

Light efficiency:

22 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

0 K

Output: 93.0 lm

Peak: 93.5 cd

Power: 4.2 W

16.8V @ 0.250A

2 PLANES



Product name:

**DLCM-HP-BLUE-40D**

Date and time:

**12/10/2020 3:20:54 PM**

Item number:

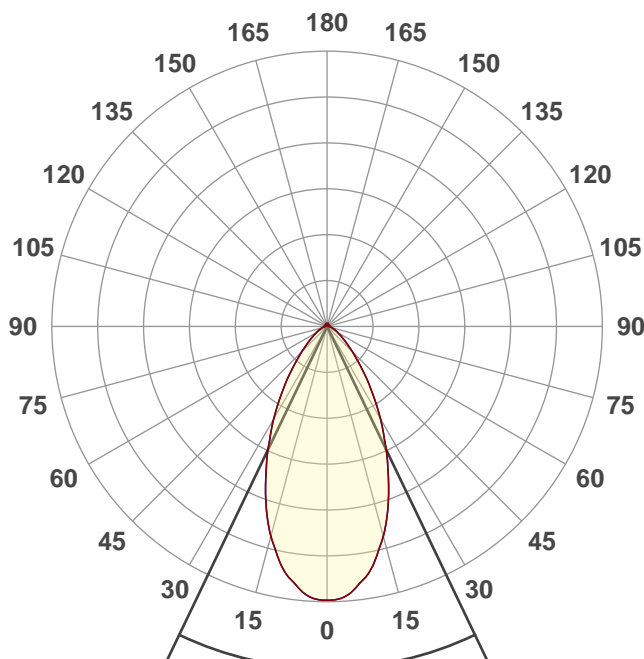
**DLCM-HP-BLUE-40D**

Operator:

**HUNZA**

Additional information:

**DOWN LIGHT CEILING  
MOUNT HIGH POWER -  
250MA 16.8VOLT - IP66 -  
BLUE - 40 DEGREE - SOLID  
POWDERCOATED  
ALUMINIUM**



Beam angle

**51.2°**

Color

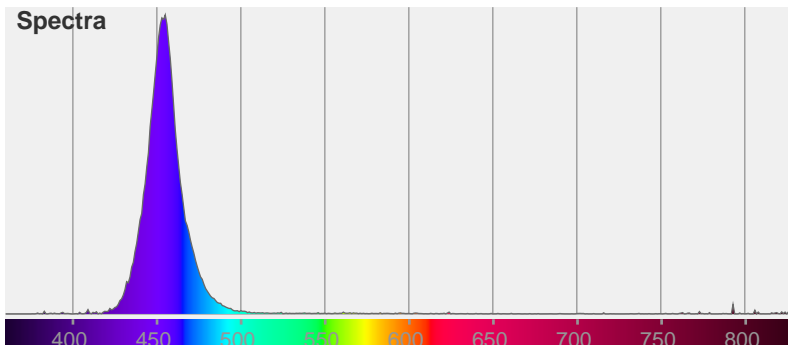


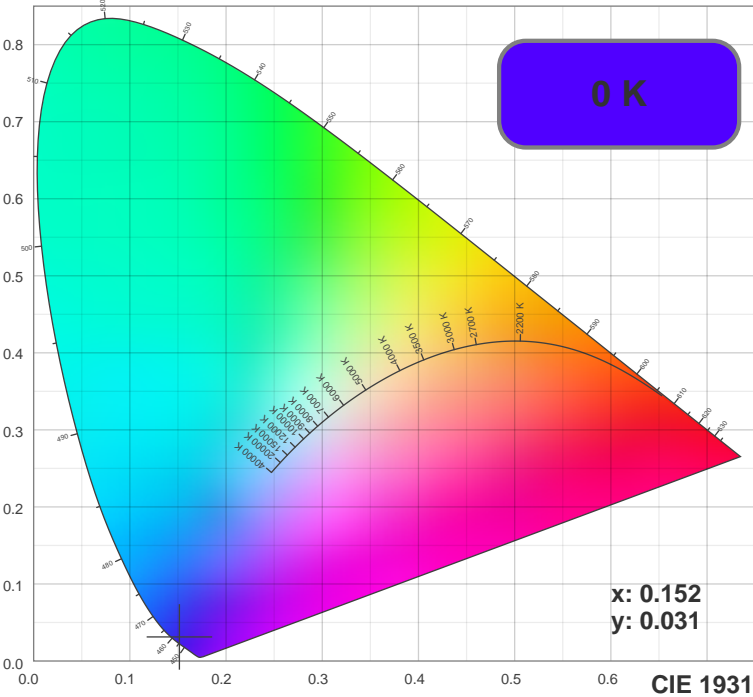
CIE1931

x: 0.152

y: 0.031

Spectra





TM30: 0.0

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |

CRI R values, only R1-R8 are used to calculate final CRI value

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| R1   | R2   | R3   | R4   | R5   | R6   | R7   | R8   | R9   | R10  | R11  | R12  | R13  | R14  | R15  |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

