixture adapter (69733)	70482, 70483

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.



Replacement for driver (1pc)



Replacement for internal module (1pc)

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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
70222	Internal	High Frequency	120-347	40	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
70222	Internal	High Frequency	120-347	40	100	See app	See App	See App	See App	Dry and damp	-30°C to +40°C	N/A

TRI-LEVEL SENSORS

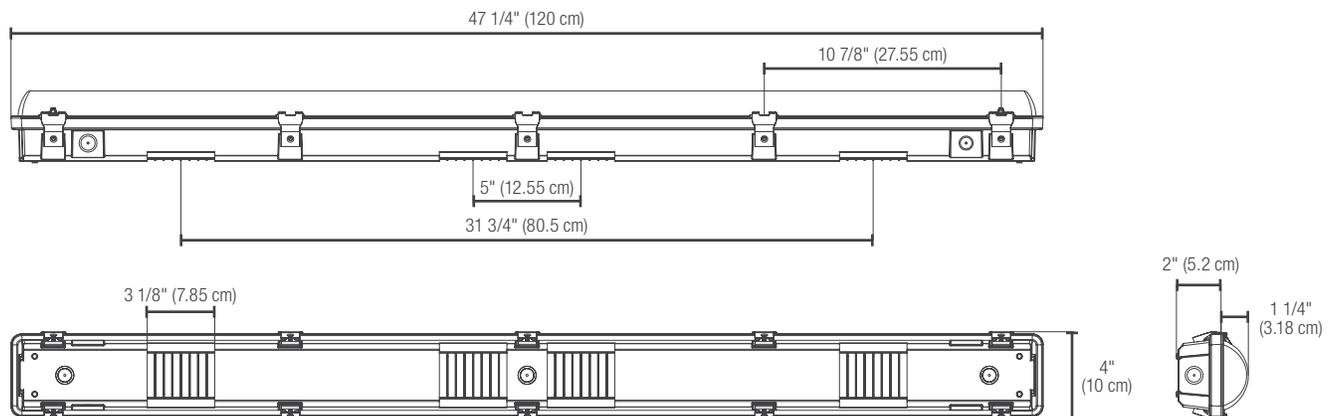
Detection - On at (*Detection Area*) % during (*Hold Time*) min., then (*Stand-by Dim level*) % during (*Stand-by period*) min. Off

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
70222	Internal	High Frequency	120-347	40	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

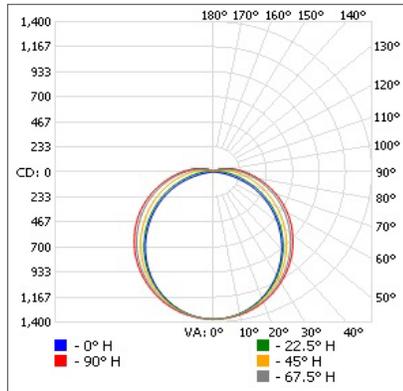
DIMENSIONS



PHOTOMETRIC DATA¹

70482 • VTL4-3-PS1-Q-3C • 30 W • 4 000 K • 4 552 lm

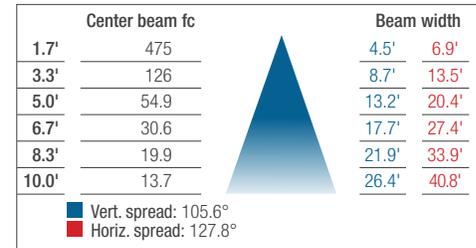
Polar candela distribution



Zonal lumen summary

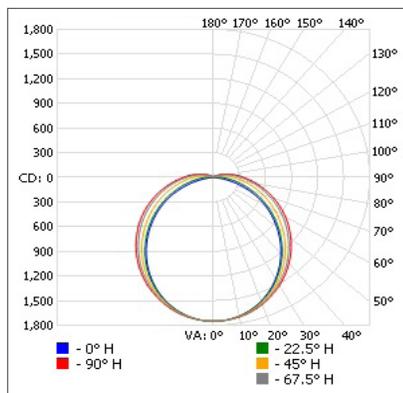
Zone	Lumens	% Fixture
0-30	1 059.5	23.3
0-40	1 733.3	38.1
0-60	3 095.3	68
60-90	1 187.4	26.1
70-100	779.7	17.1
90-120	237.2	5.2
0-90	4 282.7	94.1
90-180	269.2	5.9
0-180	4 551.9	100

