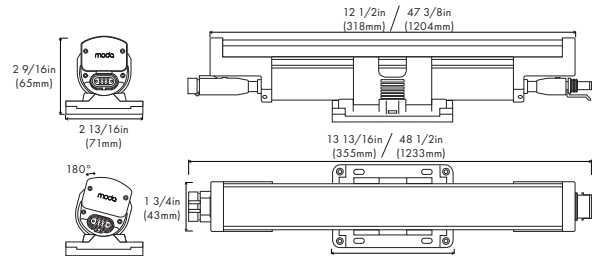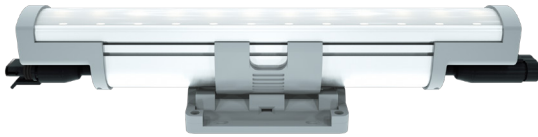# moda LIGHT®
SPECIFICATION

Project Name: _____ SKU: _____

MODA Contact: _____ E-Mail: _____

Type: _____ PO#: _____ Quantity: _____

Notes: _____

PHYSICAL

Dimensions	L: 12 1/2in (318mm)	W: 2 13/16in (71mm)
	L: 47 3/8in (1204mm)	H: 2 9/16in (65mm)

Weight	12in: 1.3lbs (0.6kg)
	48in: 4.9lbs (2.22kg)

Applications	Graze, Accent, & Indirect General Illumination
Construction	Pure Aluminum Body, Polycarbonate Mounting Bracket and Polycarbonate Optical Lens
Ingress Protection	Wet Location IP66
Thermal Management	Moda Aluminum Heat Sink
Fixture Connections	Integral Male & Female Connectors
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Humidity	0-95% Non Condensing

SPECIFICATIONS

	Lumens		Efficacy	
	1FT	4FT	1FT	4FT
HO	1036 - 1353	3704 - 4356	103 - 135	92 - 109
HO+	1035 - 1197	4148 - 4795	103 - 119	103 - 119

POWER CONSUMPTION

	120V - 277V AC	
	1FT	4FT
HO	10W	40W
HO+	10W	40W

OUTPUT

CCT & SDCM	2200K - 6500K
	2 Step MacAdam Ellipse
Beam Angle	6°, 10°, 25°, 40°, 10°x40°, 30°x60°, Forward Throw Asymmetric, or 30°x100° optic options
Color Bin Tolerance	Single Bin
CRI	95-97
Lumen Maintenance	90,000 Hours L50 @ 25°C
	70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

ELECTRICAL

Input Voltage	100-277V AC 50Hz/60Hz
Control	Electronic Low Voltage Reverse Phase Trailing Edge
Power Factor	≥ 0.98

MAX CONTINUOUS RUN

	120V - 277V AC	
	1FT	4FT
HO	80ft	80ft
HO+	80ft	80ft

STANDARDS & CERTIFICATIONS

ETL   CE   CCC   C-Tick   RoHS✓   WEEE

Certification	Tested to UL & CSA by Intertek For Use in USA & CANADA. Exceeds ANSI C78.377-2015, CE, CCC, C-Tick, RoHS, & WEEE Compliant.
Class	1
Warranty	3 Year Limited Warranty

1FT		6°		10°		25°		40°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	2200K - 6500K	1208.00 - 1353.47	120.80 - 135.34	1196.00 - 1341.47	119.60 - 134.14	1182.00 - 1327.47	118.20 - 132.74	1172.00 - 1317.47	117.20 - 131.74

1FT		10°x40°		30°x60°		30°x60°X5°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	2200K - 6500K	1163.00 - 1308.47	116.30 - 130.84	1038.39 - 1184.54	103.83 - 118.45	1036.10 - 1182.54	103.61 - 118.25

1FT		30°x100°	
Output	CCT	Lumens	Efficacy
HO+	2200K - 6500K	1035.93 - 1197.61	103.59 - 119.76

4FT		6°		10°		25°		40°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	3500K - 6500K	3704.69 - 4346.88	92.61 - 107.07	3780.81 - 4370.88	94.52 - 109.27	3768.70 - 4356.88	94.21 - 108.92	3760.05 - 4346.88	94.00 - 108.67

