

Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 0

Color temperature:

0 K

Output: 209 lm

Peak: 219 cd

Power: 3.2 W

12.6V @ 0.250A

2 PLANES



Product name:

DL-HP-RED-40D

Date and time:

10/12/2020 3:11:33 PM

Item number:

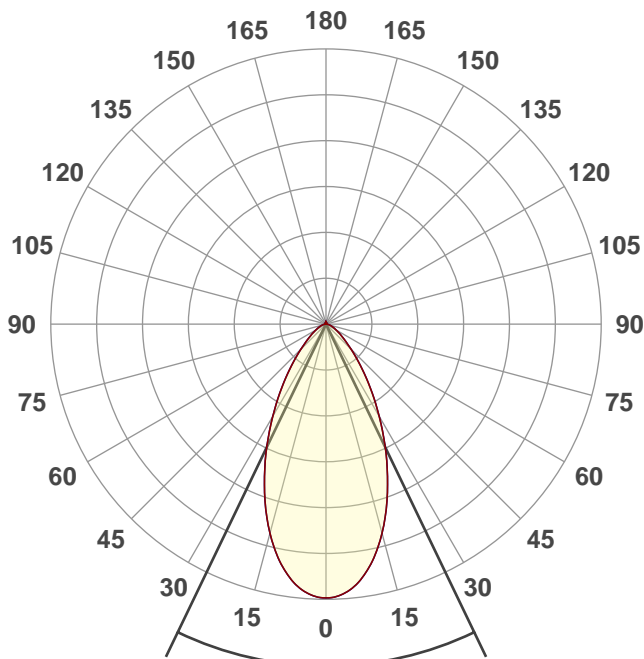
DL-HP-RED-40D

Operator:

HUNZA

Additional information:

**DOWN LIGHT HIGH POWER -
250MA 12.6 VOLT - IP66 - RED -
40 DEGREE - SOLID
POWDERCOATED ALUMINIUM**



Beam angle

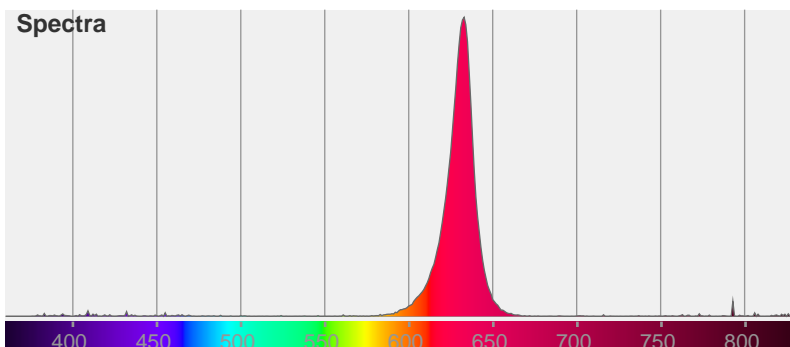
51.4°

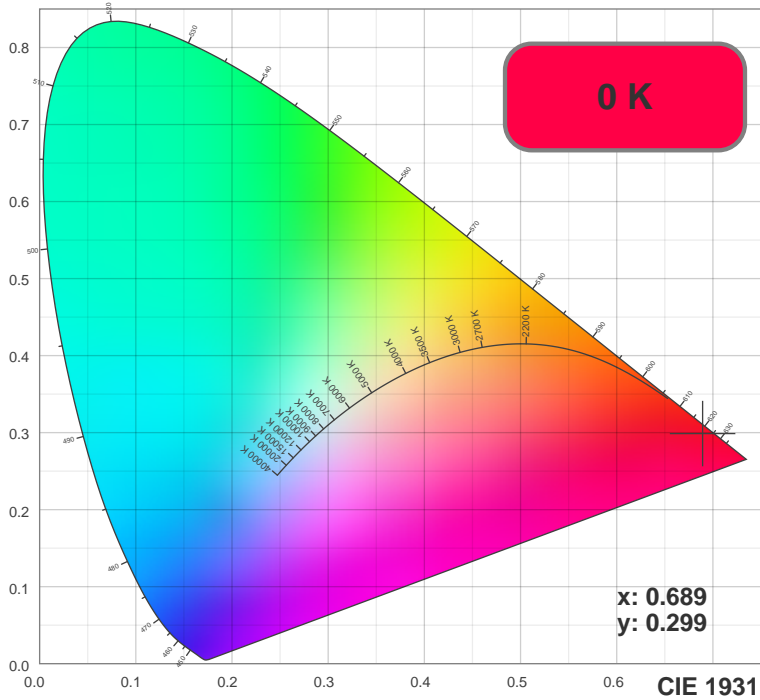
Color



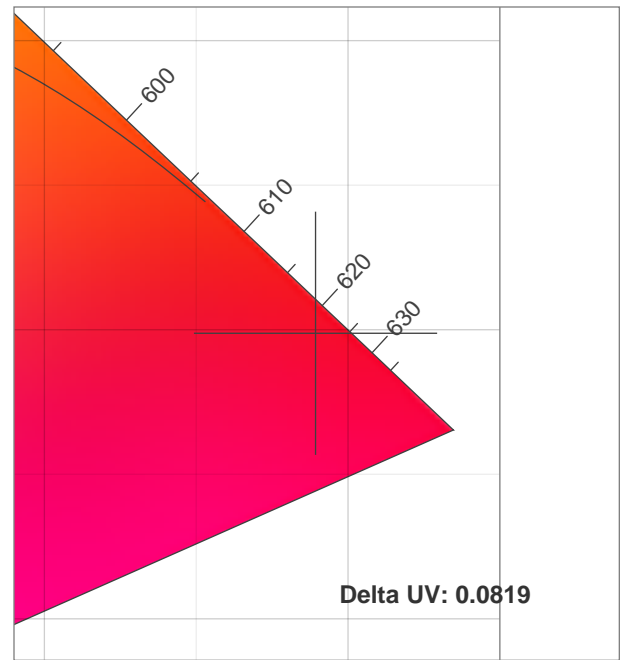
CIE1931
x: 0.689
y: 0.299

Spectra





TM30: 0.0



CRI: 0.0 (R1-R8)