TM30 C values, 16 binned values out of total of 99 C values

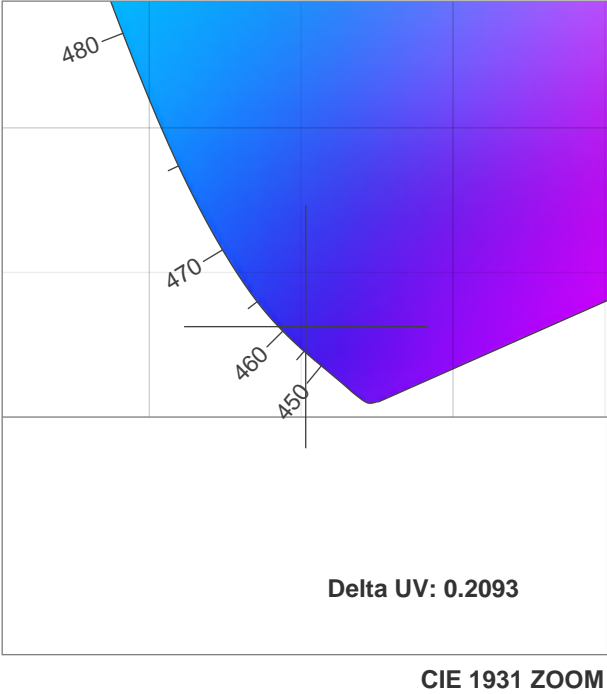
|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

CQS Q values

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Q1   | Q2   | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  | Q13  | Q14  | Q15  |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Color parameters

|     |     |        |         |         |     |     |     |     |     |     |
|-----|-----|--------|---------|---------|-----|-----|-----|-----|-----|-----|
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x   | y   | u   | v   | Duv |
| 0 K | 0.0 | 0.0    | 0.0     | 0.0     | 0.0 | 0.2 | 0.0 | 0.2 | 0.1 | NaN |