4FT		10°x40°		30°x60°		30°x60°X5°	
Output	CCT	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
HO	3500K - 6500K	3752.26 - 4337.88	93.80 - 108.44	3749.67 - 4334.88	93.74 - 108.37	3747.94 - 4332.88	93.69 - 108.32

4FT		30°x100°	
Output	CCT	Lumens	Efficacy
HO+	3500K - 6500K	4148.26 - 4795.68	103.70 - 119.89

BEAM ANGLE

	HO	HO+
6° / 10° / 25° / 40° / 10°x40° / 30°x60° Forward Throw Asymmetric	•	
30°x100°		•

• Available

MGE - ___ - S1 - DW - ___ - ___

⌐A⌐ ⌐B⌐ ⌐C⌐ ⌐D⌐ ⌐E⌐ ⌐F⌐

COMPLETE SKU SAMPLE: MGI-HO-S1-DW-4-25

A - FIXTURE & LOCATION

MGE	—	Moda Graze Exterior

B - LIGHT OUTPUT

HO	—	High Output
HO+	—	High Output Plus

C - SERIES NUMBER

S1	—	Series 1

D - LED COLOR

DW	—	Dynamic White

* - Available only in HO   **- Available only in HO+

E - LENGTH

1	—	1FT
4	—	4FT

G - OPTIC

6*	—	6° x 6°
10*	—	10° x 10°
25*	—	25° x 25°
40*	—	40° x 40°
140*	—	10° x 40°
360*	—	30° x 60°
365*	—	Forward Throw Asymmetric
310**	—	30° x 100°

ACCESSORIES	DESCRIPTION	ORDERING SKU
Leader Cable US 8 Pin 10FT	Power to first fixture of run	MLCE-US-8PIN-B-10FT
Leader Cable US 8 Pin 25FT	Power to first fixture of run	MLCE-US-8PIN-B-25FT
Jumper Cable US 8 Pin 1FT	Connection between fixtures	MJCE-US-8PIN-B-1FT
Jumper Cable US 8 Pin 4FT	Connection between fixtures	MJCE-US-8PIN-B-4FT
Leader Cable EU 8 Pin 3M	Power to first fixture of run	MLCE-EU-8PIN-B-3M
Leader Cable EU 8 Pin 10M	Power to first fixture of run	MLCE-EU-8PIN-B-10M
Jumper Cable EU 8 Pin 300MM	Connection between fixtures	MJCE-EU-8PIN-B-300MM
Jumper Cable EU 8 Pin 1M	Connection between fixtures	MJCE-EU-8PIN-B-1M
Terminator 8 Pin	Must be fixed to last fixture for safety	MTE-8PIN-B
Exterior Bracket Lock	Holds fixture in place for vertical installation	MCGE-BL-G

CONTROLS	DESCRIPTION	PART NUMBER	ORDERING SKU
Kandi Touch	DMX512 Wall Mounted Touch Panel Controller with Color Display	KND-TCH-B (Black) KND-TCH-W (White)	250-0040 250-0041
MODA Touch*	DMX512 Wall Mounted Touch Panel Controller	MTCH-S1-B (Black) MTCH-S1-W (White)	MTCH-S1-B MTCH-S1-W

* - MODA Touch default scene addressing can be found on MODA Touch Product Documentation and DMX Fixture Installation Guides.

CONTROL ACCESSORIES	DESCRIPTION	PART NUMBER	ORDERING SKU
Pathway DMX Splitter/Repeater	Wall-mount, 4 ports, E1.20 RDM Compliant, Small - 10in X 13in X 4 1/2in	PWREP WM P4 TERM RDM SML DMX-RDM	250-0153
Pathway DMX Splitter/Repeater	Wall-mount, 8 ports, E1.20 RDM Compliant, Medium - 10in X 23in X 4 1/2in	PWREP WM P8 TERM RDM MED DMX-RDM	250-0154
Pathway DMX Splitter/Repeater	Wall-mount, 12 ports, E1.20 RDM Compliant, Medium - 10in X 23in X 4 1/2in	PWREP WM P12 TERM RDM MED DMX-RDM	250-0155
Shielded Cable 500FT	RS-485 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	SW-L-19827-1-500FT	250-0251
Shielded Cable 1000FT	RS-485 Cable for DMX, 24 AWG stranded TC conductors, polyethylene insulation	SW-L-19827-1-1000FT	250-0252