

# APEX 5CCT

High Performance Recessed LED Downlight

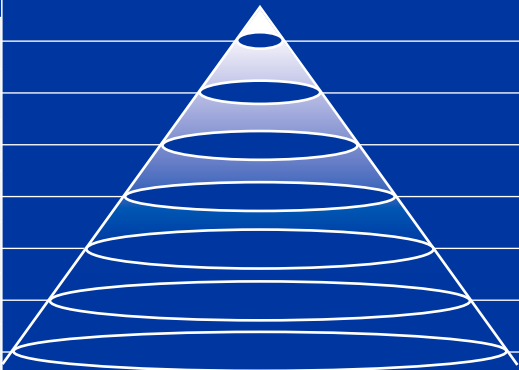
## APX-610-CCT

### PHOTOMETRICS SHEET

#### PHOTOMETRICS

| Nominal size | Model       | Light output | Wattage / Voltage | Selectable color temperature | CRI |
|--------------|-------------|--------------|-------------------|------------------------------|-----|
| 6"           | APX-610-CCT | 1700 lm      | 18W / 120V        | 27K/3K/35K/4K/5K             | 90  |

#### FOOTCANDLE DIAGRAM

| Mounting height<br>(feet / meters) |                                                                                    | Footcandles<br>at Nadir | Diameter<br>(feet / meters) |
|------------------------------------|------------------------------------------------------------------------------------|-------------------------|-----------------------------|
| 4' / 1.22m                         |  | 61.43                   | 6.93' / 2.11m               |
| 6' / 1.83m                         |                                                                                    | 27.3                    | 10.39' / 3.17m              |
| 8' / 2.44m                         |                                                                                    | 15.36                   | 13.86' / 4.22m              |
| 10' / 3.05m                        |                                                                                    | 9.83                    | 17.32' / 5.28m              |
| 12' / 3.66m                        |                                                                                    | 6.83                    | 20.79' / 6.34m              |
| 14' / 4.27m                        |                                                                                    | 5.01                    | 24.25' / 7.39m              |
| 16' / 4.88m                        |                                                                                    | 3.84                    | 27.72' / 8.44m              |

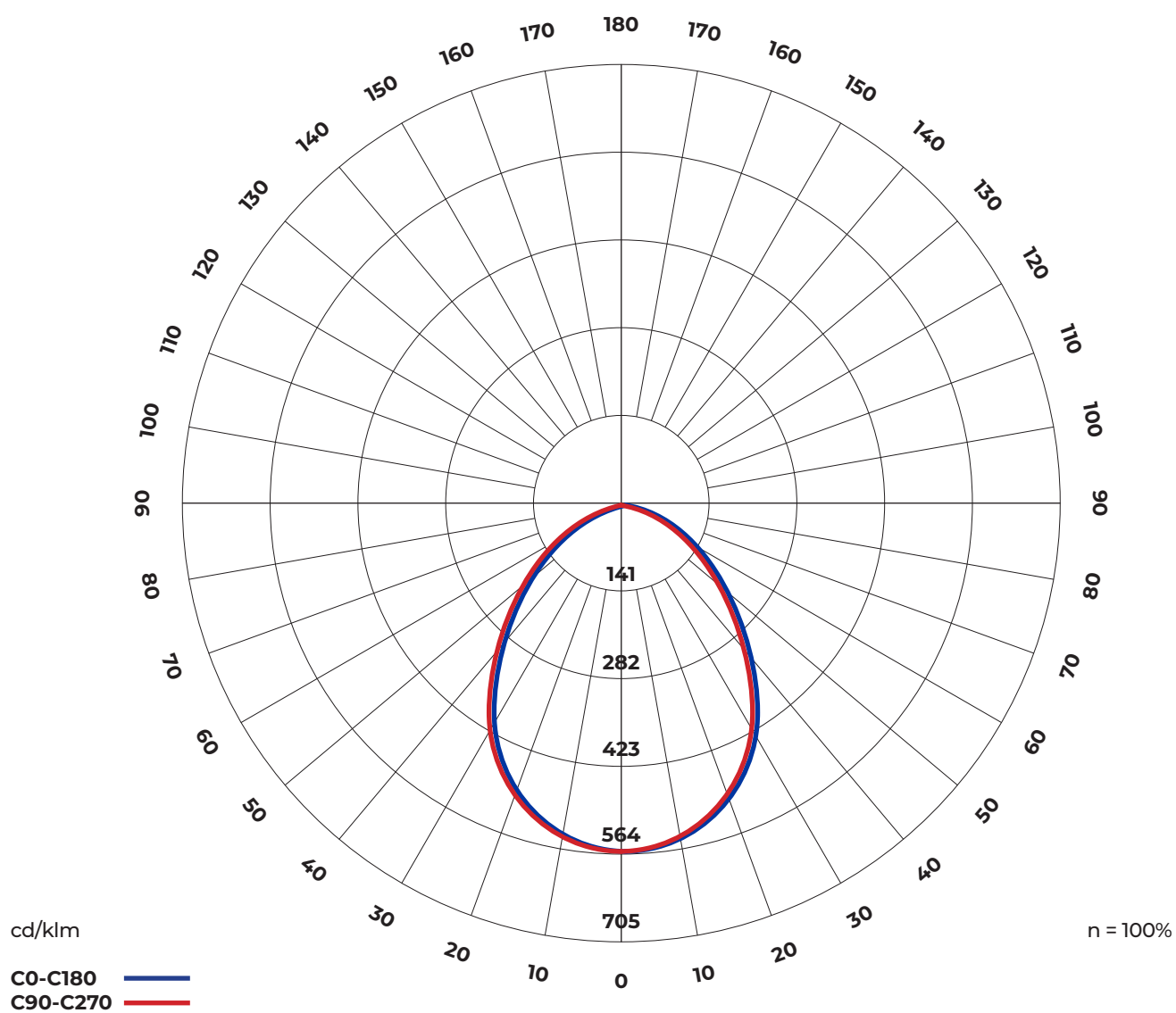
#### AVERAGE LUMINANCE (cd/m<sup>2</sup>)

