

LIGHTING PERFORMANCE TECHINICAL DATA

OVERVIEW

This document contains the tested and/or extrapolated performance data for each product that Sabin manufactures. All Sabin products are subject to photometric testing according to industry standards. Performance values will vary based on installation factors such as density and mounting height. If custom testing is required, please contact the factory and it can be arranged.

CONTENTS

| | | | |
|----------------------|----|-----------------------------|----|
| LINEAR STANDARD 60 | 2 | OBFORMA - DIFFUSE | 15 |
| LINEAR STADIA 60 | 3 | OBFORMA SHIFT - DIFFUSE | 16 |
| LINEAR LAUTNA 60 | 4 | LAYER DISC - DOWNLIGHT | 17 |
| LINEAR SPOKE | 5 | LAYER DISC - LINEAR | 18 |
| LINEAR RAFT | 6 | LAYER OBRound - DOWNLIGHT | 19 |
| BLOCK - DIFFUSE | 7 | LAYER OBRound - LINEAR | 20 |
| BLOCK - DOWNLIGHT | 8 | LAYER RECTANGLE - DOWNLIGHT | 21 |
| CYLINDER - DIFFUSE | 9 | LAYER RECTANGLE - LINEAR | 22 |
| CYLINDER - DOWNLIGHT | 10 | LAYER TRIANGLE - DOWNLIGHT | 23 |
| QUAD - DIFFUSE | 11 | LAYER TRIANGLE - LINEAR | 24 |
| QUAD - DOWNLIGHT | 12 | PLANE - DOWNLIGHT | 25 |
| TRI - DOWNLIGHT | 13 | PLANE - LINEAR | 26 |
| OBFORMA - DOWNLIGHT | 14 | | |

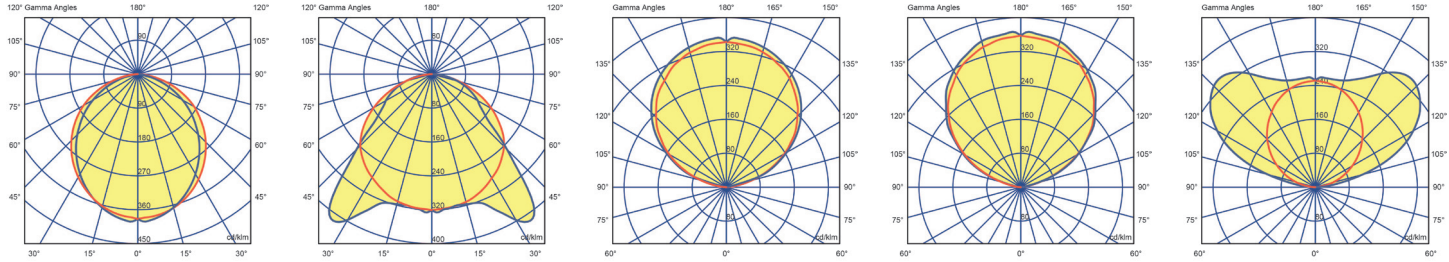
LIGHTING PERFORMANCE

TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LINEAR STANDARD 60

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| INDIRECT BARE BOARD (IBB) | D1250 | 1250 | 12.21 | 102.36 |
| | I200 | 200 | 1.22 | 163.67 |
| | I500 | 500 | 3.06 | 163.14 |
| | I750 | 750 | 4.65 | 161.40 |
| INDIRECT DUST COVER (IDC) | I1000 | 1000 | 6.31 | 158.48 |
| | I1250 | 1250 | 8.10 | 154.38 |
| | I1500 | 1500 | 10.06 | 149.11 |
| | I200 | 200 | 1.28 | 156.11 |
| INDIRECT BATWING (IBW) | I500 | 500 | 3.23 | 154.80 |
| | I750 | 750 | 4.92 | 152.36 |
| | I1000 | 1000 | 6.72 | 148.71 |
| | I1250 | 1250 | 8.69 | 143.85 |
| | I1500 | 1500 | 10.89 | 137.76 |
| | I200 | 200 | 1.42 | 140.80 |
| | I500 | 500 | 3.60 | 139.02 |
| | I750 | 750 | 5.50 | 136.39 |
| | I1000 | 1000 | 7.54 | 132.70 |
| | I1250 | 1250 | 9.77 | 127.96 |
| | I1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISED
08 30 2024



2

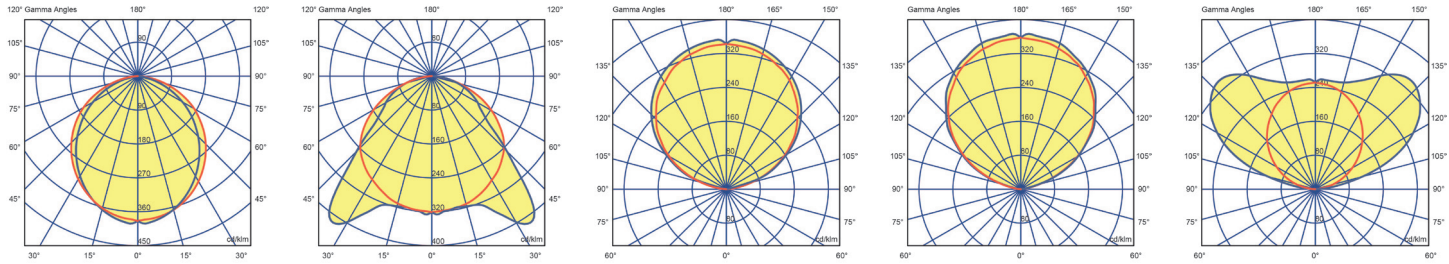
LIGHTING PERFORMANCE

TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LINEAR STADIA 60

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| INDIRECT BARE BOARD (IBB) | D1250 | 1250 | 12.21 | 102.36 |
| | I200 | 200 | 1.22 | 163.67 |
| | I500 | 500 | 3.06 | 163.14 |
| | I750 | 750 | 4.65 | 161.40 |
| | I1000 | 1000 | 6.31 | 158.48 |
| INDIRECT DUST COVER (IDC) | I1250 | 1250 | 8.10 | 154.38 |
| | I1500 | 1500 | 10.06 | 149.11 |
| | I200 | 200 | 1.28 | 156.11 |
| | I500 | 500 | 3.23 | 154.80 |
| | I750 | 750 | 4.92 | 152.36 |
| INDIRECT BATWING (IBW) | I1000 | 1000 | 6.72 | 148.71 |
| | I1250 | 1250 | 8.69 | 143.85 |
| | I1500 | 1500 | 10.89 | 137.76 |
| | I200 | 200 | 1.42 | 140.80 |
| | I500 | 500 | 3.60 | 139.02 |
| INDIRECT BATWING (IBW) | I750 | 750 | 5.50 | 136.39 |
| | I1000 | 1000 | 7.54 | 132.70 |
| | I1250 | 1250 | 9.77 | 127.96 |
| | I1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISED
08 30 2024



