GLORIOUS SLIM RECESSED

| A35441 | • | | - | - | |
|-------------|----------------|-------|-----------------------|----------|---|
| 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 Slim | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| Division: Architectural |
|---|
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 816 |
| Diameter (in): 32 ½ |
| Height (mm): 81 |
| Height (in): 3 ³ / ₁₆ |
| Min. Recessing Depth (mm): 120 |
| Min. Recessing Depth (in): 4 ³ / ₄ |
| Light Distribution: Direct |
| Weight (kg): 6.755 |
| Weight (lbs): 14.89 |
| Diffuser: PMMA - Opal or Micro-Prism |
| eq:fixed-finish:ssr/bks/cwi/cry/hab/lag/uft/ita/rua/rua/kwks/ftg/myg/twt/lod/pus/fro/fup/kia/pop/bls/spg/ |
| |

Fixture Material: Aluminum

Cut-out Measurements: 807mm / 31 3/4" x 663mm / 26 1/8"

MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 56

Total Output Wattage (W): 48

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

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

Max. Delivered Lumen (lm): 5450 / 5557 / 5670

CRI: >80 CRI

Efficiency (%): 0.884

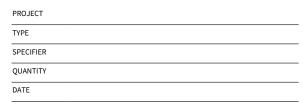
Lamp Life (hrs): 50000

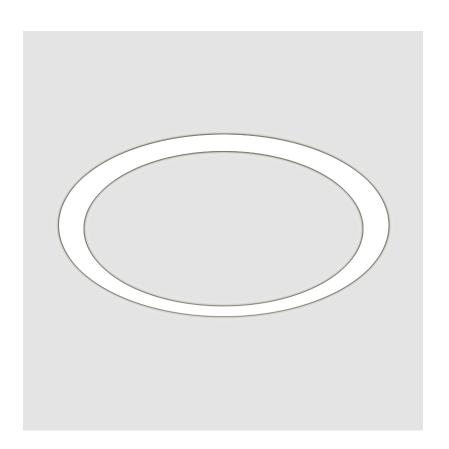
OPTICAL

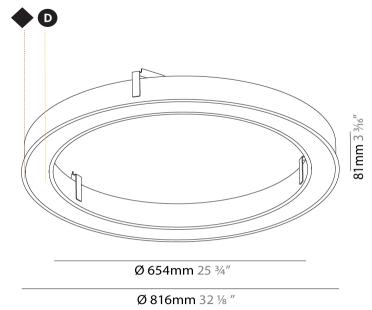
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

















Page 1/14

GLORIOUS SLIM RECESSED

| A35443 | • | | - | - | |
|-------------|----------------|-------|-----------------------|----------|---|
| 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 Slim | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| DIVISION. AICHILECTURAL | |
|---|---------------------------------|
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |
| PHYSICAL | |
| Shape: Round | |
| Diameter (mm): 1566 | |
| Diameter (in): 61 1/8 | |
| Height (mm): 81 | |
| Height (in): $3\frac{3}{16}$ | |
| Min. Recessing Depth (mm): 120 | |
| Min. Recessing Depth (in): 4 3/4 | |
| Light Distribution: Direct | |
| Weight (kg): 14.042 | |
| Weight (lbs): 30.96 | |
| Diffuser: PMMA - Opal or Micro-Prism | |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB | / LAG / UFT / ITA / RUA / RUR / |
| | |

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): 112
Total Output Wattage (W): 96

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277 Constant Current (MA): 350

LED

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

Max. Delivered Lumen (lm): 13580 / 13857 / 14140

CRI: >80 CRI

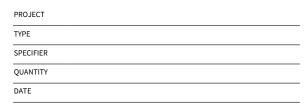
Efficiency (%): 0.884

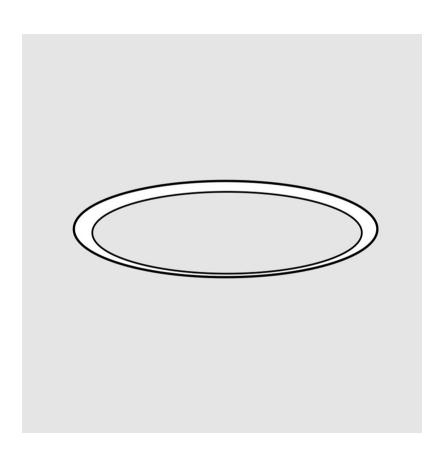
Lamp Life (hrs): 50000

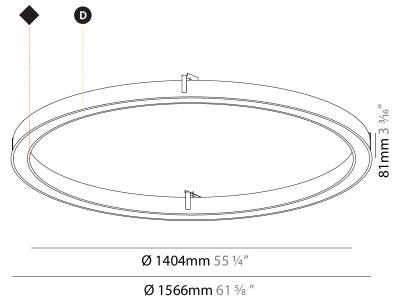
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

