| G/C | 0       | 45      | 90      |
|-----|---------|---------|---------|
| 0   | 59522.8 | 59522.8 | 59522.8 |
| 45  | 34732.3 | 34758.0 | 34732.3 |
| 55  | 22314.4 | 22581.0 | 22631.1 |
| 65  | 11864.7 | 11922.0 | 11936.3 |
| 75  | 8435.0  | 8546.1  | 8470.1  |
| 85  | 4273.2  | 4255.8  | 4412.2  |

## ZONAL LUMEN SUMMARY

| Zone   | Lumens | % of luminaire |
|--------|--------|----------------|
| 0-30   | 721.5  | 41.36          |
| 0-40   | 1106.1 | 63.42          |
| 0-60   | 1611.1 | 92.37          |
| 0-90   | 1744.1 | 100            |
| 90-180 | 0      | 0              |

## DISTRIBUTION CURVE (cd/klm)



# COEFFICIENTS OF UTILIZATION

| RC  | 0.8    | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0   |
|-----|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW  | 0.7    | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0   |
| RCR | RF=0.2 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119    | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 111    | 108 | 104 | 101 | 109 | 105 | 102 | 100 | 101 | 99  | 96  | 97  | 95  | 94  | 94  | 92  | 91  | 89  |
| 2   | 103    | 97  | 91  | 87  | 101 | 95  | 90  | 86  | 91  | 87  | 84  | 88  | 85  | 82  | 85  | 83  | 80  | 78  |
| 3   | 96     | 87  | 80  | 75  | 94  | 86  | 80  | 75  | 83  | 78  | 73  | 80  | 76  | 72  | 78  | 74  | 71  | 69  |
| 4   | 89     | 79  | 72  | 66  | 87  | 78  | 71  | 66  | 75  | 69  | 65  | 73  | 68  | 64  | 71  | 67  | 63  | 61  |
| 5   | 83     | 72  | 64  | 58  | 81  | 71  | 64  | 58  | 69  | 62  | 58  | 67  | 61  | 57  | 65  | 60  | 56  | 55  |
| 6   | 77     | 66  | 58  | 52  | 75  | 65  | 57  | 52  | 63  | 57  | 52  | 61  | 56  | 51  | 60  | 55  | 51  | 49  |
| 7   | 72     | 60  | 53  | 47  | 71  | 60  | 52  | 47  | 58  | 51  | 47  | 57  | 51  | 46  | 55  | 05  | 46  | 44  |
| 8   | 68     | 56  | 48  | 43  | 66  | 55  | 48  | 43  | 54  | 47  | 42  | 53  | 47  | 42  | 51  | 46  | 42  | 40  |
| 9   | 64     | 51  | 44  | 39  | 62  | 51  | 44  | 39  | 50  | 43  | 39  | 49  | 43  | 39  | 48  | 42  | 38  | 37  |
| 10  | 60     | 48  | 41  | 36  | 59  | 47  | 40  | 36  | 46  | 40  | 36  | 46  | 40  | 36  | 45  | 39  | 35  | 34  |