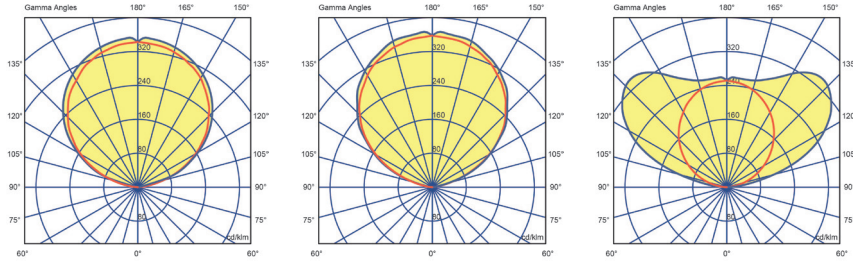
LIGHTING PERFORMANCE

TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LINEAR LAUTNA 60

PHOTOMETRIC PLOTS



| | | | | | |
|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| INDIRECT BARE BOARD (IBB) | I200 | 200 | 1.22 | 163.67 |
| | I500 | 500 | 3.06 | 163.14 |
| | I750 | 750 | 4.65 | 161.40 |
| | I1000 | 1000 | 6.31 | 158.48 |
| | I1250 | 1250 | 8.10 | 154.38 |
| INDIRECT DUST COVER (IDC) | I1500 | 1500 | 10.06 | 149.11 |
| | I200 | 200 | 1.28 | 156.11 |
| | I500 | 500 | 3.23 | 154.80 |
| | I750 | 750 | 4.92 | 152.36 |
| | I1000 | 1000 | 6.72 | 148.71 |
| INDIRECT BATWING (IBW) | I1250 | 1250 | 8.69 | 143.85 |
| | I1500 | 1500 | 10.89 | 137.76 |
| | I200 | 200 | 1.42 | 140.80 |
| | I500 | 500 | 3.60 | 139.02 |
| | I750 | 750 | 5.50 | 136.39 |
| INDIRECT BATWING (IBW) | I1000 | 1000 | 7.54 | 132.70 |
| | I1250 | 1250 | 9.77 | 127.96 |
| | I1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |

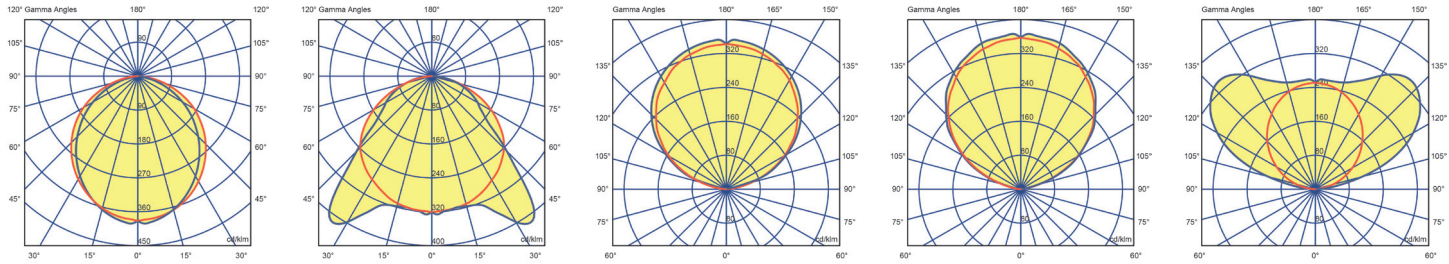
LIGHTING PERFORMANCE

TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LINEAR SPOKE

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| INDIRECT BARE BOARD (IBB) | D1250 | 1250 | 12.21 | 102.36 |
| | I200 | 200 | 1.22 | 163.67 |
| | I500 | 500 | 3.06 | 163.14 |
| | I750 | 750 | 4.65 | 161.40 |
| INDIRECT DUST COVER (IDC) | I1000 | 1000 | 6.31 | 158.48 |
| | I1250 | 1250 | 8.10 | 154.38 |
| | I1500 | 1500 | 10.06 | 149.11 |
| | I200 | 200 | 1.28 | 156.11 |
| INDIRECT BATWING (IBW) | I500 | 500 | 3.23 | 154.80 |
| | I750 | 750 | 4.92 | 152.36 |
| | I1000 | 1000 | 6.72 | 148.71 |
| | I1250 | 1250 | 8.69 | 143.85 |
| | I1500 | 1500 | 10.89 | 137.76 |
| | I200 | 200 | 1.42 | 140.80 |
| | I500 | 500 | 3.60 | 139.02 |
| | I750 | 750 | 5.50 | 136.39 |
| | I1000 | 1000 | 7.54 | 132.70 |
| | I1250 | 1250 | 9.77 | 127.96 |
| | I1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISED
08 30 2024



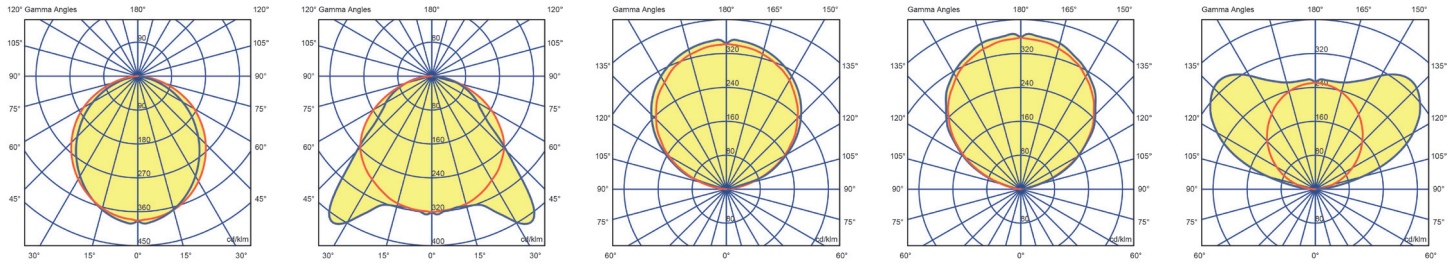
LIGHTING PERFORMANCE

TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LINEAR RAFT

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| INDIRECT BARE BOARD (IBB) | D1250 | 1250 | 12.21 | 102.36 |
| | I200 | 200 | 1.22 | 163.67 |
| | I500 | 500 | 3.06 | 163.14 |
| | I750 | 750 | 4.65 | 161.40 |
| | I1000 | 1000 | 6.31 | 158.48 |
| INDIRECT DUST COVER (IDC) | I1250 | 1250 | 8.10 | 154.38 |
| | I1500 | 1500 | 10.06 | 149.11 |
| | I200 | 200 | 1.28 | 156.11 |
| | I500 | 500 | 3.23 | 154.80 |
| | I750 | 750 | 4.92 | 152.36 |
| INDIRECT BATWING (IBW) | I1000 | 1000 | 6.72 | 148.71 |
| | I1250 | 1250 | 8.69 | 143.85 |
| | I1500 | 1500 | 10.89 | 137.76 |
| | I200 | 200 | 1.42 | 140.80 |
| | I500 | 500 | 3.60 | 139.02 |
| INDIRECT BATWING (IBW) | I750 | 750 | 5.50 | 136.39 |
| | I1000 | 1000 | 7.54 | 132.70 |
| | I1250 | 1250 | 9.77 | 127.96 |
| | I1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISED
08 30 2024



6

LIGHTING PERFORMANCE

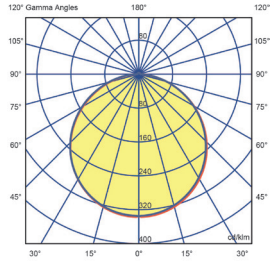
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