GLORIOUS SLIM RECESSED

| A35445 | - | | - | - |
|-------------|----------------|-------|-----------------------|---------------------|
| base number | LED Dimming | Color | 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 Slim | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| Division: Architectural |
|--|
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 3016 |
| Diameter (in): 118 ³ / ₄ |
| Height (mm): 81 |
| Height (in): $3\frac{3}{16}$ |
| Min. Recessing Depth (mm): 120 |
| Min. Recessing Depth (in): 4 3/4 |
| Light Distribution: Direct |
| Weight (kg): 27.132 |
| Weight (lbs): 59.69 |
| 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 / |

ELECTRICAL Lamp Type: LED (Zhaga Standard)

MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Cut-out Measurements: 3007mm / 118 3/8" x 2863mm / 112 11/16"

Input Wattage (W): 224

Fixture Material: Aluminum

Total Output Wattage (W): 192

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

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

Max. Delivered Lumen (lm): 27160 / 27724 / 28290

CRI: >80 CRI

Efficiency (%): 0.884 Lamp Life (hrs): 50000

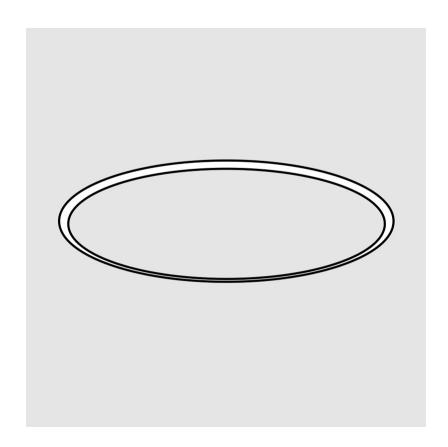
OPTICAL

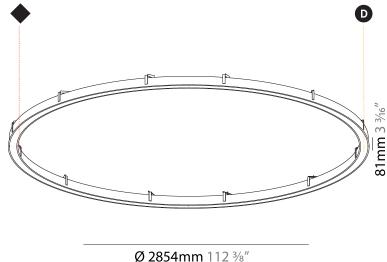
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20







Ø 3016mm 118 3/4 "











GLORIOUS SLIM RECESSED

| A35447 | - | | - | - | |
|-------------|-----|-------|----------|----------|---|
| base number | LED | 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 Slim | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| Division: Architectural |
|---|
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 5216 |
| Diameter (in): 205 $\frac{3}{8}$ |
| Height (mm): 81 |
| Height (in): $3\frac{3}{16}$ |
| Min. Recessing Depth (mm): 120 |
| Min. Recessing Depth (in): 4 ³ / ₄ |
| Light Distribution: Direct |
| Weight (kg): 47.924 |
| Weight (lbs): 106.00 |
| 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

Cut-out Measurements: 5207mm / 205" x 5063mm / 199 5/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 392 Total Output Wattage (W): 336

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

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

Max. Delivered Lumen (lm): 47520 / 48510 / 49500

CRI: >80 CRI

Efficiency (%): 0.884

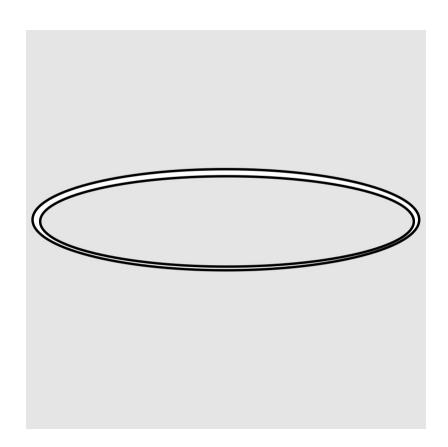
Lamp Life (hrs): 50000

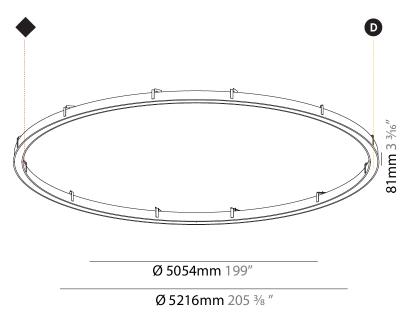
OPTICAL

RATINGS AND CERTIFICATIONS

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GLORIOUS RECESSED

| A37500 | - | - | - | - | |
|-------------|---------|-------------|-----------|----------|---|
| base number | LED | Color | Finishes | Diffuser | _ |
| | Dimming | Temperature | (Diamond) | Ontions | |