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| 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 |

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| 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 | |

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

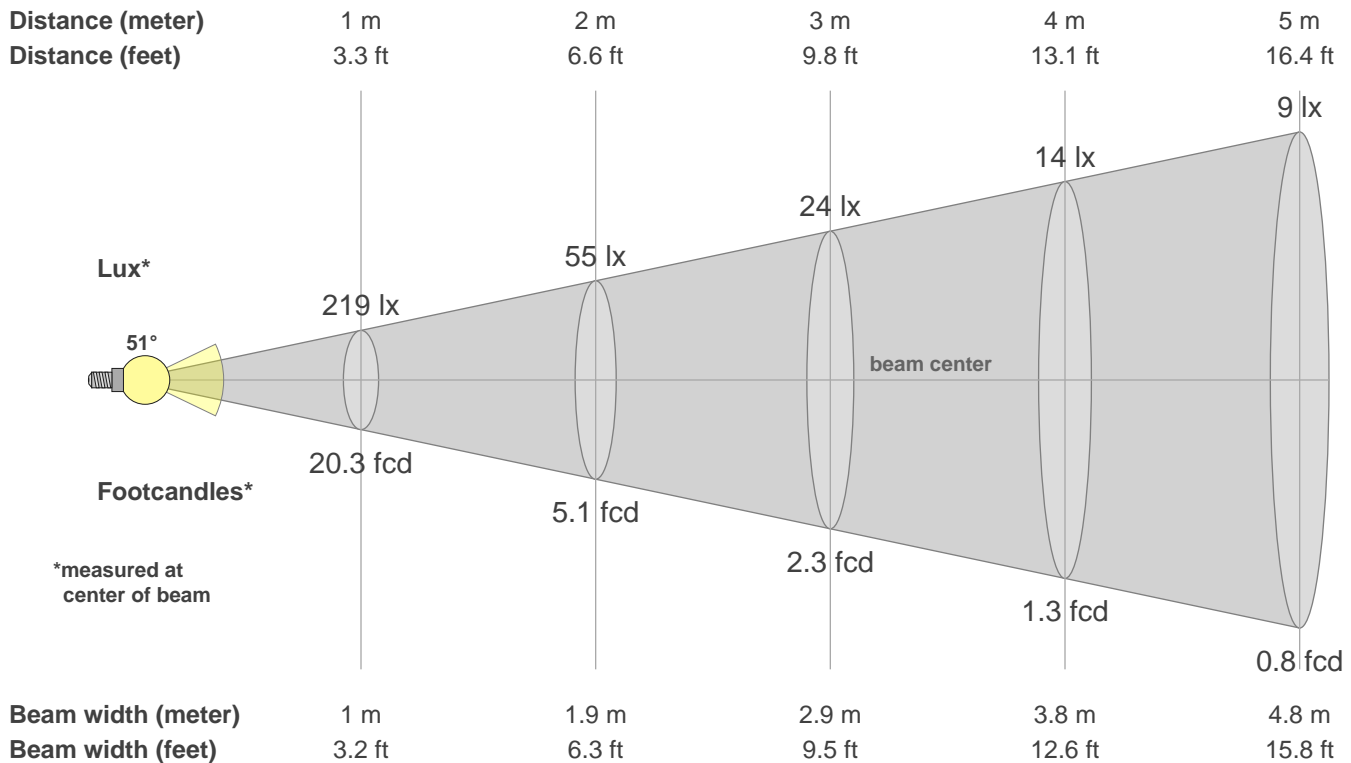
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

CQS: 0.0

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| 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 | |

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 | 0.7 | 0.3 | 0.5 | 0.3 | NaN |



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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 219 | 218 | 215 | 211 | 205 | 198 | 189 | 178 | 167 | 156 | 144 | 131 | 119 | 108 | 96 | 85 | 75 | 66 | 57 | 49 |
| 100% | 100% | 98% | 97% | 94% | 90% | 86% | 82% | 77% | 71% | 66% | 60% | 55% | 49% | 44% | 39% | 34% | 30% | 26% | 23% |

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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 219 | 218 | 215 | 211 | 205 | 198 | 189 | 178 | 167 | 156 | 144 | 131 | 119 | 108 | 96 | 85 | 75 | 66 | 57 | 49 |
| 100% | 100% | 98% | 97% | 94% | 90% | 86% | 82% | 77% | 71% | 66% | 60% | 55% | 49% | 44% | 39% | 34% | 30% | 26% | 23% |

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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 219 | 218 | 215 | 211 | 205 | 198 | 189 | 178 | 167 | 156 | 144 | 131 | 119 | 108 | 96 | 85 | 75 | 66 | 57 | 49 |
| 100% | 100% | 98% | 97% | 94% | 90% | 86% | 82% | 77% | 71% | 66% | 60% | 55% | 49% | 44% | 39% | 34% | 30% | 26% | 23% |

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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 219 | 218 | 215 | 211 | 205 | 198 | 189 | 178 | 167 | 156 | 144 | 131 | 119 | 108 | 96 | 85 | 75 | 66 | 57 | 49 |
| 100% | 100% | 98% | 97% | 94% | 90% | 86% | 82% | 77% | 71% | 66% | 60% | 55% | 49% | 44% | 39% | 34% | 30% | 26% | 23% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2.5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 51.4° | 96.5° | 135.6° | 91.9% | 81.6% |