BLOCK

LIT - DIFFUSE

PHOTOMETRIC PLOTS



SIZES ALL
 WATTAGE 29.6 W
 LUMENS 3711.6 LM

DELIVERED LUMENS AND ENERGY USE

| SIZE | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|---------------------------------|-----------------|--------------------|----------------|----------------|
| 13" X 13" (321 MM X 321 MM) | 1000 | 1047 | 9.5 | 110.6 |
| | 1500 | 1515 | 14.2 | 107.0 |
| | 2000 | 1955 | 19.4 | 100.8 |
| 24" X 13" (621 MM X 321 MM) | 2000 | 1971 | 18.1 | 109.0 |
| | 2250 | 2263 | 21.2 | 106.8 |
| | 2500 | 2632 | 25.4 | 103.8 |
| 48" X 13" (1231 MM X 321 MM) | 3000 | 3340 | 24.8 | 134.6 |
| | 4000 | 3881 | 29.2 | 132.8 |
| | 5000 | 5055 | 39.7 | 127.2 |
| 24" X 24" (621 MM X 621 MM) | 3000 | 3343 | 24.7 | 135.1 |
| | 4000 | 3862 | 29.0 | 133.0 |
| | 5000 | 5065 | 39.8 | 127.2 |
| 48" X 24" (1231 MM X 621 MM) | 4000 | 3917 | 27.9 | 140.3 |
| | 5000 | 5213 | 38.5 | 135.4 |
| | 6000 | 6182 | 47.1 | 131.3 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 3000K | | 3500K | | 4000K | | 5000K | |
|------------|-------|-------|-------|-------|-------|-----|-------|------|
| CRI | 80 | 90 | 80 | 90 | 80 | 90 | 80 | 90 |
| MULTIPLIER | 0.95 | 0.855 | 0.975 | 0.878 | 1 | 0.9 | 1.21 | 1.09 |

LIGHTING PERFORMANCE

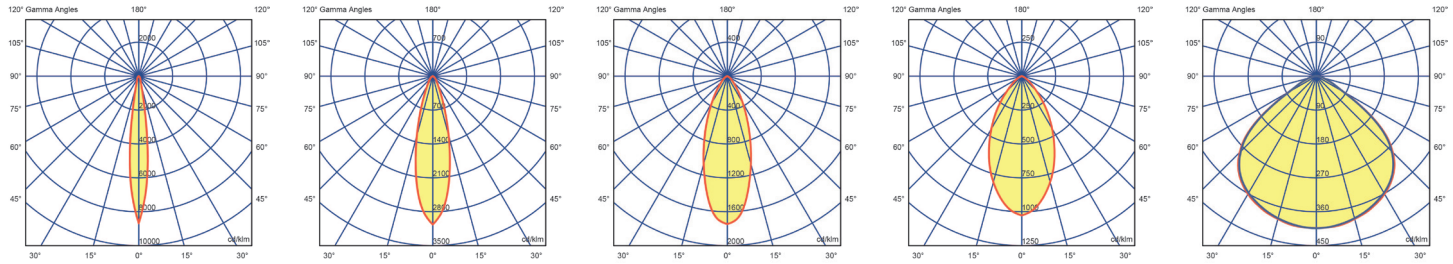
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

BLOCK

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|-------------|---------|--------|---------|--------|---------|------------|---------|-----------------|
| OPTIC | NARROW SPOT | OPTIC | SPOT | OPTIC | FLOOD | OPTIC | WIDE FLOOD | OPTIC | GENERAL AMBIENT |
| WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 |
| LUMENS | 2227.47 | LUMENS | 2159.5 | LUMENS | 2127.8 | LUMENS | 2102.8 | LUMENS | 2030.3 |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2000 | 2160 | 24.0 | 90.0 |
| | D2500 | 2681 | 27.5 | 97.5 |
| 40° FLOOD (DFL) | D3000 | 3135 | 34.0 | 92.2 |
| | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| 60° WIDE FLOOD (DWF) | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| | D3000 | 3065 | 34.0 | 90.1 |
| +90° GENERAL AMBIENT (DGA) | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| +90° GENERAL AMBIENT (DGA) | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

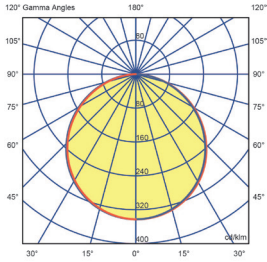
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

CYLINDER

LIT - DIFFUSE

PHOTOMETRIC PLOTS



SIZE ALL
 WATTAGE 45.8
 LUMENS 5845.8

DELIVERED LUMENS AND ENERGY USE

| SIZE | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|---------------|-----------------|--------------------|----------------|----------------|
| 24" (600 MM) | D2000 | 2000 | 16.27 | 122.94 |
| | D3500 | 3500 | 27.90 | 125.45 |
| | D5000 | 5000 | 39.15 | 127.70 |
| 35" (900 MM) | D8000 | 8000 | 60.86 | 131.44 |
| | D10000 | 10000 | 74.98 | 133.37 |
| | D12000 | 12000 | 88.99 | 134.84 |
| 47" (1200 MM) | D14000 | 14000 | 103.05 | 135.86 |
| | D16000 | 16000 | 117.28 | 136.43 |
| | D18000 | 18000 | 131.83 | 136.54 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.88 | 0.91 | 1 | 0.94 |

LIGHTING PERFORMANCE

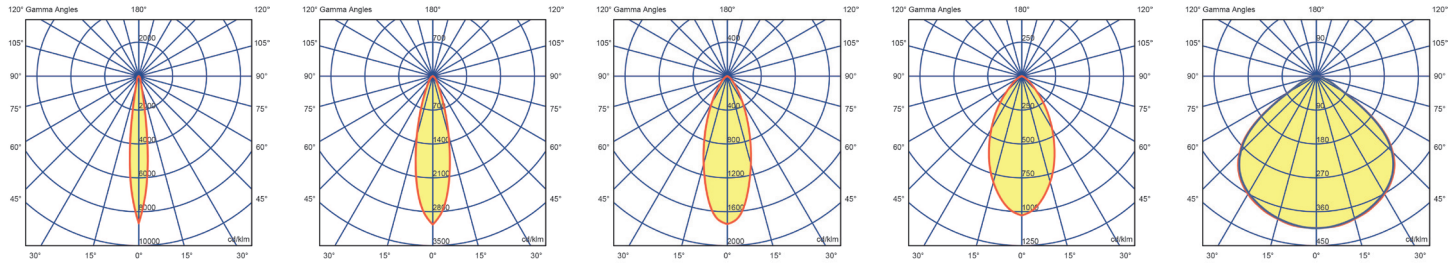
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

CYLINDER

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|-------------|---------|--------|---------|--------|---------|------------|---------|-----------------|
| OPTIC | NARROW SPOT | OPTIC | SPOT | OPTIC | FLOOD | OPTIC | WIDE FLOOD | OPTIC | GENERAL AMBIENT |
| WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 |
| LUMENS | 2227.47 | LUMENS | 2159.5 | LUMENS | 2127.8 | LUMENS | 2102.8 | LUMENS | 2030.3 |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2000 | 2160 | 24.0 | 90.0 |
| | D2500 | 2681 | 27.5 | 97.5 |
| 40° FLOOD (DFL) | D3000 | 3135 | 34.0 | 92.2 |
| | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| 60° WIDE FLOOD (DWF) | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| | D3000 | 3065 | 34.0 | 90.1 |
| +90° GENERAL AMBIENT (DGA) | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| +90° GENERAL AMBIENT (DGA) | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

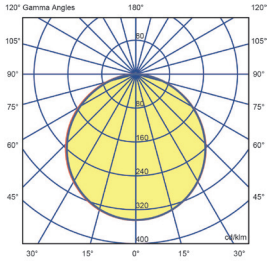
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