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 | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| 2111010111711 CITICCCCCICC |
|---|
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 770 |
| Diameter (in): 30 ⁵ / ₁₆ |
| Height (mm): 110 |
| Height (in): 4 ⁵ / ₁₆ |
| Min. Recessing Depth (mm): 120 |
| Min. Recessing Depth (in): 4 ¾ |
| Light Distribution: Direct |
| Weight (kg): 9.285 |
| Weight (lbs): 20.47 |
| 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

Cut-out Measurements: 760mm / 29 15/16" x 440mm / 17 5/16"

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 / 2862 / 2920

CRI: >80 CRI

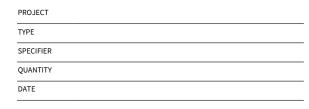
Efficiency (%): 65 Lamp Life (hrs): 50000

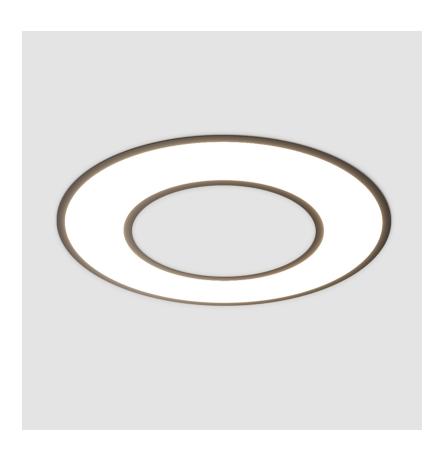
OPTICAL

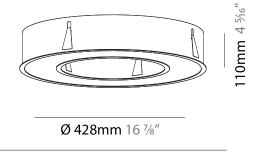
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20







Ø 770mm 30 5/16 "







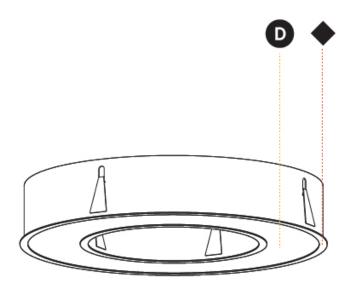






A37500-

| PROJECT | |
|-----------|---|
| TYPE | _ |
| SPECIFIER | |
| QUANTITY | |
| DATE | |





GLORIOUS RECESSED

| A37502 | - | - | - | - | |
|-------------|---------|-------------|-----------|----------|---|
| base number | LED | Color | Finishes | Diffuser | _ |
| | Dimming | Temperature | (Diamond) | Ontions | |

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 | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| Division: Architectural |
|---|
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 1570 |
| Diameter (in): 61 ¹³ / ₁₆ |
| Height (mm): 110 |
| Height (in): 4 1/16 |
| Min. Recessing Depth (mm): 120 |
| Min. Recessing Depth (in): $4\frac{3}{4}$ |
| Light Distribution: Direct |
| Weight (kg): 16.624 |
| Weight (lbs): 36.65 |
| 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 / |

Cut-out Measurements: 1560mm / 61 7/16" x 1240mm / 48 13/16"

MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Fixture Material: Aluminum

Input Wattage (W): 75

Total Output Wattage (W): 60 / 48 (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 / 700/800 (3500K)

