

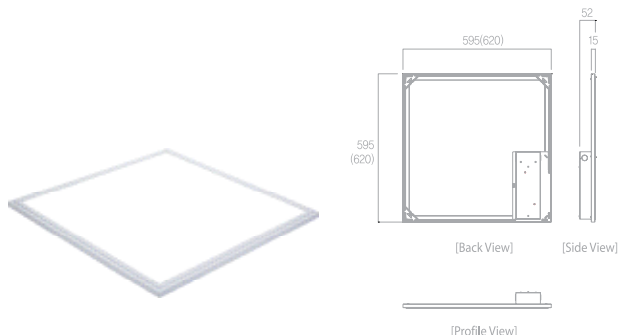
TECHNICAL INFORMATION BULLETIN

LED PANELS



ORDERING INFORMATION

Order code: 62419
 Description: LED/PANEL/2X2/45W/40K/120-277V/DIM/STD
 UPC: 69549624191
 Case quantity: 1



PERFORMANCE DATA

Initial lumens (lm)*: 3 456
 Initial lumens per watt (lm/W): 75
 Wattage (W): 45
 Lamp voltage (VAC): 120-277
 Colour temperature (K)**: 4 000
 CRI: 80
 Average life (hours)¹: 50 000
 Power factor: 0.9
 Operating temperature range: -20 °C/4 °F to 50 °C/122 °F
 Dimmable range: 0-10 V
 Environment: Dry locations only

¹L70 = 50 000 hours

* Initial lumens range +/- 5 %

** Typical colour temperature range +/- 5 %



COMPATIBLE DIMMER LIST

LUTRON

Family	Model number	Sub category	Capacity
NOVA T DIMMER & SWITCH	NTFTV	LED 10-10 VDC	0-10 V/ 30 mA / 16 A

LEVITON

Family	Model number	Sub category	Capacity
Decora Dimmable LED	IP710-DLZ	IllumaTech	1 200 VA @120 VAC 1 500 VA @277 VAC

WARNINGS AND IMPORTANT INFORMATION

- STANDARD'S LED Panels are a recessed lighting fixture for use in standard commercial ceiling grids - typically used to replace STANDARD fluorescent lamp fixtures.
- Installation and maintenance must be performed by licensed electricians only.
- To avoid risk of electric shock, make sure to turn off main power switch prior to installation or maintenance.
- Must be installed in compliance with Canadian Electrical Code in Canada or National Electrical Code (NEC) in the US.
- Make sure input voltage and frequency are compatible with the fixture. Check product manual for power requirements prior to installation.

WARNING - Risk of Electric Shock, Suitable for DRY and insulated locations.

- Must be grounded
- Minimum 90 °C supply conductors
- Access above ceiling is required
- Type IC
- Vapor barrier must be suitable for 90 °C
- Inherently protected
- Dry locations only
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved



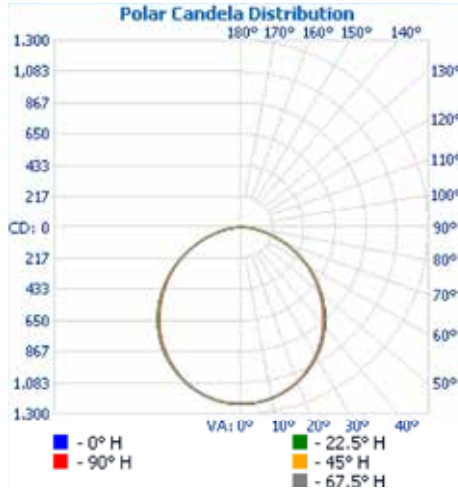
www.standardpro.com

October 28, 2013

TECHNICAL INFORMATION BULLETIN LED PANELS

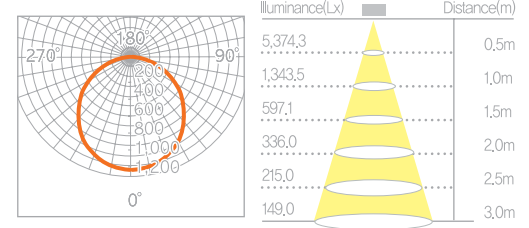


PHOTOMETRY



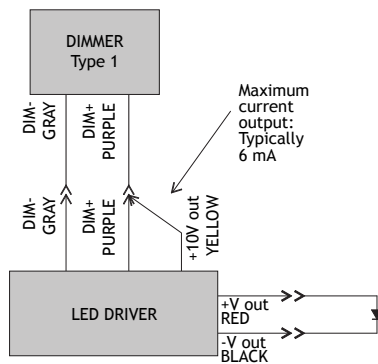
Lumens Per Zone

Zone	Lumens	% Total
0-10	116.3	3.4%
10-20	333.2	9.6%
20-30	504.4	14.6%
30-40	607.6	17.6%
40-50	625.4	18.1%
50-60	558.1	16.2%
60-70	417.2	12.1%
70-80	232.6	6.7%
80-90	60.0	1.7%