QUAD

LIT - DIFFUSE

PHOTOMETRIC PLOTS



SIZE ALL
 WATTAGE 42.7
 LUMENS 5224.2

DELIVERED LUMENS AND ENERGY USE

| SIZE | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|---------------|-----------------|--------------------|----------------|----------------|
| 24" (600 MM) | D2000 | 2000 | 16.93 | 118.12 |
| | D3500 | 3500 | 29.10 | 120.28 |
| | D5000 | 5000 | 40.92 | 122.20 |
| 35" (900 MM) | D8000 | 8000 | 63.81 | 125.37 |
| | D10000 | 10000 | 78.76 | 126.97 |
| | D12000 | 12000 | 93.62 | 128.18 |
| 47" (1200 MM) | D14000 | 14000 | 108.55 | 128.97 |
| | D16000 | 16000 | 123.69 | 129.36 |
| | D18000 | 18000 | 139.16 | 129.35 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.87 | 0.88 | 1 | 0.90 |

LIGHTING PERFORMANCE

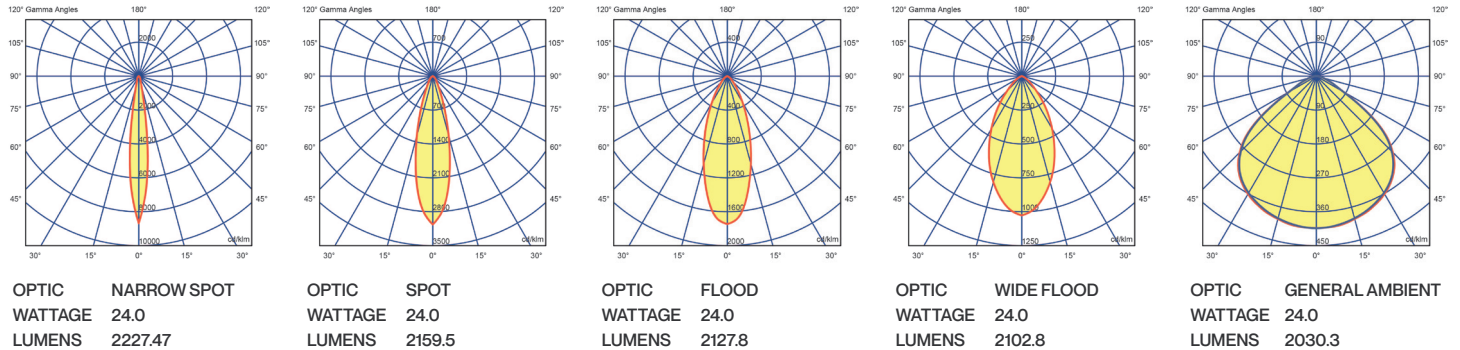
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

QUAD

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2000 | 2160 | 24.0 | 90.0 |
| | D2500 | 2681 | 27.5 | 97.5 |
| 40° FLOOD (DFL) | D3000 | 3135 | 34.0 | 92.2 |
| | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| 60° WIDE FLOOD (DWF) | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| +90° GENERAL AMBIENT (DGA) | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| | D2500 | 2527 | 27.5 | 91.9 |
| +90° GENERAL AMBIENT (DGA) | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

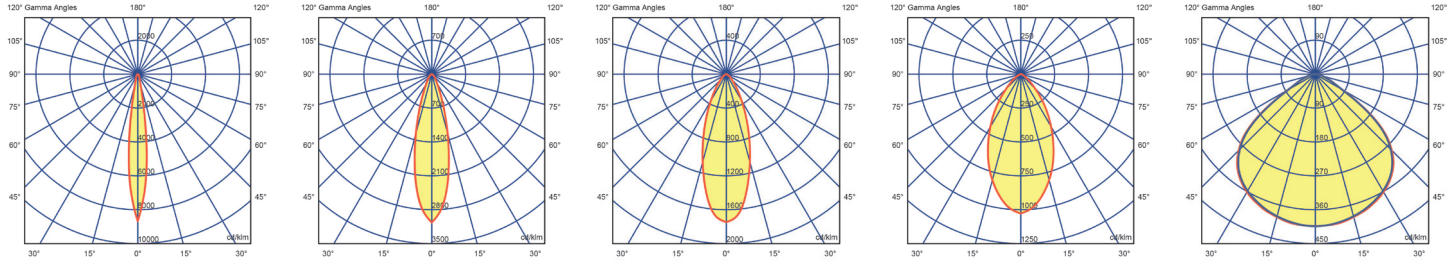
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

TRI

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|-------------|---------|--------|---------|--------|---------|------------|---------|-----------------|
| OPTIC | NARROW SPOT | OPTIC | SPOT | OPTIC | FLOOD | OPTIC | WIDE FLOOD | OPTIC | GENERAL AMBIENT |
| WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 |
| LUMENS | 2227.47 | LUMENS | 2159.5 | LUMENS | 2127.8 | LUMENS | 2102.8 | LUMENS | 2030.3 |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2000 | 2160 | 24.0 | 90.0 |
| | D2500 | 2681 | 27.5 | 97.5 |
| 40° FLOOD (DFL) | D3000 | 3135 | 34.0 | 92.2 |
| | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| | D2000 | 2128 | 24.0 | 88.7 |
| 60° WIDE FLOOD (DWF) | D2500 | 2621 | 27.5 | 95.3 |
| | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| +90° GENERAL AMBIENT (DGA) | D2000 | 2103 | 24.0 | 87.6 |
| | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

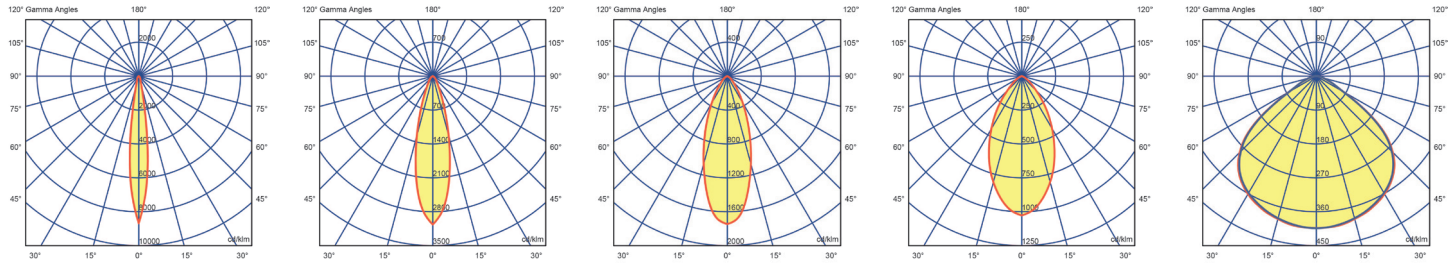
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

OBFORMA

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|-------------|---------|--------|---------|--------|---------|------------|---------|-----------------|
| OPTIC | NARROW SPOT | OPTIC | SPOT | OPTIC | FLOOD | OPTIC | WIDE FLOOD | OPTIC | GENERAL AMBIENT |
| WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 |
| LUMENS | 2227.47 | LUMENS | 2159.5 | LUMENS | 2127.8 | LUMENS | 2102.8 | LUMENS | 2030.3 |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2500 | 2681 | 27.5 | 97.5 |
| | D3000 | 3135 | 34.0 | 92.2 |
| 40° FLOOD (DFL) | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| 60° WIDE FLOOD (DWF) | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

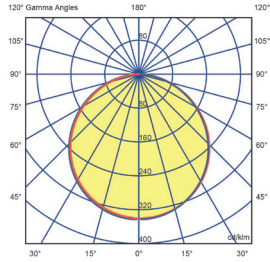
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

OBFORMA

LIT - DIFFUSE

PHOTOMETRIC PLOTS



SIZE ALL
 WATTAGE 41.9
 LUMENS 5723.0

DELIVERED LUMENS AND ENERGY USE

| SIZE | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|---------------------------------|-----------------|--------------------|----------------|----------------|
| 31" X 16" (800 MM X 400 MM) | D2000 | 2000 | 14.73 | 135.80 |
| | D3500 | 3500 | 25.61 | 136.65 |
| | D5000 | 5000 | 36.41 | 137.33 |
| 47" X 24" (1200 MM X 600 MM) | D8000 | 8000 | 57.90 | 138.17 |
| | D10000 | 10000 | 72.28 | 138.36 |
| | D12000 | 12000 | 86.81 | 138.24 |
| 63" X 24" (1600 MM X 600 MM) | D14000 | 14000 | 101.58 | 137.82 |
| | D16000 | 16000 | 116.71 | 137.09 |
| | D18000 | 18000 | 132.29 | 136.06 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.84 | 0.9 | 1 | 0.93 |

LIGHTING PERFORMANCE

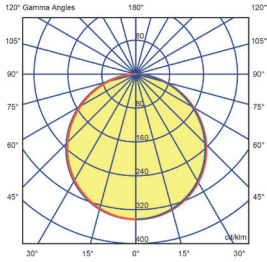
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

OBFORMA SHIFT

LIT - DIFFUSE

PHOTOMETRIC PLOTS



SIZE ALL
 WATTAGE 45.8
 LUMENS 5845.8

DELIVERED LUMENS AND ENERGY USE

| SIZE | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|---------------|-----------------|--------------------|----------------|----------------|
| 24" (600 MM) | D2000 | 2000 | 16.27 | 122.94 |
| | D3500 | 3500 | 27.90 | 125.45 |
| | D5000 | 5000 | 39.15 | 127.70 |
| 35" (900 MM) | D8000 | 8000 | 60.86 | 131.44 |
| | D10000 | 10000 | 74.98 | 133.37 |
| | D12000 | 12000 | 88.99 | 134.84 |
| 47" (1200 MM) | D14000 | 14000 | 103.05 | 135.86 |
| | D16000 | 16000 | 117.28 | 136.43 |
| | D18000 | 18000 | 131.83 | 136.54 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.88 | 0.91 | 1 | 0.94 |

LIGHTING PERFORMANCE

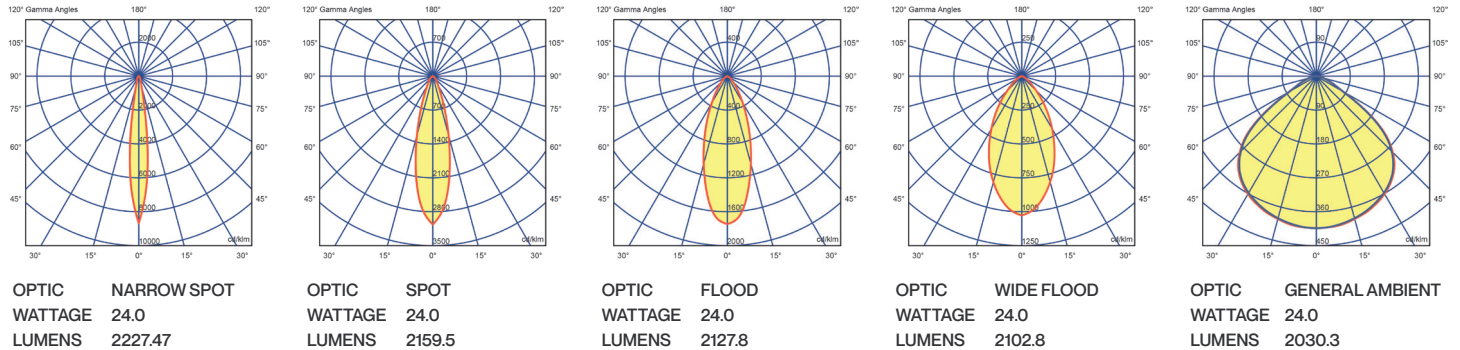
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER DISC

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2500 | 2681 | 27.5 | 97.5 |
| | D3000 | 3135 | 34.0 | 92.2 |
| 40° FLOOD (DFL) | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| 60° WIDE FLOOD (DWF) | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

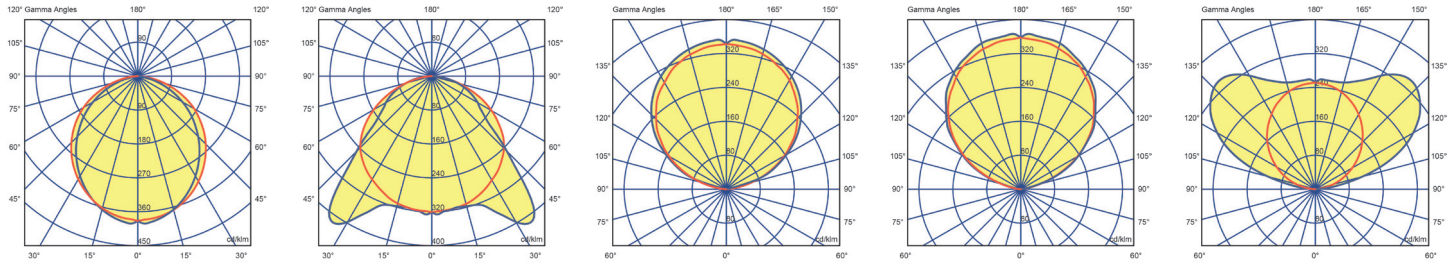
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER DISC

LIT - LINEAR

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| | D1250 | 1250 | 12.21 | 102.36 |
| INDIRECT BARE BOARD (IBB) | D200 | 200 | 1.22 | 163.67 |
| | D500 | 500 | 3.06 | 163.14 |
| | D750 | 750 | 4.65 | 161.40 |
| | D1000 | 1000 | 6.31 | 158.48 |
| | D1250 | 1250 | 8.10 | 154.38 |
| INDIRECT DUST COVER (IDC) | D1500 | 1500 | 10.06 | 149.11 |
| | D200 | 200 | 1.28 | 156.11 |
| | D500 | 500 | 3.23 | 154.80 |
| | D750 | 750 | 4.92 | 152.36 |
| | D1000 | 1000 | 6.72 | 148.71 |
| INDIRECT BATWING (IBW) | D1250 | 1250 | 8.69 | 143.85 |
| | D1500 | 1500 | 10.89 | 137.76 |
| | D200 | 200 | 1.42 | 140.80 |
| | D500 | 500 | 3.60 | 139.02 |
| | D750 | 750 | 5.50 | 136.39 |
| | D1000 | 1000 | 7.54 | 132.70 |
| | D1250 | 1250 | 9.77 | 127.96 |
| | D1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISED
08 30 2024