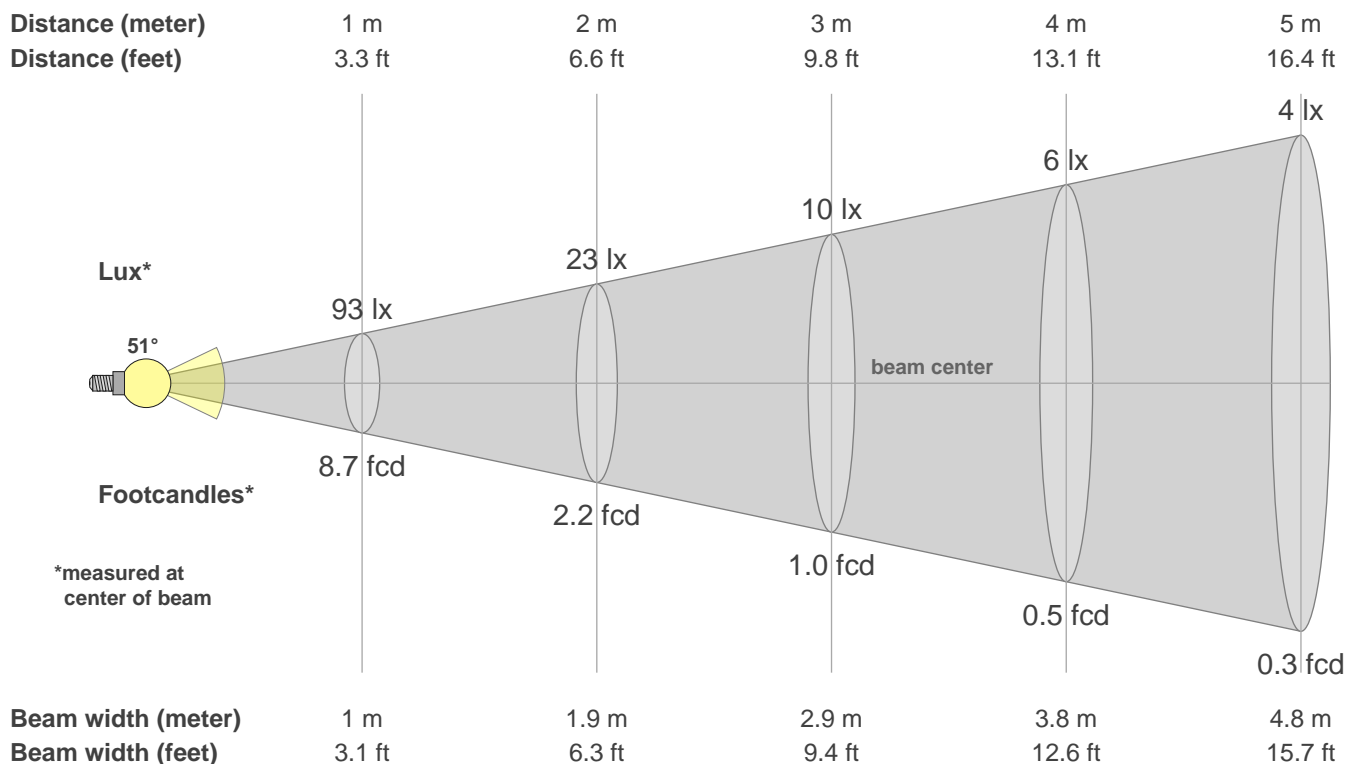


CRI: 0.0 (R1-R8)

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|---|
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0 |
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |   |

CQS: 0.0

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|---|
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0 |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |   |



## Intensities in 0° c-plane

| 0°   | 2°   | 4°   | 6°   | 8°   | 10°  | 12°  | 14°  | 16°  | 18°  | 20°  | 22°  | 24°  | 26°  | 28°  | 30°  | 32°  | 34°  | 36°  | 38°  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93.5 | 93.2 | 92.2 | 90.1 | 87.5 | 84.6 | 80.6 | 76.3 | 71.8 | 66.7 | 61.4 | 56.0 | 50.8 | 45.7 | 40.9 | 36.5 | 32.1 | 28.0 | 24.4 | 21.0 |
| 100% | 100% | 99%  | 96%  | 94%  | 90%  | 86%  | 82%  | 77%  | 71%  | 66%  | 60%  | 54%  | 49%  | 44%  | 39%  | 34%  | 30%  | 26%  | 22%  |

## Intensities in 90° c-plane

| 0°   | 2°   | 4°   | 6°   | 8°   | 10°  | 12°  | 14°  | 16°  | 18°  | 20°  | 22°  | 24°  | 26°  | 28°  | 30°  | 32°  | 34°  | 36°  | 38°  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93.5 | 93.2 | 92.2 | 90.1 | 87.5 | 84.6 | 80.6 | 76.3 | 71.8 | 66.7 | 61.4 | 56.0 | 50.8 | 45.7 | 40.9 | 36.5 | 32.1 | 28.0 | 24.4 | 21.0 |
| 100% | 100% | 99%  | 96%  | 94%  | 90%  | 86%  | 82%  | 77%  | 71%  | 66%  | 60%  | 54%  | 49%  | 44%  | 39%  | 34%  | 30%  | 26%  | 22%  |

## Intensities in 180° c-plane

| 0°   | 2°   | 4°   | 6°   | 8°   | 10°  | 12°  | 14°  | 16°  | 18°  | 20°  | 22°  | 24°  | 26°  | 28°  | 30°  | 32°  | 34°  | 36°  | 38°  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93.5 | 93.2 | 92.2 | 90.1 | 87.5 | 84.6 | 80.6 | 76.3 | 71.8 | 66.7 | 61.4 | 56.0 | 50.8 | 45.7 | 40.9 | 36.5 | 32.1 | 28.0 | 24.4 | 21.0 |
| 100% | 100% | 99%  | 96%  | 94%  | 90%  | 86%  | 82%  | 77%  | 71%  | 66%  | 60%  | 54%  | 49%  | 44%  | 39%  | 34%  | 30%  | 26%  | 22%  |

## Intensities in 270° c-plane

| 0°   | 2°   | 4°   | 6°   | 8°   | 10°  | 12°  | 14°  | 16°  | 18°  | 20°  | 22°  | 24°  | 26°  | 28°  | 30°  | 32°  | 34°  | 36°  | 38°  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93.5 | 93.2 | 92.2 | 90.1 | 87.5 | 84.6 | 80.6 | 76.3 | 71.8 | 66.7 | 61.4 | 56.0 | 50.8 | 45.7 | 40.9 | 36.5 | 32.1 | 28.0 | 24.4 | 21.0 |
| 100% | 100% | 99%  | 96%  | 94%  | 90%  | 86%  | 82%  | 77%  | 71%  | 66%  | 60%  | 54%  | 49%  | 44%  | 39%  | 34%  | 30%  | 26%  | 22%  |

| Beam angle 50% | Field angle 10% | Cutoff angle 2.5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 51.2°          | 97.0°           | 139.0°            | 88.6%                        | 78.5%                       |