Technical Information Bulletin

VELOCE

Date: _____
In hands date of project: _____
Project name/Number: _____
Name of distributor: _____
Client #: _____
Name of end user: _____

Dia. 4 $^{23}/_{32}$" (123 mm) Height 3 $^{31}/_{32}$" (101 mm)

ORDERING INFORMATION

Order code:	64751
Description:	VELOCE4/MOD/13W/35K/45/BLK/STD
UPC:	69549647510
Case quantity:	1 / 4

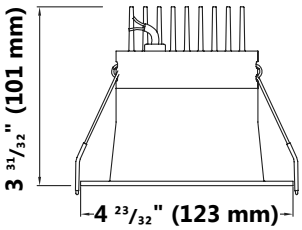
LED MODULE PERFORMANCE DATA

Type:	Veloce 4
Mounting:	Recessed
Wattage (W):	13
Lens type:	Clear glass
Baffle colour:	Black
Beam angle (°):	45
Colour temperature (K):**	3 500
Initial lumens (lm)*:	1 000
Initial lumens per watt (lm/W):	63
Average life in hours:	50 000
CRI:	90
CBCP:	1 781
Glare rating:	17
Traditional equivalent:	20W Metal Halide / 26W PL
IP rating:	IP40
Dimmer type:	0-10V
Ambient operating temperatures:	-20°C / -4°F to 40°C / 104°F
THD (%):	20
Power factor:	0.9
Frequency (HZ):	50/60

***Initial lumens range: +/- 5 %** ****Typical colour temperature range: +/- 5 %**

INDOOR · DRY · CRI 90+ · DIMMABLE · IP40 RATING · 5 YEARS WARRANTY

TECHNICAL DRAWINGS



Cutting diameter
3 $^{17}/_{32}$" to 4 $^{1}/_{4}$"
(90 mm to 108 mm)

Suitable for double drywall
of maximum 1-inch thickness

CAN ICES-005 (B) - This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.

October 6, 2016

STANDARD®

Technical Information Bulletin

VELOCE

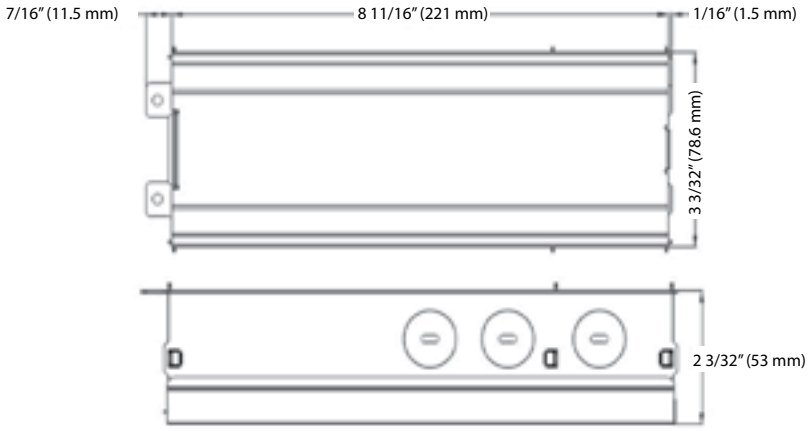
ORDERING INFORMATION

Order code: 64751
Description: VELOCE4/MOD/13W/35K/45/BLK/STD
UPC: 69549647510
Case quantity: 1 / 4

DRIVER PERFORMANCE DATA

System watts (W): 16
Maximum load (W): 18
Input voltage (VAC): 120-277
Output voltage (V): 30-42
Input current (Ma): 350

DRIVER TECHNICAL DRAWINGS



COMPATIBLE DIMMER LIST

Brand	Model
Leviton:	IPL710-DL
Lutron:	NFTV, NTFTV

*NOTE: Although this product is compatible with most common 0-10 V type dimmers, dimming performance varies from dimmer to dimmer. Dimmer settings (for dimmers with brightness range adjustments) and the number of LED modules installed on the circuit can affect dimming performance. Some dimmers have produced a reduced dimming range or exhibit a start-up flash.

COMPATIBLE CONTROLER

STANDARD: 61989

WARNINGS

- This device is not intended for use with emergency fixtures or emergency exit lights.
- 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.
- Do not open - no user serviceable parts inside.
- 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 installation guide for power requirements prior to installation.

WARNING – Risk of electric shock.

The attached data is provided to assist users in making lighting decisions based on various assumptions, factors and methods. Resources and efforts have been put in place to account for the data and the development of this tool however STANDARD does not warrant or guarantee that the results obtained will be accurate under actual use conditions. A lighting layout is recommend to ensure the proper light levels are attained to satisfy the demand of the application.

Data is based upon tests performed in a controlled environment and representative of relative performance.
Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

October 6, 2016

Technical Information Bulletin

VELOCE

ORDERING INFORMATION

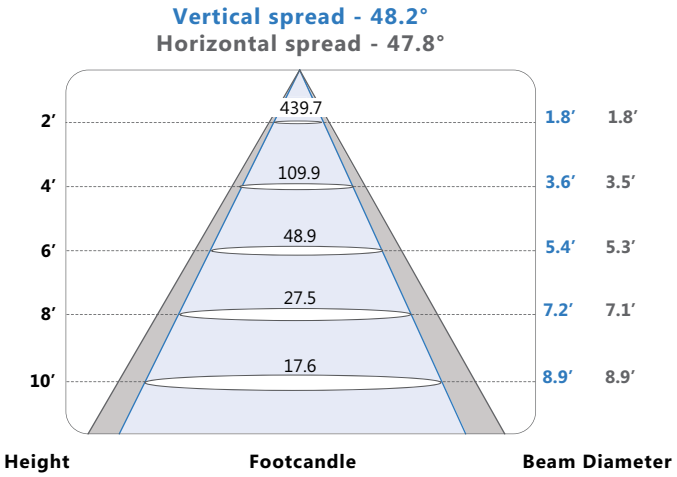
Order code:	64751
Description:	VELOCE4/MOD/13W/35K/45/BLK/STD
UPC:	69549647510
Case quantity:	1 / 4

PHOTOMETRICS - COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

Effective Floor Cavity Reflectance: 20%

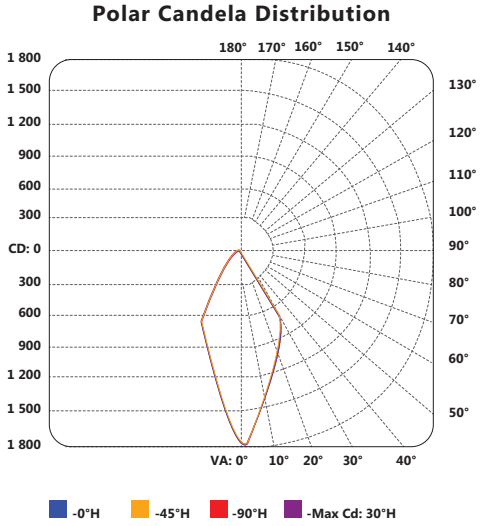
RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.14	1.11	1.09	1.07	1.11	1.09	1.07	.95	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2	1.09	1.04	1.00	.97	1.06	1.02	.99	.89	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3	1.04	.98	.93	.89	1.02	.96	.92	.84	.94	.90	.87	.91	.88	.86	.89	.87	.84	.83
4	.99	.92	.87	.83	.97	.91	.86	.79	.89	.84	.81	.87	.83	.80	.85	.82	.79	.78
5	.94	.86	.81	.77	.93	.86	.80	.74	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6	.90	.82	.76	.72	.89	.81	.76	.70	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7	.86	.77	.72	.68	.85	.77	.71	.66	.75	.71	.67	.74	.70	.67	.73	.69	.66	.65
8	.82	.73	.68	.64	.81	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
9	.78	.69	.64	.60	.77	.69	.64	.59	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58
10	.75	.66	.61	.57	.74	.66	.60	.56	.65	.60	.57	.64	.60	.57	.63	.59	.56	.55

PHOTOMETRICS - BEAM SPREAD*



* complete IES files available on our website.

PHOTOMETRICS - CANDELA DISTRIBUTION*



Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____ Date: _____

October 6, 2016