18

LIGHTING PERFORMANCE

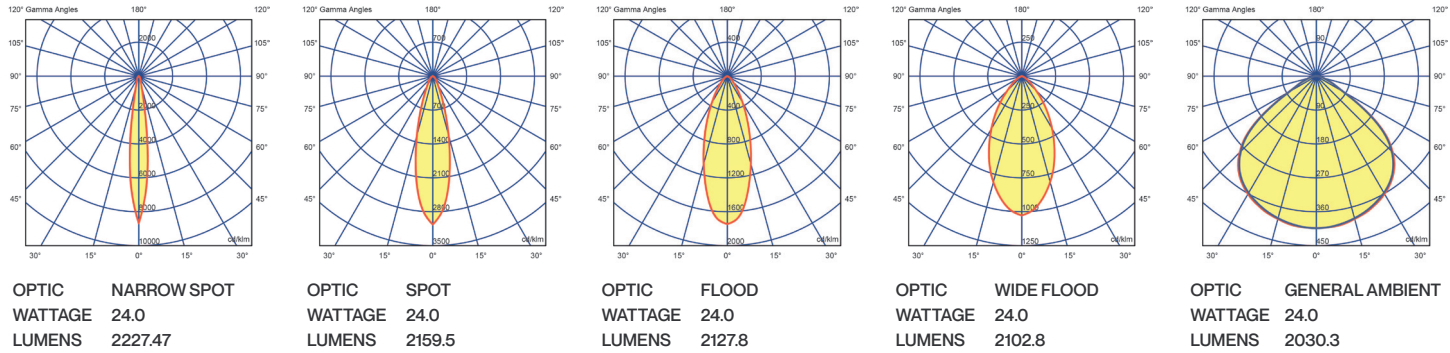
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER OBROUND

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2500 | 2681 | 27.5 | 97.5 |
| | D3000 | 3135 | 34.0 | 92.2 |
| 40° FLOOD (DFL) | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| 60° WIDE FLOOD (DWF) | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

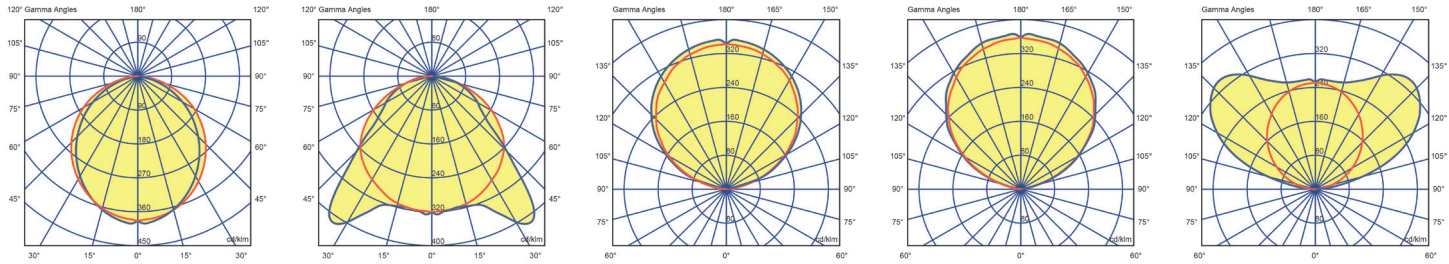
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER OBROUND

LIT - LINEAR

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| INDIRECT BARE BOARD (IBB) | D1250 | 1250 | 12.21 | 102.36 |
| | D200 | 200 | 1.22 | 163.67 |
| | D500 | 500 | 3.06 | 163.14 |
| | D750 | 750 | 4.65 | 161.40 |
| INDIRECT DUST COVER (IDC) | D1000 | 1000 | 6.31 | 158.48 |
| | D1250 | 1250 | 8.10 | 154.38 |
| | D1500 | 1500 | 10.06 | 149.11 |
| | D200 | 200 | 1.28 | 156.11 |
| INDIRECT BATWING (IBW) | D500 | 500 | 3.23 | 154.80 |
| | D750 | 750 | 4.92 | 152.36 |
| | D1000 | 1000 | 6.72 | 148.71 |
| | D1250 | 1250 | 8.69 | 143.85 |
| INDIRECT BARE BOARD (IBB) | D1500 | 1500 | 10.89 | 137.76 |
| | D200 | 200 | 1.42 | 140.80 |
| | D500 | 500 | 3.60 | 139.02 |
| | D750 | 750 | 5.50 | 136.39 |
| | D1000 | 1000 | 7.54 | 132.70 |
| INDIRECT BARE BOARD (IBB) | D1250 | 1250 | 9.77 | 127.96 |
| | D1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISIED
08 30 2024



LIGHTING PERFORMANCE

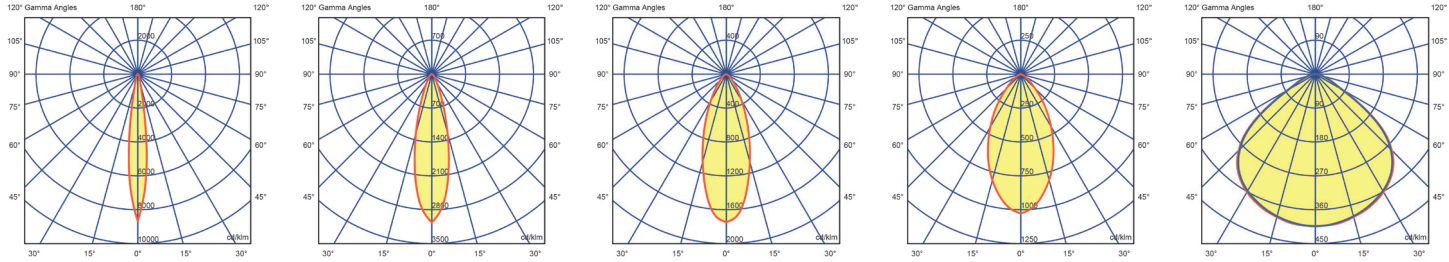
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER RECTANGLE

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|-------------|---------|--------|---------|--------|---------|------------|---------|-----------------|
| OPTIC | NARROW SPOT | OPTIC | SPOT | OPTIC | FLOOD | OPTIC | WIDE FLOOD | OPTIC | GENERAL AMBIENT |
| WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 | WATTAGE | 24.0 |
| LUMENS | 2227.47 | LUMENS | 2159.5 | LUMENS | 2127.8 | LUMENS | 2102.8 | LUMENS | 2030.3 |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2000 | 2160 | 24.0 | 90.0 |
| | D2500 | 2681 | 27.5 | 97.5 |
| 40° FLOOD (DFL) | D3000 | 3135 | 34.0 | 92.2 |
| | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| 60° WIDE FLOOD (DWF) | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| | D3000 | 3065 | 34.0 | 90.1 |
| +90° GENERAL AMBIENT (DGA) | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

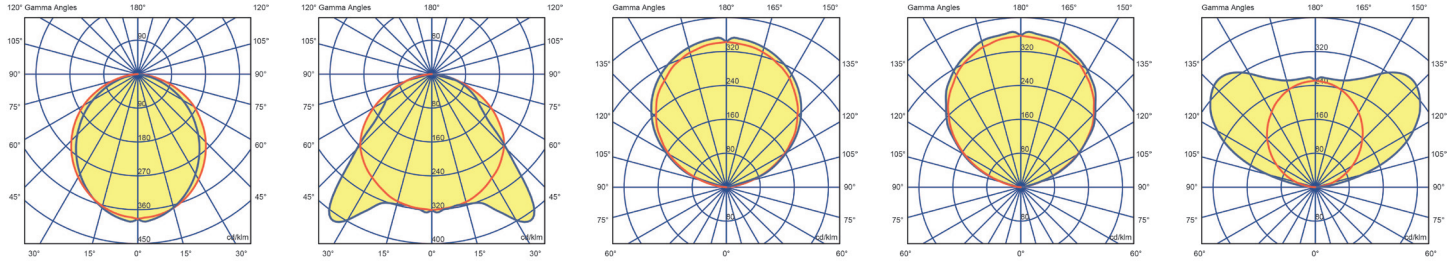
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER RECTANGLE

LIT - LINEAR

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| | D1250 | 1250 | 12.21 | 102.36 |
| INDIRECT BARE BOARD (IBB) | D200 | 200 | 1.22 | 163.67 |
| | D500 | 500 | 3.06 | 163.14 |
| | D750 | 750 | 4.65 | 161.40 |
| | D1000 | 1000 | 6.31 | 158.48 |
| | D1250 | 1250 | 8.10 | 154.38 |
| INDIRECT DUST COVER (IDC) | D1500 | 1500 | 10.06 | 149.11 |
| | D200 | 200 | 1.28 | 156.11 |
| | D500 | 500 | 3.23 | 154.80 |
| | D750 | 750 | 4.92 | 152.36 |
| | D1000 | 1000 | 6.72 | 148.71 |
| INDIRECT BATWING (IBW) | D1250 | 1250 | 8.69 | 143.85 |
| | D1500 | 1500 | 10.89 | 137.76 |
| | D200 | 200 | 1.42 | 140.80 |
| | D500 | 500 | 3.60 | 139.02 |
| | D750 | 750 | 5.50 | 136.39 |
| | D1000 | 1000 | 7.54 | 132.70 |
| | D1250 | 1250 | 9.77 | 127.96 |
| | D1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISIED
08 30 2024



LIGHTING PERFORMANCE

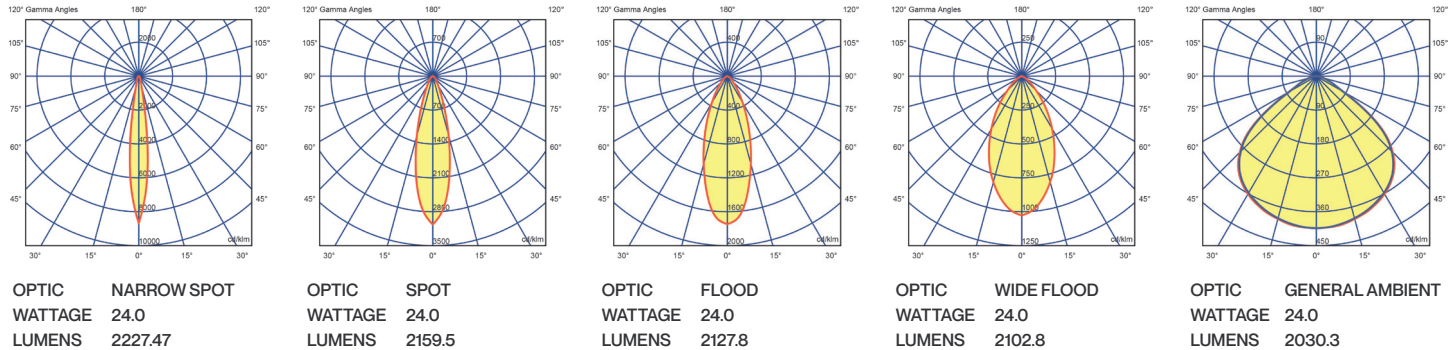
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER TRIANGLE

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2500 | 2681 | 27.5 | 97.5 |
| | D3000 | 3135 | 34.0 | 92.2 |
| 40° FLOOD (DFL) | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| 60° WIDE FLOOD (DWF) | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

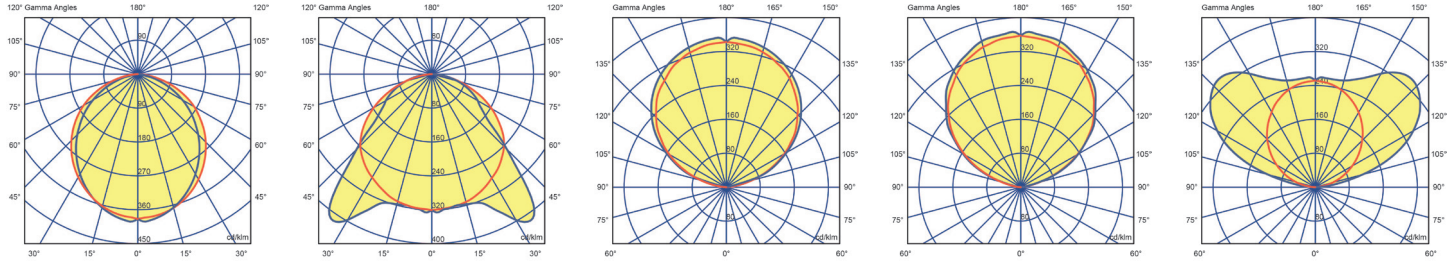
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

LAYER TRIANGLE

LIT - LINEAR

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| | D1250 | 1250 | 12.21 | 102.36 |
| INDIRECT BARE BOARD (IBB) | D200 | 200 | 1.22 | 163.67 |
| | D500 | 500 | 3.06 | 163.14 |
| | D750 | 750 | 4.65 | 161.40 |
| | D1000 | 1000 | 6.31 | 158.48 |
| | D1250 | 1250 | 8.10 | 154.38 |
| INDIRECT DUST COVER (IDC) | D1500 | 1500 | 10.06 | 149.11 |
| | D200 | 200 | 1.28 | 156.11 |
| | D500 | 500 | 3.23 | 154.80 |
| | D750 | 750 | 4.92 | 152.36 |
| | D1000 | 1000 | 6.72 | 148.71 |
| INDIRECT BATWING (IBW) | D1250 | 1250 | 8.69 | 143.85 |
| | D1500 | 1500 | 10.89 | 137.76 |
| | D200 | 200 | 1.42 | 140.80 |
| | D500 | 500 | 3.60 | 139.02 |
| | D750 | 750 | 5.50 | 136.39 |
| | D1000 | 1000 | 7.54 | 132.70 |
| | D1250 | 1250 | 9.77 | 127.96 |
| | D1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |

LIGHTING PERFORMANCE

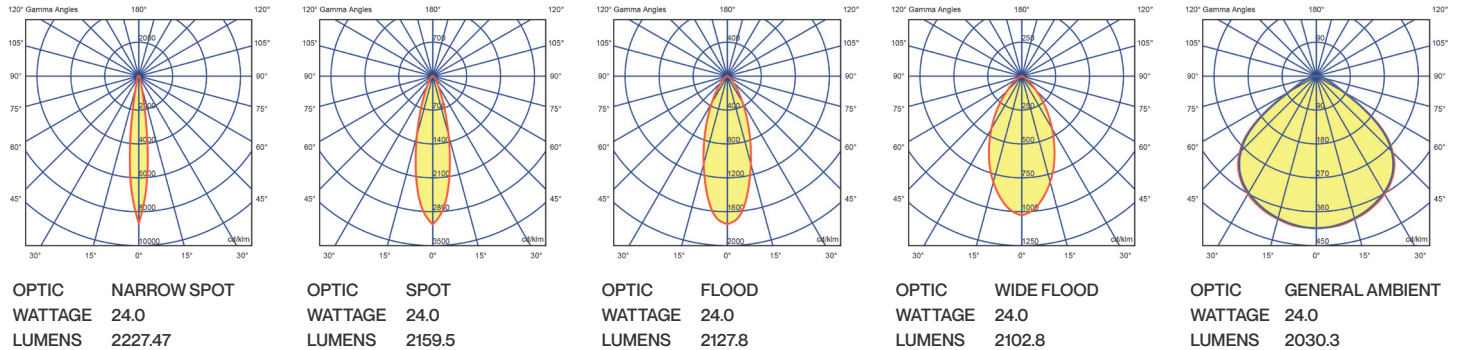
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

PLANE

LIT - DOWNLIGHT

PHOTOMETRIC PLOTS



DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT (LUMENS) | DELIVERED (LUMENS) | ENERGY (WATTS) | EFFICACY (LPW) |
|----------------------------|-----------------|--------------------|----------------|----------------|
| 15° NARROW SPOT (DNS) | D750 | 739 | 9.5 | 77.8 |
| | D1500 | 1316 | 16.5 | 79.7 |
| | D2000 | 2227 | 24.0 | 92.8 |
| 25° SPOT (DSP) | D750 | 717 | 9.5 | 75.4 |
| | D1500 | 1276 | 16.5 | 77.3 |
| | D2500 | 2681 | 27.5 | 97.5 |
| | D3000 | 3135 | 34.0 | 92.2 |
| 40° FLOOD (DFL) | D750 | 706 | 9.5 | 74.3 |
| | D1500 | 1257 | 16.5 | 76.2 |
| | D2000 | 2128 | 24.0 | 88.7 |
| | D2500 | 2621 | 27.5 | 95.3 |
| 60° WIDE FLOOD (DWF) | D3000 | 3065 | 34.0 | 90.1 |
| | D750 | 698 | 9.5 | 73.4 |
| | D1500 | 1243 | 16.5 | 75.3 |
| | D2000 | 2103 | 24.0 | 87.6 |
| +90° GENERAL AMBIENT (DGA) | D2500 | 2527 | 27.5 | 91.9 |
| | D3000 | 2954 | 34.0 | 86.9 |
| | D750 | 674 | 9.5 | 70.9 |
| | D1500 | 1200 | 16.5 | 72.7 |
| | D2000 | 2030 | 24.0 | 84.6 |

*Based on 3500k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| CCT | 2700K | 3000K | 3500K | 4000K |
|------------|-------|-------|-------|-------|
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.91 | 0.96 | 1 | 1.03 |

LIGHTING PERFORMANCE

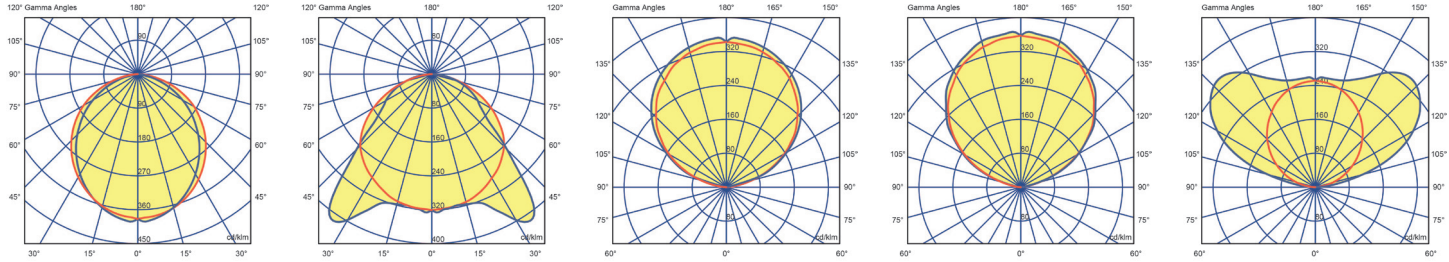
TECHINCAL DATA

| | | | |
|------|---------|------|--------------|
| DATE | PROJECT | FIRM | FIXTURE TYPE |
|------|---------|------|--------------|

PLANE

LIT - LINEAR

PHOTOMETRIC PLOTS



| | | | | | | | | | |
|---------|---------------|---------|---------------|---------|------------------|---------|------------------|---------|---------------|
| OPTIC | DIFFUSE (DDL) | OPTIC | BATWING (DBL) | OPTIC | BARE BOARD (IBB) | OPTIC | DUST COVER (IDC) | OPTIC | BATWING (IBW) |
| WATTAGE | 73.1 | WATTAGE | 75.8 | WATTAGE | 62.5 | WATTAGE | 61.2 | WATTAGE | 64.0 |
| LUMENS | 4399.6 | LUMENS | 5216.5 | LUMENS | 5976.3 | LUMENS | 5505.8 | LUMENS | 5241.7 |
| LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) | LENGTH | 49" (1253 MM) |

DELIVERED LUMENS AND ENERGY USE

| OPTIC | OUTPUT | DELIVERED (LUMENS/FT) | ENERGY (WATTS/FT) | EFFICACY (LPW) |
|---------------------------|--------|-----------------------|-------------------|----------------|
| DIRECT DIFFUSE LENS (DDL) | D200 | 200 | 1.71 | 116.81 |
| | D500 | 500 | 4.41 | 113.31 |
| | D750 | 750 | 6.93 | 108.21 |
| | D1000 | 1000 | 9.89 | 101.14 |
| | D1250 | 1250 | 13.57 | 92.10 |
| DIRECT BATWING LENS (DBL) | D200 | 200 | 1.64 | 121.63 |
| | D500 | 500 | 4.18 | 119.68 |
| | D750 | 750 | 6.47 | 115.88 |
| | D1000 | 1000 | 9.08 | 110.11 |
| | D1250 | 1250 | 12.21 | 102.36 |
| INDIRECT BARE BOARD (IBB) | D200 | 200 | 1.22 | 163.67 |
| | D500 | 500 | 3.06 | 163.14 |
| | D750 | 750 | 4.65 | 161.40 |
| | D1000 | 1000 | 6.31 | 158.48 |
| | D1250 | 1250 | 8.10 | 154.38 |
| INDIRECT DUST COVER (IDC) | D1500 | 1500 | 10.06 | 149.11 |
| | D200 | 200 | 1.28 | 156.11 |
| | D500 | 500 | 3.23 | 154.80 |
| | D750 | 750 | 4.92 | 152.36 |
| | D1000 | 1000 | 6.72 | 148.71 |
| INDIRECT BATWING (IBW) | D1250 | 1250 | 8.69 | 143.85 |
| | D1500 | 1500 | 10.89 | 137.76 |
| | D200 | 200 | 1.42 | 140.80 |
| | D500 | 500 | 3.60 | 139.02 |
| | D750 | 750 | 5.50 | 136.39 |
| | D1000 | 1000 | 7.54 | 132.70 |
| | D1250 | 1250 | 9.77 | 127.96 |
| | D1500 | 1500 | 12.28 | 122.17 |

*Based on 3000k, ≥90CRI. Lumen output and wattage may vary +/-5%.

CCT MULTIPLIER

| | | | | |
|------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| CRI | 90 | 90 | 90 | 90 |
| MULTIPLIER | 0.98 | 1 | 1 | 1.03 |



© 2024 SABIN LLC. ALL RIGHTS RESERVED.
DATE REVISED
08 30 2024