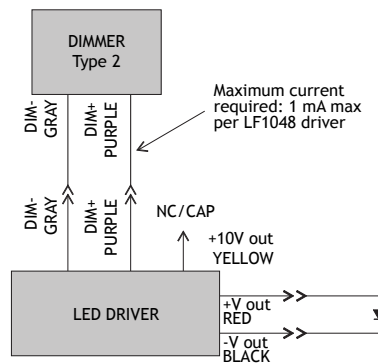


WIRING DIAGRAM

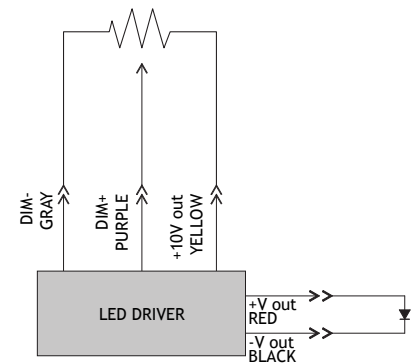
0-10V Fluorescent dimmer



Dimmer Controller / System



10K ohm (min) potentiometer



Type 1: Current sink controls: The standard requires that the driver provides full light output when the control voltage is 10 V- (or above).

Type 2: Current sourcing controls: Drivers using this protocol require the control to provide (source) the voltage.

Series Spec Sheet

SLA-2L / SLA-3L / SLA12-2L

“EASY OUT” STEEL BATTERY UNIT

The commercial SLA-2L, SLA-3L and SLA12-2L features a steel battery unit designed to provide efficient and reliable emergency lighting. Utilizing a sturdy all steel housing, our series presents a modern and unobtrusive design.

FEATURES & SPECIFICATIONS

• Circuitry

- 120/347V AC 60Hz input, field selectable
- High efficacy, rapid recovery, precision control charging system
- 6 V DC 36 W or 12 V DC 72 W emergency power output versions (as specified)
- Momentary push button test switch
- Diagnostic/pilot LED for AC ON and CHARGE
- Fully automatic, current limiter charger
- Line latched, low voltage protection
- Solid state design and construction
- Short circuit protection
- Brown out circuit monitors flow of AC current and will energize the battery unit with emergency power when reduction in power occurs
- Temperature compensated
- Complete battery recharge in 24 hours
- Maintenance free, sealed lead acid battery
- Wire connexions provided for remote load

• Mechanical

- 18 gauge steel construction
- 120V AC line cord installed
- Universal spider knockout pattern and keyhole mounting slots stamped into back of cabinet
- Multiple conduit entry knockouts
- White powder coat finish
- PAR18 small style, high impact thermoplastic heads complete with high output optics
- LED heads with limited lifetime warranty¹

• Approvals

- CSA Certified to C22.2 #141-15
- Meets requirements of ICES-005



OVERVIEW

SLA-2L	<ul style="list-style-type: none"> – 6 V DC 36 W Battery Capacity – Over 4 hours Duration Standalone Unit – 2 x 2 W Crisp White LED heads with high output optics
SLA-3L	<ul style="list-style-type: none"> – 6 V DC 36 W Battery capacity – Over 3 hours duration standalone unit – 2 x 3 W Crisp white LED heads with high output optics
SLA12-2L	<ul style="list-style-type: none"> – 12 V DC 72 W Battery Capacity – Over 8 hours Duration Standalone Unit – 2 x 2.5 W Crisp White LED heads with high output optics



quick
ship



LED
fixture



ICES
005



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Part number	DC Volts (V DC)	Watts (W)	Nbr of heads	Heads	Lamps (W)	Light source	Input Volts (V AC)	Color
SLA-2L	6	36	2	N	2	LED	120/347	White
SLA-3L	6	36	2	N	3	LED	120/347	White
SLA12-2L	12	72	2	N	2.5	LED	120/347	White

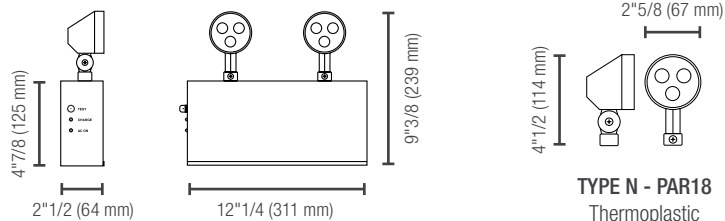
QUICK SHIP: Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

MODEL RATINGS

Model	Volts (V)	Wattage capacities (W)			
		30 min.	60 min.	90 min.	120 min.
SLA-2L	6	36	18	12	9
SLA-3L	6	36	18	12	9
SLA12-2L	12	72	36	24	18

WIREGUARD

Part number	Dimensions (in)
WGD590-V2	16.75 x 17.75 x 6.5

DIMENSIONS


TYPE N - PAR18
Thermoplastic

SPACING GUIDE

Mounting height	Spacing center to center (ft)		
	2 W	2.5 W	3 W
8 ft	31	41	78
10 ft	32	37	75
15 ft	23	38	66
20 ft	19	21	59

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.



Series Spec Sheet

KOLIKA QUICK SHIP - L1KCL GEN 2

3CCT SELECTABLE 4' OR 8' SUSPENDED

The KOLIKA luminaires offer a sleek and lightweight design, making it the perfect choice for creating a modern atmosphere in any office, commercial or retail space.

These 4' and 8' luminaires are available in a black or white matte finish and features the versatility to change the color temperature using a simple switch located inside the luminaire.

The KOLIKA GEN2 series also includes a stylish up and down light option, which provides a lovely indirect diffused light with more light directed downward to light up the desired space efficiently.

FEATURES AND SPECIFICATIONS

• Construction

Housing

The body is made of extruded aluminum

Finishes

Matte white and matte black

Lens

Opal acrylic

• Installation

Suspended installation

10' suspended aviation cable, 10' power cord and one canopy is included

A joiner accessory is sold separately and provides a continuous mount with seamless lighting

• Specifications

Driver

120-277 V electronic driver with 0-10 V dimming standard.

Lumens

25% of lumens delivered uplight
75% of lumens delivered downlight

Beam angle

– 4': V: 108°/ H: 105°
– 8': V: 108°/ H: 105°

Ambient temperature

– -20° C ~ +55° C

• Compliances

- cULus
- ICES-005 for Class A products
- Suitable for damp locations

5 yrs
warranty

quick
ship

LED
fixture

dimmable

damp
location

ICES
005

Direct
Light

Direct / Indirect
Light

3
CCT TCC
3 000/3 500/4 000 K

cULus

OVERVIEW

Light source	LED
Watts (W)	25 - 80
Lumen output (lm)	3 026 - 9 760
Efficiency (lm/W)	76 - 122
Color temperature (K)	3 000/3 500/4 000
CRI	80+
Weight (lbs)	4' : 6, 8':12

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 1

Order code	Model number	Watts (W)	Volts (VAC)	Colour temp. (K) ²	Lumen (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Finish	Power factor	THD (%)	Case qty (master)
4'												
Direct												
68575	L1KCL-G2-4LS1-3C-WH	25	120-277	3 000/3 500/4 000	3 026	76	80+	54 000	White	>0.9	<15	6
68576	L1KCL-G2-4LS2-3C-WH	40	120-277	3 000/3 500/4 000	4 844	121	80+	54 000	White	>0.9	<15	6
68577	L1KCL-G2-4LS2-3C-BK	40	120-277	3 000/3 500/4 000	4 844	121	80+	54 000	Black	>0.9	<15	6
Direct/Indirect												
68578	L1KCL-G2-4LS2U-3C-WH	40	120-277	3 000/3 500/4 000	4 361 ⁵	109	80+	54 000	White	>0.9	<15	6
68579	L1KCL-G2-4LS2U-3C-BK	40	120-277	3 000/3 500/4 000	4 361 ⁵	109	80+	54 000	Black	>0.9	<15	6
8'												
Direct												
68580	L1KCL-G2-8LS1-3C-WH	80	120-277	3 000/3 500/4 000	9 760	122	80+	54 000	White	>0.9	<15	4
68581	L1KCL-G2-8LS1-3C-BK	80	120-277	3 000/3 500/4 000	9 760	122	80+	54 000	Black	>0.9	<15	4
Direct/Indirect												
68582	L1KCL-G2-8LS1U-3C-WH	80	120-277	3 000/3 500/4 000	8 800 ⁵	110	80+	54 000	White	>0.9	<15	4
68583	L1KCL-G2-8LS1U-3C-BK	80	120-277	3 000/3 500/4 000	8 800 ⁵	110	80+	54 000	Black	>0.9	<15	4

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are based on 3 500 K default setting. Please refer to Quick Ship Technical Specification Table for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

⁵ 25% of lumen delivered uplight / 75% of lumen delivered downlight

QUICK SHIP TECHNICAL SPECIFICATION TABLE

Direct

Order code	Model number	Watts (W)	3 000 K		3 500 K		4 000 K	
			Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)
68575	L1KCL-G2-4LS1-3C-WH	25	2 875	72	3 026	76	3 058	76
68576	L1KCL-G2-4LS2-3C-WH	40	4 538	113	4 844	121	4 827	120
68577	L1KCL-G2-4LS2-3C-BK	40	4 538	113	4 844	121	4 827	120
68580	L1KCL-G2-8LS1-3C-WH	80	9 120	114	9 760	122	9 680	121
68581	L1KCL-G2-8LS1-3C-BK	80	9 120	114	9 760	122	9 680	121

Default programming: 3 500K

Direct / Indirect

Order code	Model number	Watts (W)	3 000 K				3 500 K				4 000 K			
			Total lumens (lm)	Up light lumens (lm)	Down light lumens (lm)	Efficiency (lm/w)	Total lumens (lm)	Up light lumens (lm)	Down light lumens (lm)	Efficiency (lm/w)	Total lumens (lm)	Up light lumens (lm)	Down light lumens (lm)	Efficiency (lm/w)
68578	L1KCL-G2-4LS2U-3C-WH	40	4 121	1 030	3 091	103	4 361	1 090	3 271	109	4 414	1 104	3 311	110
68579	L1KCL-G2-4LS2U-3C-BK	40	4 121	1 030	3 091	103	4 361	1 090	3 271	109	4 414	1 104	3 311	110
68582	L1KCL-G2-8LS1U-3C-WH	80	8 320	2 080	6 240	104	8 800	2 200	6 600	110	8 880	2 220	6 660	111
68583	L1KCL-G2-8LS1U-3C-BK	80	8 320	2 080	6 240	104	8 800	2 200	6 600	110	8 880	2 220	6 660	111

Default programming: 3 500K

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	Part number	Type	Compatible with
68584	KIT-CK2	Continuous kit for row mounting	L1KCL Gen2 Only
69097	KIT-CANOPY-WH	Canopy Kit with suspension cable	L1KCL Gen2 Only
69098	KIT-CANOPY-BK	Canopy Kit with suspension cable	L1KCL Gen2 Only

* Please ensure to order a new kit for every fixture added.

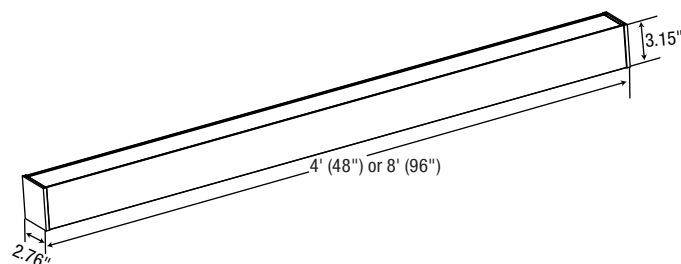
COMPATIBLE DIMMERS

Brand	Model number
Lutron	DVSTV-WH DVTV-WH
Eaton	DF10P-C1
Cooper	SF10P-W
Leviton	DS710-10Z

¹ Dimming range: 10%-100%

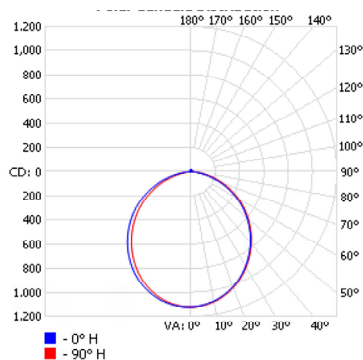
² The fixture dimmer compatibility table shown above is for dimming functionality only. The dimmers listed in this chart may not comply to ICES 005 class A or B standards. To confirm ICES 005 compliance please contact the dimmer manufacturer.

DIMENSIONS

PHOTOMETRIC DATA¹

68575 • L1KCL-G2-4LS1-3C-WH • 3 026 lm • 3 500K

Polar candela distribution



Zonal lumen summary

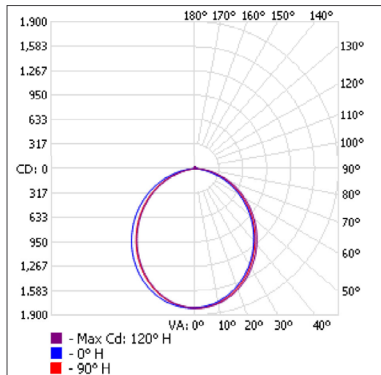
Zone	Lumens	% Fixture
0-30	854.9	28.3
0-40	1 385.3	45.8
0-60	2 403.2	79.4
60-90	585.9	19.4
70-100	233.4	7.7
90-120	11.2	0.4
0-90	2 989.2	98.8
90-180	36.8	1.2
0-180	3 026.0	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	280.5	5.5'	5.3'
4.0'	70.1	11.0'	10.6'
6.0'	31.2	16.6'	15.9'
8.0'	17.5	22.1'	21.2'
10.0'	11.2	27.6'	26.5'

■ Vert.. spread: 108.2°
■ Horiz. spread: 105.9°

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.

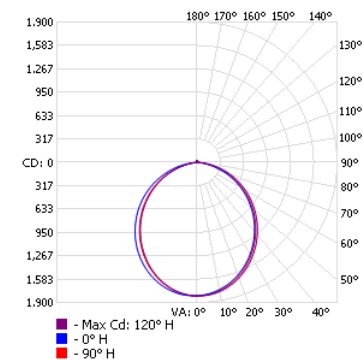
PHOTOMETRIC DATA¹
68576 • L1KCL-G2-4LS2-3C-WH • 4 843.7 lm • 3 500K
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 374.7	28.4
0-40	2 224.4	45.9
0-60	3 849.5	79.5
60-90	934.9	19.3
70-100	372.9	7.7
90-120	18.1	0.4
0-90	4 784.4	98.8
90-180	59.3	1.2
0-180	4 843.7	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	451.7	5.5'	5.2'
4.0'	112.7	10.9'	10.5'
6.0'	50.2	16.4'	15.7'
8.0'	28.2	21.8'	20.9'
10.0'	18.1	27.3'	26.1'

Vert. spread: 107.5°
 Horiz. spread: 105.2°

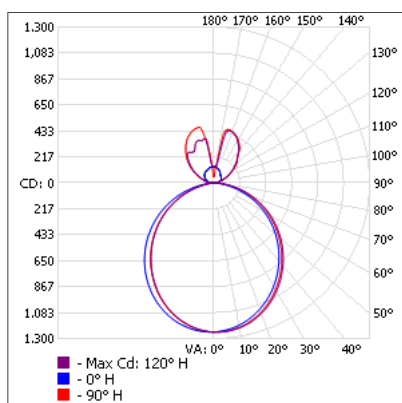
68577 • L1KCL-G2-4LS2-3C-BK • 4 827.4 lm • 3 500K
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 368.3	28.3
0-40	2 214.6	45.9
0-60	3 834.9	79.4
60-90	933.5	19.3
70-100	372.2	7.7
90-120	18.0	0.4
0-90	4 768.4	98.8
90-180	59.0	1.2
0-180	4 827.4	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	449.7	5.5'	5.2'
4.0'	112.4	11.0'	10.5'
6.0'	50.0	16.4'	15.7'
8.0'	28.1	21.9'	21.0'
10.0'	18.0	27.4'	26.2'

Vert. spread: 107.7°
 Horiz. spread: 105.3°

68579 • L1KCL-G2-4LS2U-3C-BK • 4 413.6 lm • 3 500K
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	956.0	21.7
0-40	1 549.1	35.1
0-60	2 687.9	60.9
60-90	662.3	15
70-100	286.1	6.5
90-120	218.4	4.9
0-90	3 350.1	75.9
90-180	1 063.5	24.1
0-180	4 413.6	100

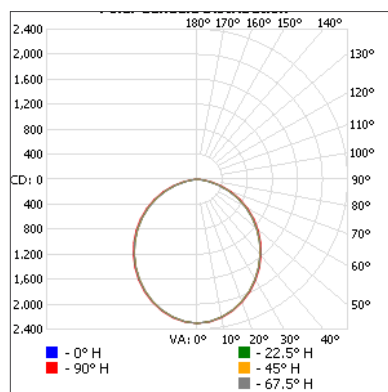
Illuminance at a distance

PCenter beam fc		Beam width	
2.0'	314.7	5.5'	5.3'
4.0'	78.7	11.0'	10.6'
6.0'	35.0	16.6'	15.8'
8.0'	19.7	22.1'	21.1'
10.0'	12.6	27.6'	26.4'

Vert. spread: 108.1°
 Horiz. spread: 105.7°

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.

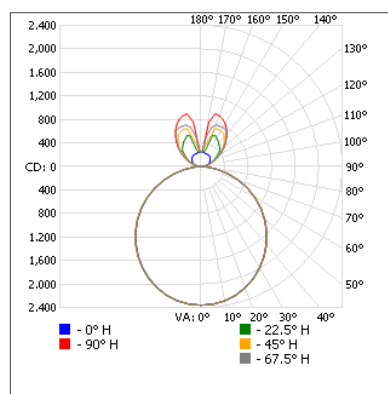
PHOTOMETRIC DATA¹
68581 • L1KCL-G2-8LS1-3C-BK • 6 108.9 lm • 3 500K
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 732.8	28.4
0-40	2 806.1	45.9
0-60	4 875.9	79.8
60-90	1 233.0	20.2
0-90	6 108.9	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	573.6	5.4'	5.5'
4.0'	143.4	10.7'	11.0'
6.0'	63.7	16.1'	16.5'
8.0'	35.9	21.4'	21.9'
10.0'	22.9	26.8'	27.4'

■ Vert. spread: 106.5°
■ Horiz. spread: 107.8°

68583 • L1KCL-G2-8LS1U-3C-BK • 9 208.1 lm • 3 500K
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 901.0	20.6
0-40	3 117.9	33.9
0-60	5 554.8	60.3
60-90	1 626.5	17.7
70-100	745.5	8.2
90-120	409.5	4.4
0-90	7 181.3	78
90-180	2 026.8	22
0-180	9 208.1	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	609.6	6.2'	6.2'
4.0'	152.4	12.4'	12.3'
6.0'	67.7	18.5'	18.5'
8.0'	38.1	24.7'	24.7'
10.0'	24.4	30.9'	30.9'

■ Vert. spread: 114.1°
■ Horiz. spread: 114.1°

¹ Complete IES files available on our website.

Series Spec Sheet

RMTE

EDGE LIT

Universal Mounting

The RMTE series of commercial edgelit signs provides interiors with a clean, distinguished appearance. Standard universal surface mount with optional recessed backbox assembly. The RMTE series is available in AC only, AC/DC and internally self-powered versions.

FEATURES AND SPECIFICATIONS

• Electrical circuitry - AC & AC/DC

- LED ultra bright light source
- 120/277/347V AC Input, field selectable
- 120V/0.029 A/2.00W, 277V/0.008 A/1.60W, or 347V/0.011 A/1.90W max power consumption
- Emergency DC wattages as follows:
6V DC = 0.88W 12V DC = 0.85W
24V DC = 0.78W

• Electrical self-powered

- LED ultra bright light source
- 120/277/347V AC Input, field selectable
- 120V/0.034 A/3.50W, 277V/0.012 A/2.85W, or 347V/0.013 A/3.50W max power consumption
- High-performance, sealed Ni-Cad battery
- 90 minutes emergency duration (standard)
 120 minutes emergency duration is optional
- Solid state transfer and battery charger

• Specifications

- Housing, chassis, and finish trims are made from high grade aluminum. Backbox is made of steel.
- All electronics and faceplate mounted to single chassis for rapid and simple installation
- Separate backbox/housing (IC) can be pre-installed at any time prior to faceplate and electronics
- Hanger bars for drywall ceilings or walls included. Maximum extension of 540 mm
- White powder coat finish standard
- Every unit come standard with multiple running man legends
- Universal mounting for surface wall, ceiling, and pendant
- Black end caps and canopy come standard with brushed aluminum finish

• Approvals

- CSA Certified to C22.2 #141-15
- CSA Certified to C860-11

• Compliance

- Meets requirements of ICES-005



OVERVIEW

Light source	LED
Input voltage (V AC)	120/277/347
Input voltage	UDC or AC only: 120 V / 0.029 A / 2.00 W 277 V / 0.008 A / 1.60 W 347 V / 0.011A / 1.90 W Self-powered: 120 V / 0.034 A / 3.50 W 277 V / 0.012 A / 2.85 W 347 V / 0.013 A / 3.50 W
DC voltage/Power	06 V DC = 0.88 W 12 V DC = 0.85 W 24 V DC = 0.78 W

For complete warranty details, please see our terms and conditions on our website.



LED
fixture



ICES
005

TYPICAL SPECIFICATION



TYPICAL SPECIFICATION

Supply and install Stanpro RMTE Series, The Running Man Edgelit Exit Sign shall be surface or fully recessed, operate with AC/DC field selectable 120/277/347 V AC Input, field selectable Emergency DC voltage as follows 6 V 0.9 W, 12 V 0.9 W, 24 V DC 0.9 W. The Self powered configuration shall be AC field selectable 120/277/347v and consist of a long lasting Nickel-Cadmium battery and shall stay illuminated for a minimum of 120 minutes upon AC failure. The face shall be illuminated by using Nichia LED ultra-bright light source. The sign shall be surface mount and suitable for, end, ceiling, or wall mount and come complete with 3 Running Man fibers for universal direction. The frame shall be extruded aluminum and come complete with a polycarbonate face plate for maximum uniformity. The recessed option shall consist of a rigid steel back box and come complete with field adjustable hanger bars. The Exit Running Man Sign shall be CSA 22.2 No.141-15 certified, ICES 005 compliant and be Stanpro model number RMTE_____.

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.

ORDERING GUIDE

RMTE					
Series	Nbr of faces	Mounting	Color	DC Voltage*	Options
RMTE	0 - Universal 1 ¹ - Single face 2 ¹ - Double face	UM - Universal mount PM - Pendant mount	WH - White (standard) BK - Black BA - Brushed aluminum	UDC - Universal DC backup voltage from 6, 12 or 24 V DC selectable IB - Self-powered for 90 minutes IB1 - Self-powered for 120 minutes	AT - Automatic test Self-diagnostic OP - Special wording CCWH ² - Canopy and endcaps white (order separately) 0 - No indicators (double face only) ↓ ↑ ↗ ↘ ↙ ↘ D U UR DR DL UL

*If AC only is required, select the UDC option and do not connect the DC wires when installing.

¹ Unit comes standard as universal face. Single face or double face should only be specified when choosing nonstandard fibers.

² For brushed aluminum only.

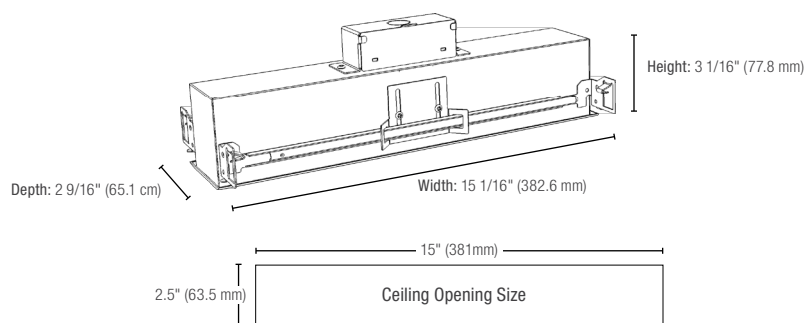
ACCESSORIES (order separately)

Part number	Type
CPY-CCWH-SIN	Canopy and endcaps white (for brushed aluminum only)

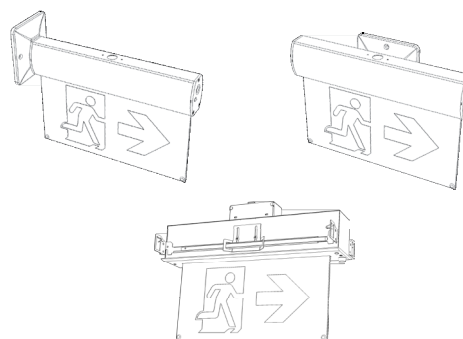
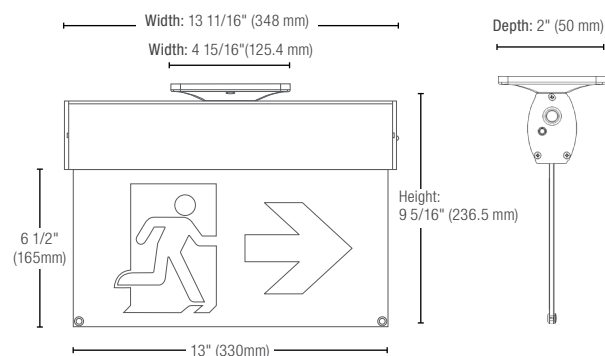
MOUNTING

To convert from surface mount to recessed mount, please order appropriate colored mounting conversion kit separately.

Part number	Type
UDC	
BBX-TE-BA-U	Recessed backbox with brushed aluminum trim
BBX-TE-WH-U	Recessed backbox with white trim
BBX-TE-BK-U	Recessed backbox with black trim
IB	
BBX-TE-BA-B	Recessed backbox with brushed aluminum trim
BBX-TE-WH-B	Recessed backbox with white trim
BBX-TE-BK-B	Recessed backbox with black



DIMENSIONS



CONFIGURATIONS



Comes standard with three pictogram legends for direction selection.

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.



IM#: 10-0003384

Sound Masking for Today's Changing Workplace

Controlling noise levels is critical in increasingly interactive and exposed workplaces. Solo workers need freedom from excessive volume so they can concentrate, while teams need reassurance that confidential conversations won't be unintentionally overheard.

QtPro™ sound masking system can help. Designed and built by the acoustics experts at Cambridge Sound Management, this solution reduces distraction and protects privacy with patented Qt Quiet Technology™. A variety of control modules and emitters make it easy to adjust sound masking, paging or music volumes to suit the needs of each office zone – from open areas to private enclaves. QtPro is simple to install for decreased downtime, and uses minimal power for little to no impact on building systems.

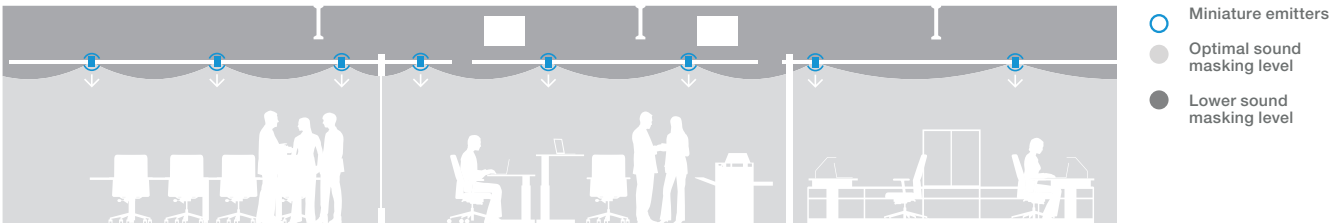
43%

In a study of more than 23,000 workers, an average of 43% of respondents believe noise has a negative impact on their work.

Source: The Center for the Built Environment

Making a Sound Comparison

QtPro™ is a direct-field sound masking system that is more efficient and effective than traditional in-plenum systems.



The direct-field difference. QtPro uniformly disperses a pre-tuned sound masking signal directly into the workspace. The result is a consistent sound throughout the space that is easily achievable without complex tuning.



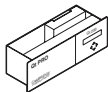
In-plenum systems fall short. Plenum-based sound masking systems project sound upward with use speakers above the ceiling. Beams, HVAC components and other obstructions above the ceiling affect how sound filters into the workspace. Sound is inconsistent and unpredictable, and requires tedious tuning to achieve even coverage.

STATEMENT OF LINE

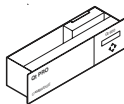
CONTROL MODULES



Qt 100
Height: 3.5"
Width: 7"
Depth: .875"



Qt 300
Height: 3.5"
Width: 11"
Depth: 3.8"



Qt 600
Height: 3.5"
Width: 13.5"
Depth: 3.8"

ADJUSTABLE EMITTERS



Qt Emitter
Height: 2.5"
Width: 3.5"



Qt Active Emitter
Height: 3.25"
Width: 3.5"

MOUNTING COMPONENTS



Emitter Mounting Components
Components include an external mounting bracket, external mounting clamp, drywall mounting bracket, pendant mount and plenum back can.

Steelcase®

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