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

Max. Delivered Lumen (lm): 6920 / 7164 / 7310

CRI: >80 CRI

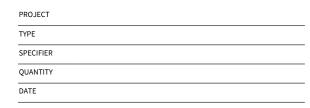
Efficiency (%): 65

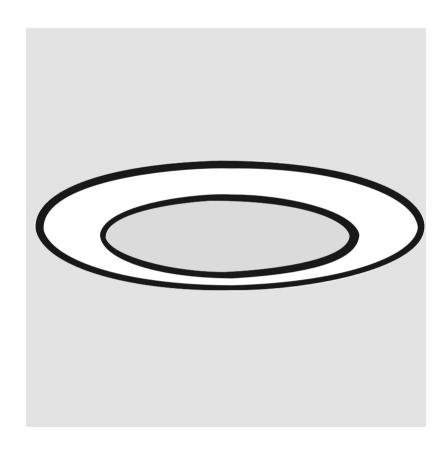
Lamp Life (hrs): 50000

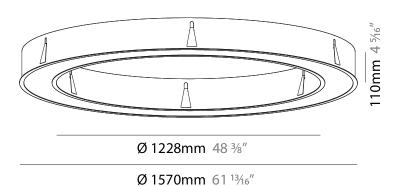
OPTICAL

RATINGS AND CERTIFICATIONS

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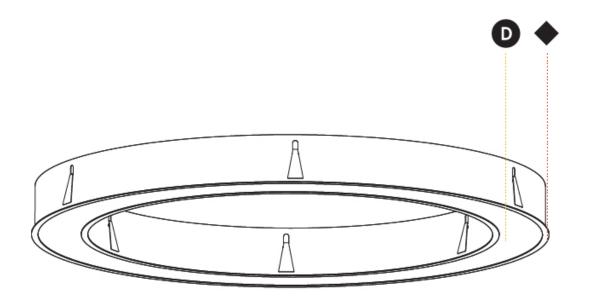






A37502-

| PROJECT | |
|-----------|--|
| TYPE | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |





GLORIOUS RECESSED

| A37505 | - | | - | - |
|-------------|-----|-------|----------|----------|
| base number | LED | 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 | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Recessed | |
| Mounting Location: Ceiling | |
| Subcategory: Ambient | |

| Division: Architectural |
|--|
| Mounting Type: Recessed |
| Mounting Location: Ceiling |
| Subcategory: Ambient |
| PHYSICAL |
| Shape: Round |
| Diameter (mm): 970 |
| Diameter (in): 38 ³ / ₁₆ |
| Height (mm): 110 |
| Height (in): 4 ⁵ / ₁₆ |
| Min. Recessing Depth (mm): 120 |
| Min. Recessing Depth (in): $4\frac{3}{4}$ |
| Light Distribution: Direct |
| Weight (kg): 11.164 |
| Weight (lbs): 24.61 |
| 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 |

Cut-out Measurements: 960mm / 37 13/16" x 640mm / 25 3/16" **ELECTRICAL** Lamp Type: LED (Zhaga Standard) Input Wattage (W): 45

Total Output Wattage (W): 36 / 28.8 (3500K)

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

Driver Included: Yes

Driver Location: Integrated

Fixture Material: Aluminum

Driver Type: Constant Current - 120 / 277Vac

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350 / 900 (3500K)

Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 4150 / 4302 / 4390 CRI: >80 CRI

Efficiency (%): 65

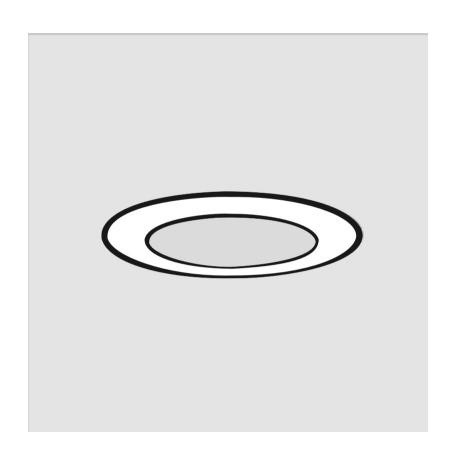
Lamp Life (hrs): 50000

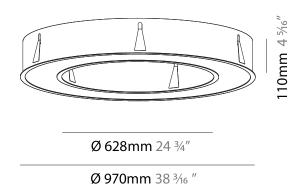
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

| PROJECT | |
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| SPECIFIER | |
| QUANTITY | |
| DATE | |











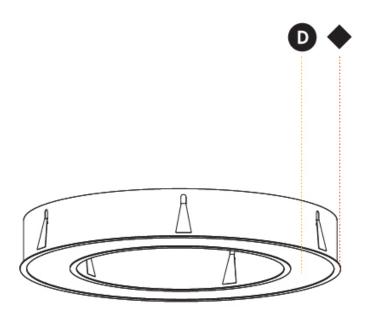






A37505-

| PROJECT | | |
|-----------|--|---|
| TYPE | | _ |
| SPECIFIER | | _ |
| QUANTITY | | _ |
| DATE | | _ |





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GLORIOUS RECESSED

| A37507- | • | - | - | - | |
|-------------|-----|-------|----------|----------|--|
| base number | LED | 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
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

PHYSICAL

Shape: Round
Diameter (mm): 1270
Diameter (in): 50

Height (mm): 110
Height (in): 4 5/16

Min. Recessing Depth (mm): 120

Min. Recessing Depth (in): 4 1/4

Light Distribution: Direct Weight (kg): 15.446

Weight (kg): 15.446 Weight (lbs): 34.05

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

Cut-out Measurements: 1260mm / 49 5/8" x 940mm / 37"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 60

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

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

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)

LED

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

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

CRI: >80 CRI

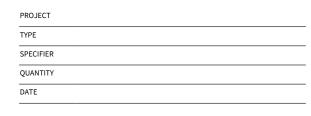
Efficiency (%): 65

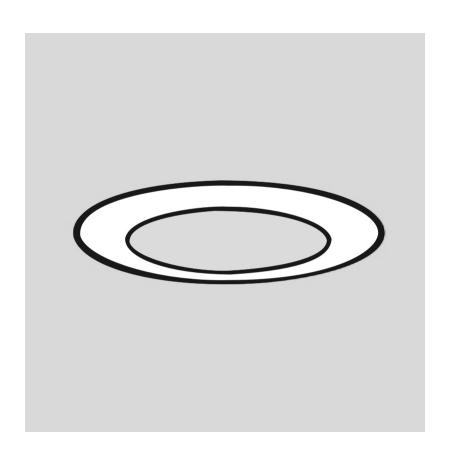
Lamp Life (hrs): 50000

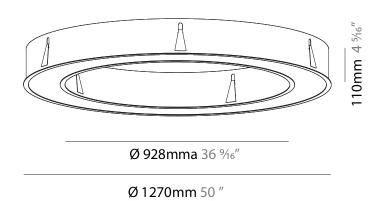
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards













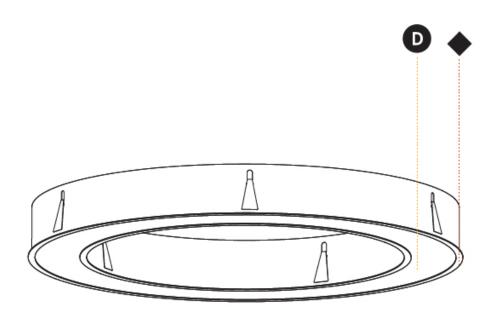






A37507-

| PROJECT | |
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| YPE | _ |
| SPECIFIER | _ |
| QUANTITY | _ |
| DATE | |







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

| \downarrow | floor-mounted | ¥ | pivotable | * | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
|---------------|--|-----------|---|-------------|--|
| 氢 | wall and ceiling: recessed and surface mounted | ى | rotating | 0 | warm dim / natural dimming LED |
| \uparrow | ceiling-mounted and wall-mounted | Œ | illuminate tilted | Ø | rechargeable battery powered |
| \rightarrow | wall-mounted | I | color of suspension cable | Index . | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | ↓ | length of suspension cable | CRI | color rendering index |
| Ä | direct light distribution | Δ | reflector degree selection | (°K) | color temperature |
| X | direct/indirect light distribution | s s | super spot | LM | lumen (luminous flux) |
| M | indirect light distribution | * | lens | ₩ | efficacy (lumens per watt) |
| | asymmetric light distribution | \otimes | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| | aura light distribution | 0 | shine ring | * | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | 0 | integrated shine ring with diffuser | 3 | walk on |
| | square wall or ceiling cut-out | | free individual colors 01-29 | ② | drive on |
| 4 | the supplied jig specifies the cutout dimensions | C | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| G ** | 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) |
| $\hat{\pm}$ | 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) | 4 ⊚ | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | • | luminaire part to be colored (F5) | | protection class I, protection insulation |
| | included or excluded LED driver/transformer/ control gear | • | color of 3-circuit adaptor | | protection class II, protection insulation |
| 8 | separately switchable | \odot | indirect diffuser | . . | ETL Certified to UL and CSA Standards |
| 9 | sensor | 0 | direct diffuser | c (Մ) us | UL Certified to UL and CSA Standards |
| | remote control | 1 | ball-proof (upon request) | ® | CSA Certified to UL and CSA Standards |
| 9 | available upon request | 0 | accessory | (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)

above the surface)

| IK03 | 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) |
| IKOB | 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) |
| IK10 | protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ above the surface) |

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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm