

A37561	-		-	-
base number	LED	Color	Finishes	Diffuser
	Dimming	Temperature	(Diamond)	Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Glorious	
Subseries: Glorious Quantum	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: Architectural Mounting Type: Recessed Mounting Location: Ceiling Subcategory: Ambient PHYSICAL Shape: Square Length (mm): 822 Length (in): 32 ¾ Width (mm): 822 Width (in): 32 ¾ Height (in): 5 ¼ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 ½ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /	
Mounting Location: Ceiling Subcategory: Ambient PHYSICAL Shape: Square Length (mm): 822 Length (in): 32 ½ Width (mm): 822 Width (in): 32 ½ Height (mm): 150 Height (in): 5 ½ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 ½ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Division: Architectural
Subcategory: Ambient PHYSICAL Shape: Square Length (mm): 822 Length (in): 32 ½ Width (mm): 822 Width (in): 32 ½ Height (mm): 150 Height (in): 5 ½ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 ½ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Mounting Type: Recessed
PHYSICAL Shape: Square Length (mm): 822 Length (in): 32 $\frac{3}{8}$ Width (mm): 822 Width (in): 32 $\frac{7}{8}$ Height (mm): 150 Height (in): 5 $\frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 $\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Mounting Location: Ceiling
Shape: Square Length (mm): 822 Length (in): 32 $\frac{3}{8}$ Width (mm): 822 Width (in): 32 $\frac{3}{8}$ Height (mm): 150 Height (in): 5 $\frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 $\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Subcategory: Ambient
Length (mm): 822 Length (in): $32\frac{3}{8}$ Width (mm): 822 Width (in): $32\frac{3}{8}$ Height (mm): 150 Height (in): $5\frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): $6\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	PHYSICAL
Length (in): $32 \frac{3}{8}$ Width (mm): 822 Width (in): $32 \frac{3}{8}$ Height (mm): 150 Height (in): $5 \frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): $6 \frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Shape: Square
Width (mm): 822 Width (in): 32 $\frac{3}{8}$ Height (mm): 150 Height (in): 5 $\frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 $\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Length (mm): 822
Width (in): 32 $\frac{3}{8}$ Height (mm): 150 Height (in): 5 $\frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 $\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Length (in): 32 3/8
Height (mm): 150 Height (in): 5 $\frac{7}{8}$ Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 $\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Width (mm): 822
Height (in): 5 % Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 % Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Width (in): 32 3/8
Min. Recessing Depth (mm): 160 Min. Recessing Depth (in): 6 $\frac{5}{16}$ Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Height (mm): 150
Min. Recessing Depth (in): 6 \(\frac{5}{16} \) Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Height (in): 5 1/8
Light Distribution: Direct Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Min. Recessing Depth (mm): 160
Weight (kg): 10.55 Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Min. Recessing Depth (in): 6 1/16
Weight (lbs): 23.21 Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Light Distribution: Direct
Diffuser: PMMA - Opal or Micro-Prism Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Weight (kg): 10.55
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	Weight (lbs): 23.21
	Diffuser: PMMA - Opal or Micro-Prism

MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 40

Total Output Wattage (W): 32 / 25.6 (3500K)

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350 / 800 (3500K)

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 3690 / 3822 / 3900

CRI: >80 CRI

Efficiency (%): 65

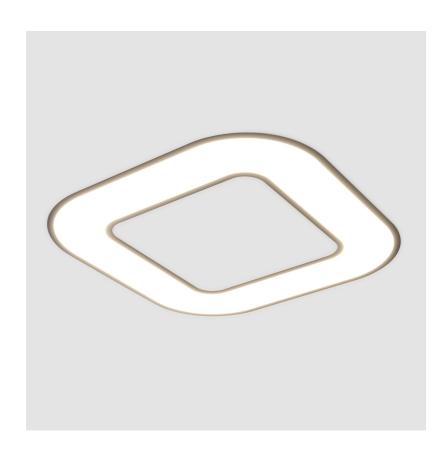
Lamp Life (hrs): 50000

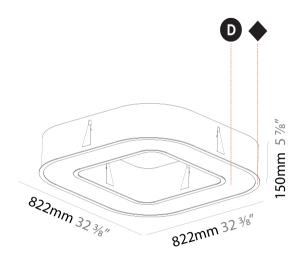
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		











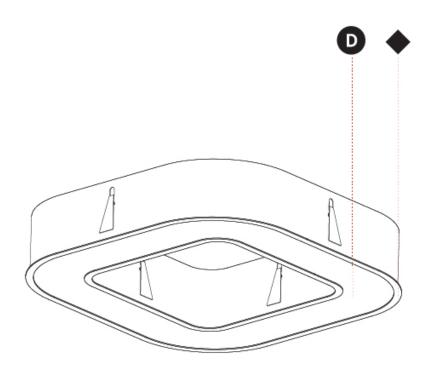






A37561-

ROJECT	
YPE	_
PECIFIER	_
UANTITY	_
ATE	_







A37563	-		-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options	

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Glorious	
Subseries: Glorious Quantum	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Br	rand: Prolicht
Di	vision: Architectural
М	ounting Type: Recessed
М	ounting Location: Ceiling
Su	ubcategory: Ambient
PH	HYSICAL
Sh	nape: Square
Le	ength (mm): 1122
Le	ength (in): 44 ³ / ₁₆
Wi	idth (mm): 1122
Wi	idth (in): 44 ³ / ₁₆
Не	eight (mm): 150
He	eight (in): 5 ½
Mi	in. Recessing Depth (mm): 160
Mi	in. Recessing Depth (in): 6 5/16
Lig	ght Distribution: Direct
We	eight (kg): 16.085
We	eight (lbs): 35.39
Di	ffuser: PMMA - Opal or Micro-Prism
MI	xture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / IC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / EY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

ELECTRICAL

Fixture Material: Aluminum

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 60 Total Output Wattage (W): 48 / 38.4 (3500K) Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - 120 / 277Vac Driver Class: Class 2 Input Voltage (V): 120 - 277

Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 5540 / 5733 / 5850 CRI: >80 CRI Efficiency (%): 65 Lamp Life (hrs): 50000

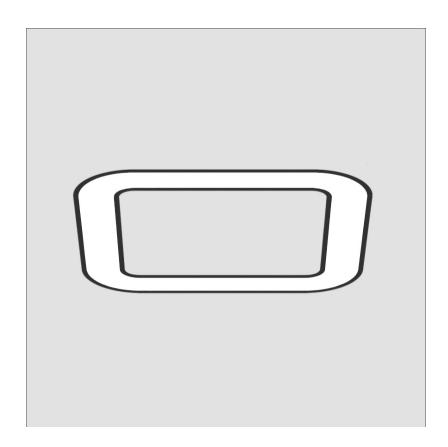
OPTICAL

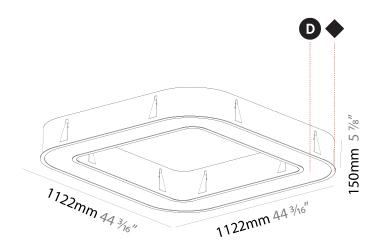
RATINGS AND CERTIFICATIONS

Constant Current (MA): 350 / 1200 (3500K)

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	











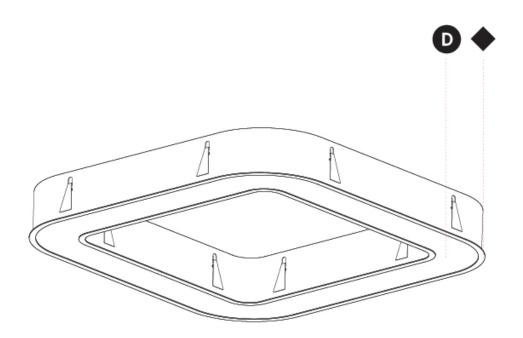






A37563-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







A37565	-		-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options	

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Glorious	
Subseries: Glorious Quantum	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 1422
Length (in): 56
Width (mm): 1422
Width (in): 56
Height (mm): 150
Height (in): 5 1/8
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 5/16
Light Distribution: Direct
Weight (kg): 21.113
Weight (lbs): 46.45
·

Diffuser: PMMA - Opal or Micro-Prism

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 80

Total Output Wattage (W): 64 / 51.2 (3500K)

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350 / 800 (3500K)

LED

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 7380 / 7644 / 7800

CRI: >80 CRI

Efficiency (%): 65

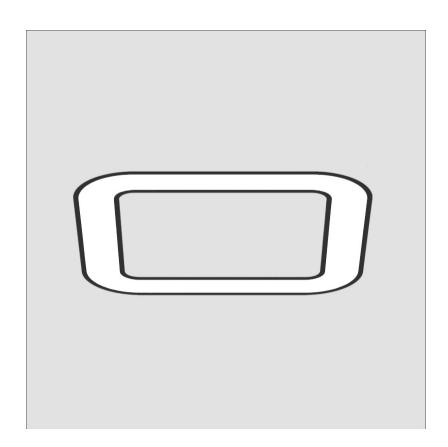
Lamp Life (hrs): 50000

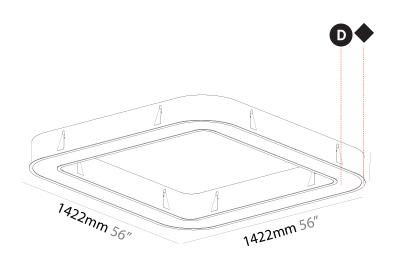
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	











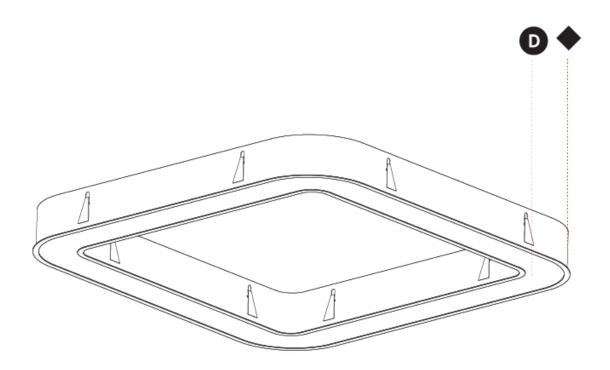






A37565-

PROJECT
YPE
SPECIFIER
QUANTITY
DATE







GLORIOUS VICTORY RECESSED

A37580-	•		-	-	
base number	LED Dimming	Color	Finishes (Diamond)	Diffuser	

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Glorious	
Subseries: Glorious Victory	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 821
Length (in): 32 ⁵ / ₁₆
Width (mm): 821
Width (in): 32 ⁵ / ₁₆
Height (mm): 150
Height (in): 5 1/8
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 $\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 8.969
Weight (lbs): 19.73
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 30 Total Output Wattage (W): 24 / 19.2 (3500K) Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350 / 600 (3500K)

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 2770

CRI: >80 CRI

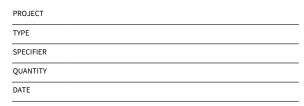
Efficiency (%): 65

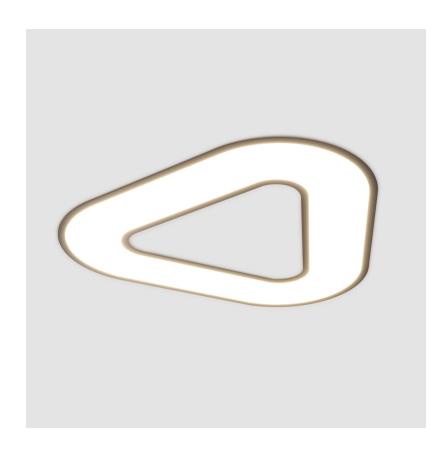
Lamp Life (hrs): 50000

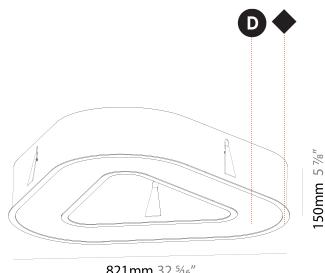
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





















GLORIOUS VICTORY RECESSED

A37582	-		-	-	
base number	LED	Color	Finishes	Diffuser	

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Abstract
Length (mm): 1121
Length (in): 44 $\frac{1}{8}$
Width (mm): 1121
Width (in): 44 ½
Height (mm): 150
Height (in): $5\frac{7}{8}$
Min. Recessing Depth (mm): 160
Min. Recessing Depth (in): 6 $\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 13.609
Weight (lbs): 29.94
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

ELECTRICAL

Fixture Material: Aluminum

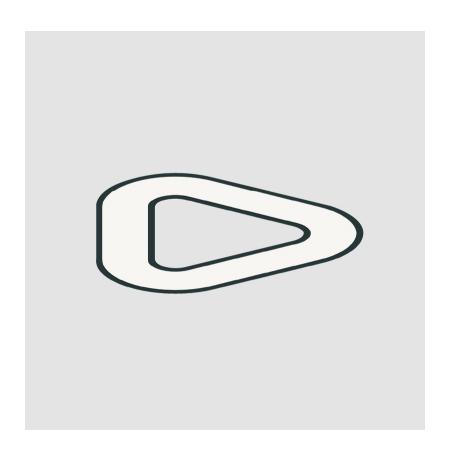
Lamp Type: LED (Zhaga Standard) Input Wattage (W): 45 Total Output Wattage (W): 36 / 28.8 (3500K) Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - 120 / 277Vac Driver Class: Class 2 Input Voltage (V): 120 - 277

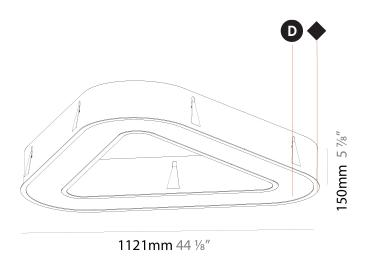
Constant Current (MA): 350 / 900 (3500K)
LED
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 4150 / 4302 / 4390
CRI: >80 CRI
Efficiency (%): 65
Lamp Life (hrs): 50000
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

















GLORIOUS VICTORY RECESSED

A37584	-		-	-	
base number	LED Dimming	Color	Finishes	Diffuser	

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Glorious	
Subseries: Glorious Victory	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Abstract	
Length (mm): 1421	
Length (in): 55 15/16	
Width (mm): 1421	
Width (in): 55 15/16	
Height (mm): 150	_
Height (in): 5 1/8	
Min. Recessing Depth (mm): 160	
Min. Recessing Depth (in): 6 1/16	
Light Distribution: Direct	
Weight (kg): 17.995	
Weight (lbs): 39.59	
Diffuser: PMMA - Opal or Micro-Prism	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR	1

MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 60

Total Output Wattage (W): 48 / 38.4 3500K)

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350 / 1200 (3500K)

LED

Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 5540 / 5733 / 5850

CRI: >80 CRI

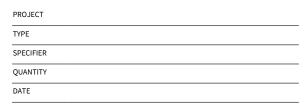
Efficiency (%): 65

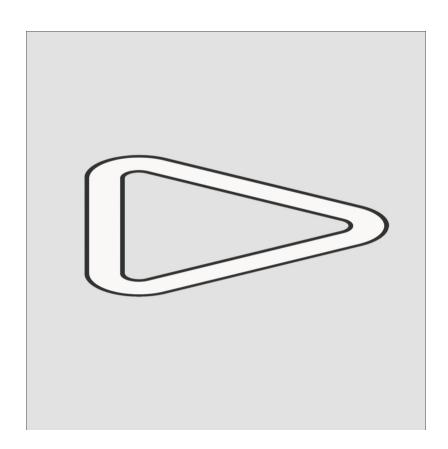
Lamp Life (hrs): 50000

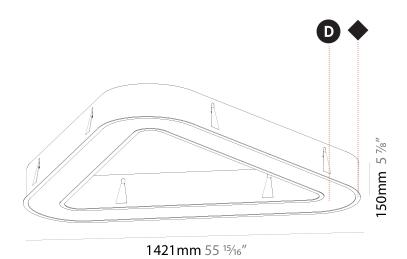
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

















GLORIOUS

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

Fixture Finish



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro



and between product families.



GLORIOUS

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

<u></u> 1	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	J	rotating	0	warm dim / natural dimming LED
<u> </u>	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
→ \	wall-mounted	I	color of suspension cable	71400	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	→	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	(X)	lumen (luminous flux)
M	indirect light distribution	*	lens	(₹	efficacy (lumens per watt)
T a	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	€	marine grade (AISI 316 stainless steel)
3	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
△	square wall or ceiling cut-out	Ċ	free individual colors 01-29	②	drive on
c√c t	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	Dark Sky Compliance
d	minimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
<u>+</u>	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
<u> </u>	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
i i	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
ک ہ	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
• <i>y</i>) s	sensor	0	direct diffuser	։ (Մ) us	UL Certified to UL and CSA Standards
(i)	remote control	0	ball-proof (upon request)	(B)	CSA Certified to UL and CSA Standards
7	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

above the surface)

	2010 (MACA 2011 - 2011
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	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)
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm