D10LUM-MOD-SYS COMPONENTS SURFACE

D103124-

DESCRIPTION Lum Panel - 441mm / 17 3/8" x 198mm / 7 13/16" x 20mm /

13/16"

GENERAL

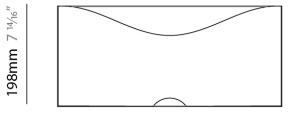
Series: Lum
Subseries: Lum Modular System
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
PHYSICAL
Shape: Rectangle
Length (mm): 441
Length (in): 17 ³ / ₈
Width (mm): 20
Width (in): 13/16
Height (mm): 198
Height (in): $7\frac{13}{16}$
Weight (kg): 1
Weight (lbs): 2.2
Fixture Finish: COP / COX
Fixture Material: Metal

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

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441mm 17 3/8"

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D10LUM-MOD-SYS COMPONENTS SURFACE

D103125-

DESCRIPTION

Lum Panel with Light - 441mm / 17 3/8" x 198mm / 7 13/16" x 20mm / 13/16" - 4.5W LED - 2700K

GENERAL

Series: Lum
Subseries: Lum Modular System
Brand: Quasar
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Rectangle
Length (mm): 441
Length (in): 17 ³ / ₈
Width (mm): 20
Width (in): 13/16
Height (mm): 198
Height (in): 7 ¹³ / ₁₆
Extension (mm): 120
Extension (in): 4 ³ / ₄
Light Distribution: Direct
Weight (kg): 1
Weight (lbs): 2.2
Fixture Finish: COP / COX
Fixture Material: Metal
ELECTRICAL

ELECTRICAL

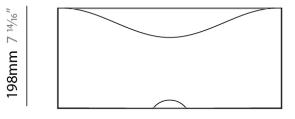
Lamp Type: LED
Total Output Wattage (W): 4.5
Dimming: Non-Dimmable
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - 120Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: 277Vac
LED

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20 PROJECT

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441mm 17 3/8"

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D10LUM-MOD-SYS COMPONENTS

D103129

DESCRIPTION

Lum - Driver for 4-50 Elements, with Light Unit

GENERAL

Series: Lum

Brand: Quasar Division: Design

PHYSICAL

Width (mm): 21cm / 8 1/4"

ELECTRICAL

Input Voltage (V): 120

Output Voltage (V): 24

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

PROJECT

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NOTES			
QUANTITY			
DATE			



D10LUM-MOD-SYS COMPONENTS

D109042

DESCRIPTION

Lum - Baseboard - Installation Strip 1320mm / 51 15/16" x 50mm / 1 5/16" - Black

GENERAL

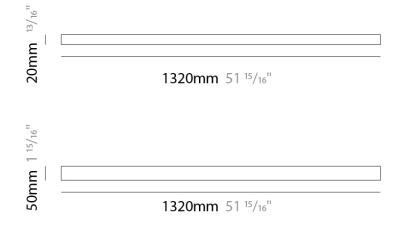
Series: Lum	
Brand: Quasar	
Division: Design	
PHYSICAL	
Length (mm): 1320	
Length (in): 51 ¹⁵ / _{16"}	
Height (mm): 50	

Height (in): $1\frac{5}{16^{\circ}}$

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards IP rating: IP20

QUANTITY			
NOTES			
TYPE			
PROJECT			



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D10LUM-MOD-SYS COMPONENTS

D109059

DESCRIPTION

Lum - Baseboard - Installation Strip 1320mm / 51 15/16" x 20mm / 13/16" - Black

GENERAL

Brand: Quasar

Division: Design

PHYSICAL

Length (mm): 1320 Length (in): 51 ¹⁵/_{16"}

Height (mm): 20

Height (in): 13/16"

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT			
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NOTES			
QUANTITY			
DATE			



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D10LUM-MOD-SYS COMPONENTS

DND0400024EV

DESCRIPTION

ERP - VLM40W-24 - Non-dimming - 40W - 24Vdc - 120 / 277Vac -LED power supply -Used with ENCP12 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

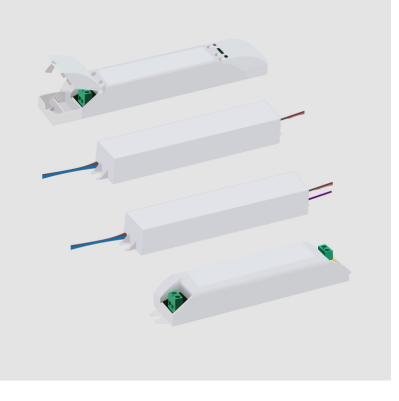
GENERAL

Division: Architectural : Components : LED Drivers
PHYSICAL
Length (mm): 144
Length (in): 5 ⁴³ / ₆₄
Width (mm): 21
Width (in): 53/64
Height (mm): 19.8
Height (in): 13/16
Fixture Material: Aluminum
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 1.2-40
Dimming: Non-Dimmable
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
LED
Efficiency (%): <92%

RATINGS AND CERTIFICATIONS

Certified By: UL Listed Code Compliance: Title 24 commercial Installation IP rating: IP20 PROJECT

PRUJECT
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NOTES
QUANTITY
DATE



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D10LUM-MOD-SYS COMPONENTS

DND0600024EV

DESCRIPTION

ERP - VLM60W-24 - Non-dimming - 60W - 24Vdc - 120 / 277Vac -LED power supply -Used with ENCP12 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

GENERAL

Division: Architectural : Components : LED Drivers
PHYSICAL
Length (mm): 144
Length (in): 5 ⁴³ / ₆₄
Width (mm): 21
Width (in): 53/64
Height (mm): 19.8
Height (in): 13/16
Weight (kg): 0.122
Weight (lbs): 0.268
Fixture Material: Aluminum
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 1.2-60
Dimming: Non-Dimmable
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277

PROJECT TYPE NOTES QUANTITY DATE



LED

Efficiency (%): <92%

Output Voltage (V): 24

RATINGS AND CERTIFICATIONS

Certified By: UL Listed

Code Compliance: Title 24 commercial Installation	
IP rating: IP20	

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D10LUM-MOD-SYS COMPONENTS

DND1000024EV

DESCRIPTION

ERP VLM100W-24 - 100W - 24Vdc - 120-277Vac - Non-dimming -LED power supply -Used with ENCP12 -Available with IP68-Outdoor Rated -ENCP20, ENCP22

GENERAL

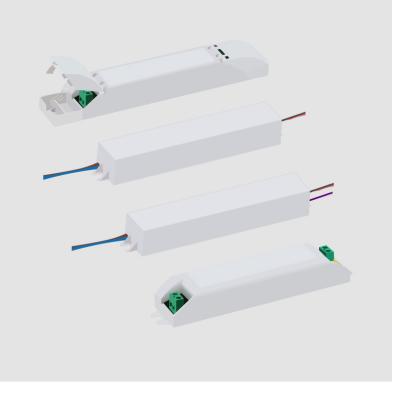
Division: Architectural : Components : LED Drivers
PHYSICAL
Length (mm): 151
Length (in): 5 ¹⁵ / ₁₆
Width (mm): 27.3
Width (in): 1 ⁵ / ₆₄
Height (mm): 19.8
Height (in): 25/32
Weight (kg): 0.159
Weight (lbs): 0.35
Fixture Material: Aluminum
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 103
Total Output Wattage (W): 4.8-96
Dimming: Non-Dimmable
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24

LED

Efficiency (%): <92

PROJECT

TYPE			
NOTES			
QUANTITY			
DATE			



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D10LUM-MOD-SYS COMPONENTS

ENCP1

DESCRIPTION

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

GENERAL

Division: Architectural : Components

PHYSICAL

RATINGS AND CERTIFICATIONS	
Fixture Material: Metal	
Screws: A4 stainless steel	
Height (in): 1 ⁵ / ₈	
Height (mm): 41	
Width (in): 1 ⁵ / ₈	
Width (mm): 41	
Length (in): 7 ³ ⁄ ₄	
Length (mm): 197	
Shape: Rectangle	