Illuminance at a distance



70482 • VTL4-3-PS1-Q-3C • 40 W • 4 000 K • 5 806 lm

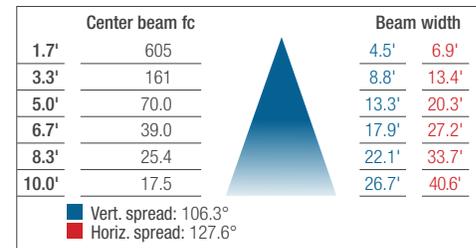
Polar candela distribution



Zonal lumen summary

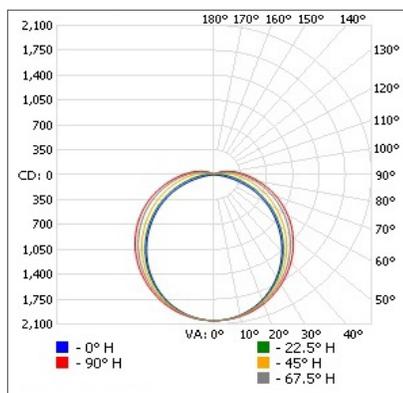
Zone	Lumens	% Fixture
0-30	1 353.7	23.3
0-40	2 216.7	38.2
0-60	3 960.3	68.2
60-90	1 509.9	26
70-100	986.9	17
90-120	295.8	5.1
0-90	5 470.2	94.2
90-180	335.3	5.8
0-180	5 805.5	100

Illuminance at a distance



70482 • VTL4-3-PS1-Q-3C • 50 W • 4 000 K • 6 808 lm

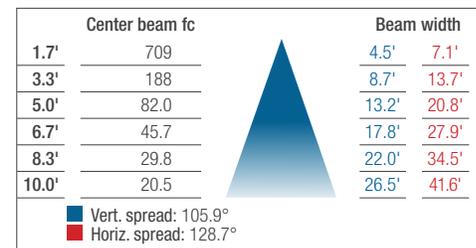
Polar candela distribution



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



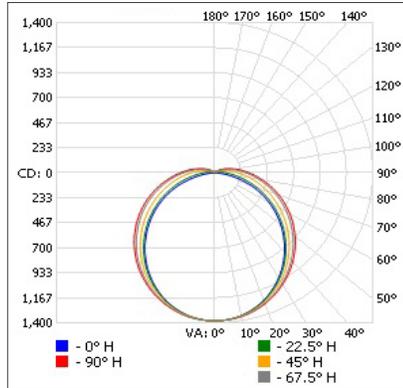
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

70483 • VTL4-3-PS2-Q-3C • 30 W • 4 000 K • 4 710 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 071.4	22.8
0-40	1 757.1	37.3
0-60	3 154.6	67
60-90	1 249.5	26.5
70-100	837.2	17.8
90-120	271.0	5.8
0-90	4 404.1	93.5
90-180	305.4	6.5
0-180	4 709.5	100

Illuminance at a distance

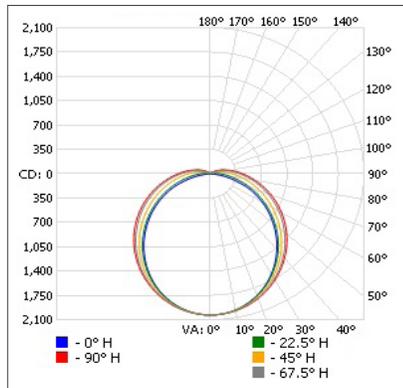
Center beam fc	Beam width
1.7'	478
3.3'	127
5.0'	55.3
6.7'	30.8
8.3'	20.1
10.0'	13.8

Beam width	4.6'	7.2'
1.7'	9.0'	14.0'
3.3'	13.6'	21.2'
5.0'	18.2'	28.4'
6.7'	22.6'	35.2'
8.3'	27.2'	42.4'

Vert. spread: 107.4°
 Horiz. spread: 129.5°

70483 • VTL4-3-PS2-Q-3C • 45 W • 4 000 K • 6 920 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 575.4	22.8
0-40	2 583.6	37.3
0-60	4 639.4	67
60-90	1 834.5	26.5
70-100	1 227.5	17.7
90-120	395.5	5.7
0-90	6 473.9	93.6
90-180	446.0	6.4
0-180	6 919.9	100

Illuminance at a distance

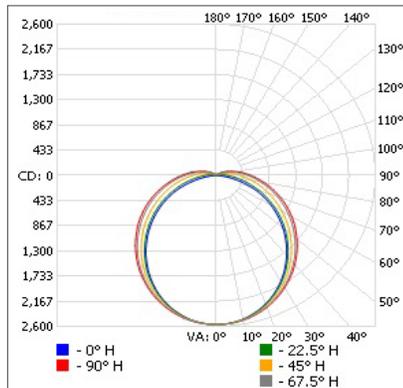
Center beam fc	Beam width
1.7'	703
3.3'	187
5.0'	81.3
6.7'	45.3
8.3'	29.5
10.0'	20.6

Beam width	4.6'	7.1'
1.7'	9.0'	13.8'
3.3'	13.6'	20.9'
5.0'	18.3'	28.1'
6.7'	22.6'	34.8'
8.3'	27.2'	41.9'

Vert. spread: 107.4°
 Horiz. spread: 129.0°

70483 • VTL4-3-PS2-Q-3C • 60 W • 4 000 K • 8 759 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 992.1	23.3
0-40	3 267.4	38.1
0-60	5 867.8	68.1
60-90	2 323.9	26.1
70-100	1 555.8	17.1
90-120	503.2	5.2
0-90	8 191.7	94.1
90-180	566.9	5.9
0-180	8 758.6	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	888
3.3'	236
5.0'	103
6.7'	57.2
8.3'	37.3
10.0'	25.7

Beam width	4.6'	7.2'
1.7'	9.0'	13.9'
3.3'	13.6'	21.1'
5.0'	18.3'	28.3'
6.7'	22.6'	35.1'
8.3'	27.3'	42.2'

Vert. spread: 107.5°
 Horiz. spread: 129.3°

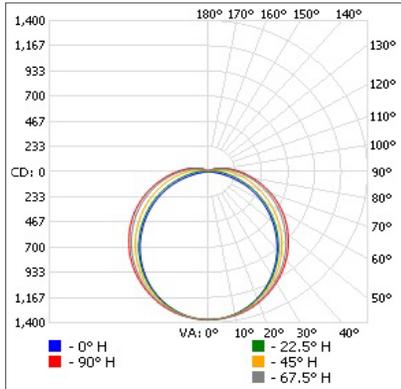
¹ Complete IES files available on our website.

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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

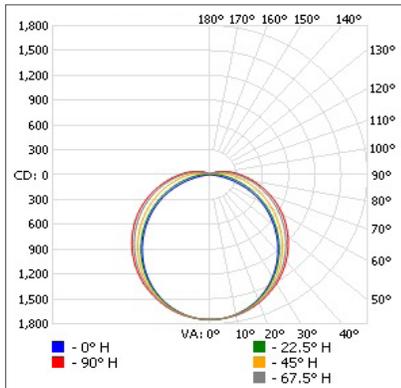
Illuminance at a distance

Center beam fc	Beam width	
	4.5'	6.9'
1.7'	475	8.7'
3.3'	126	13.2'
5.0'	54.9	17.7'
6.7'	30.6	21.9'
8.3'	19.9	26.4'
10.0'	13.7	33.9'

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

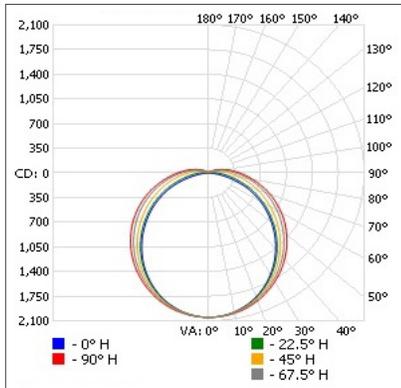
Illuminance at a distance

Center beam fc	Beam width	
	4.5'	6.9'
1.7'	605	8.8'
3.3'	161	13.3'
5.0'	70.0	17.9'
6.7'	39.0	22.1'
8.3'	25.4	26.7'
10.0'	17.5	33.7'

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	
	4.5'	7.1'
1.7'	709	8.7'
3.3'	188	13.2'
5.0'	82.0	17.8'
6.7'	45.7	22.0'
8.3'	29.8	26.5'
10.0'	20.5	34.5'

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

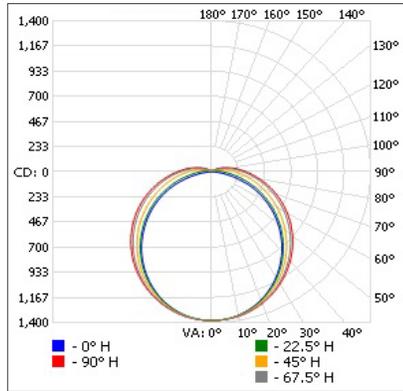
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

70536 • VTL4-3-PS2-Q-3C/BMS • 30 W • 4 000 K • 4 710 lm

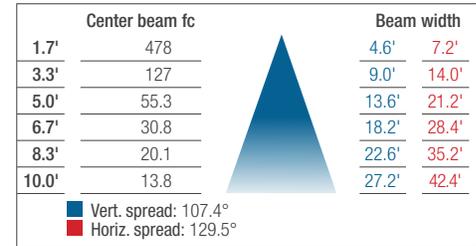
Polar candela distribution



Zonal lumen summary

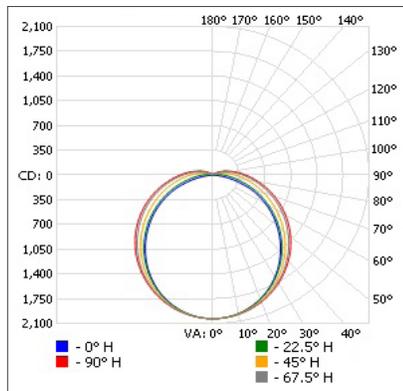
Zone	Lumens	% Fixture
0-30	1 071.4	22.8
0-40	1 757.1	37.3
0-60	3 154.6	67
60-90	1 249.5	26.5
70-100	837.2	17.8
90-120	271.0	5.8
0-90	4 404.1	93.5
90-180	305.4	6.5
0-180	4 709.5	100

Illuminance at a distance



70536 • VTL4-3-PS2-Q-3C/BMS • 45 W • 4 000 K • 6 920 lm

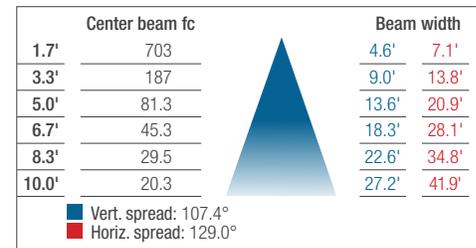
Polar candela distribution



Zonal lumen summary

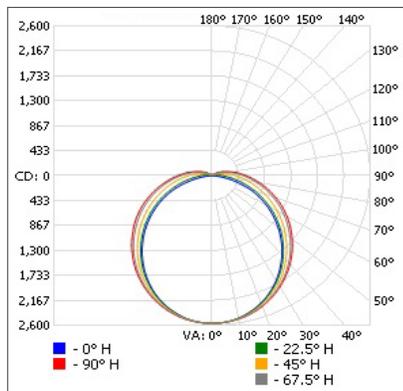
Zone	Lumens	% Fixture
0-30	1 575.4	22.8
0-40	2 583.6	37.3
0-60	4 639.4	67
60-90	1 834.5	26.5
70-100	1 227.5	17.7
90-120	395.5	5.7
0-90	6 473.9	93.6
90-180	446.0	6.4
0-180	6 919.9	100

Illuminance at a distance



70536 • VTL4-3-PS2-Q-3C/BMS • 60 W • 4 000 K • 8 759 lm

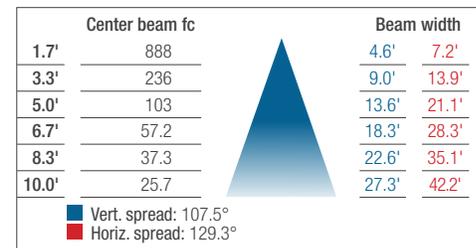
Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 992.1	22.7
0-40	3 267.4	37.3
0-60	5 867.8	67
60-90	2 323.9	26.5
70-100	1 555.8	17.8
90-120	503.2	5.7
0-90	8 191.7	93.5
90-180	566.9	6.5
0-180	8 758.6	100

Illuminance at a distance



¹ Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.