IP rating: IP20

PROJECT

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LEGEND

D10LUM-MOD-SYS COMPONENTS

PROJECT

TYPE	
NOTES	

QUANTITY

DATE

✓ wall and ceiling: recessed and surface mounted ✓ rotating ✓ warm dim / natural dimming LED ↑ ceiling-mounted and wall-mounted ✓ illuminate tilted ✓ rechargeable battery powered ✓ wall-mounted ✓ color of suspension cable ✓ fixture with natural vivid LED (upon request) ✓ omni-directional light distribution ✓ length of suspension cable ✓ color rendering index ✓ direct light distribution ✓ reflector degree selection Color temperature ✓ direct/indirect light distribution ✓ super spot Iumen (luminous flux) ✓ indirect light distribution ✓ lens pack Unified Giare Rating (UGR) range from 5-40 ✓ aura light distribution ✓ integrated shine ring with diffuser marine grade (AISI 316 stainless steel) ✓ round wall or ceiling cut-out ✓ free individual colors 01-29 ✓ dire on ✓ round wall or ceiling cut-out ✓ free individual colors 01-29 ✓ dire or marine grade (AISI 316 stainless At (less than 4° off t wall focated between 27*-84° from floor)						
 ceiling-mounted and wall-mounted illuminate tilted indirect light distribution illuminate tilted color of suspension cable fixture with natural vivid LED (upon request) indirect light distribution illength of suspension cable color temperature color temperature direct light distribution super spot indirect light distribution lens pack uran light distribution symmetric light distribution symmetric light distribution integrated shine ring marine grade (AISI 316 stainless steel) integrated shine ring with diffuser walk on square wall or ceiling cut-out integrated shine ring with diffuser walk located between 27"-84" from floor) the supplied jig specifies the cutout dimensions integrated to be colored (F1) the supplied jig specifies the nutou dimensions intiminare part to be colored (F2) wall coated between 27"-84" from floor) Levensed depth luminaire part to be colored (F3) garately solor protection class I, protection insulation ceiling thickness in mm luminair	<u>↓</u>	floor-mounted	¥	pivotable	\circledast	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
Image: Second	7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
Image: Section of the section of th	Î	ceiling-mounted and wall-mounted	¥	illuminate tilted	Ø	rechargeable battery powered
Image: Second Secon	\rightarrow	wall-mounted	T	color of suspension cable		fixture with natural vivid LED (upon request)
Image: Construction	Y	omni-directional light distribution	→	length of suspension cable	CRI	color rendering index
Indirect light distribution Intervent light distribution		direct light distribution	Δ	reflector degree selection	°К	color temperature
asymmetric light distribution Image: Second Sec		direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Image: Section Section Image: Section Section Image: Section Section Image: Section Section Image: Section Section Section Image: Section Section Image: Section Section Image: Section Section Image: Section Section Section Section Image: Section Section Image: Section Section Image: Section Section Image: Section Section Section Section Image: Section Section Image: Section Section Image: Section Section Image: Section Section Section Image: Section Section Image: Section Section Section Section Image: Section Section Section Image: Section Image: Section Image: Section Section Section Image: Section Section Image: Section Image: Section Image: Section Section Section Section Section Image: Section Image: Section Image: Section Image: Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Sect		indirect light distribution	*	lens		efficacy (lumens per watt)
Image: Second		asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Square wall or ceiling cut-out image free individual colors 01-29 image drive on Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image individual colors: 00 (free of charge), 01-25 (extra Image Dark Sky Compliance Image iuminaire part to be colored (F1) Image Image Image Image Image ceiling thickness selection Image	$\mathbf{\mathbf{A}}$	aura light distribution	0	shine ring		marine grade (AISI 316 stainless steel)
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And the supplied jig specifies the cutout dimensions I charge) Image	5	square wall or ceiling cut-out	D.			drive on
⊥ recessed depth ▲ luminaire part to be colored (F2) ♀ lamp protected against explosion ⊥ ceiling thickness in mm ● luminaire part to be colored (F3) ↓ blown glass using traditional methods by master glass blower ▲ ceiling thickness selection ■ luminaire part to be colored (F4) ↓ acoustic material ▲ dimmable DP (phase), DV (0-10V), DD (dali), DS ● luminaire part to be colored (F5) ● protection class I, protection insulation □ included or excluded LED driver/transformer/ ● color of 3-circuit adaptor □ protection class II, protection insulation ◇ separately switchable ○ indirect diffuser ● ETL Certified to UL and CSA Standards ◇ sensor ● direct diffuser ● UL Certified to UL and CSA Standards ◇ remote control ● ball-proof (upon request) ● CSA Certified to UL and CSA Standards	୶ୖୣୢୖ୶	the supplied jig specifies the cutout dimensions	с.	individual colors: 00 (free of charge), 01-25 (extra charge)	D SC	
Image: Control gear	(++) M	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control generation Image: Control gene: Control generation Image: Control ge	£	recessed depth		luminaire part to be colored (F2)		11 0 1
dimmable DP (phase), DV (0-10V), DD (dali), DS Iuminaire part to be colored (F5) protection class I, protection insulation included or excluded LED driver/transformer/ color of 3-circuit adaptor protection class II, protection insulation Separately switchable indirect diffuser ETL Certified to UL and CSA Standards sensor of direct diffuser UL Certified to UL and CSA Standards remote control iball-proof (upon request) CSA Certified to UL and CSA Standards	1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
(step-dim) (step-dim) <td></td> <td></td> <th></th> <td>luminaire part to be colored (F4)</td> <th>1</th> <td>acoustic material</td>				luminaire part to be colored (F4)	1	acoustic material
Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor Image: Color of 3-Circuit adaptor Image: Separately switchable Image: Color of 3-Circuit adaptor<		(step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
Image: Sensor Image: Sensor<	6	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Image: Second control Image: Second con	У	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
	シリ	sensor	D	direct diffuser	c (H) us	UL Certified to UL and CSA Standards
available upon request II accessory II certified for North American Standards		remote control	\odot	ball-proof (upon request)	(CSA Certified to UL and CSA Standards
	2	available upon request	U	accessory	Z	Certified for North American Standards
	2	available upon request	0	accessory	\mathbf{Z}	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

КО1	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
КОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

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