

DesignLights Consortium



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|------------------------|---|
| Classification | Standard |
| Primary Use | High-Bay Luminaires for Commercial and Industrial Buildings |
| Reported Input Wattage | 110 W |
| Reported Light Output | 14850 lm |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 80 |
| Product ID | P82C2QCH |
| DLC Family Code | EEEEGLZ |
| Listing Status | Listed |
| Date Qualified | 2021-11-03 |

PRODUCT INFORMATION VIEW DETAILS

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|--------------------------------|--|
| Qualified Product List | Solid State Lighting |
| Technical Requirements Version | 5.1 |
| Product ID | P82C2QCH |
| Manufacturer | Technical Consumer Products |
| Brand | TCP |
| Model Number | QAL4UZDA8V450K[Blank, ALL COLORS][Blank, B][Blank, ALL CONTROLS] |
| Parent | Yes |
| Classification | Standard |
| DLC Family Code | EEEEGLZ |
| Input Power Type | AC |

PRODUCT CATEGORIZATION VIEW DETAILS

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|-------------------------|---|
| Category | Indoor Luminaires |
| General Application | High-Bay |
| Primary Use Designation | High-Bay Luminaires for Commercial and Industrial Buildings |

PRODUCT CAPABILITIES VIEW DETAILS

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|------------------------------|------------------------------------|
| Integral Controls | Yes |
| Dimming Capability and Range | Continuous Dimming to 10% or below |

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|--|-----------------------|
| Integral Control Capability | No Control Capability |
| Sensor Type | Multifunction Sensor |
| SSL V5 Wired Communication Protocol | 0-10V Analog |
| SSL V5 Wireless Communication Protocol | Bluetooth |
| Field Adjustable Light Output | No |
| White-Tunable | No |
| Warm-Dimming | No |
| Field Adjustable Light Distribution | No |

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

| | |
|-------------------------------|----------|
| Reported Light Output | 14850 lm |
| Reported Efficacy (AC) | 135 lm/W |
| Reported CCT | 5000 K |
| Reported CRI (Ra) | 80 |
| Reported R9 | 0 |
| Reported IES Rf | 83 |
| Reported IES Rg | 96 |
| Reported IES Rcs,h1 | -12 |
| Reported Default Light Output | 14850 lm |

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

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|------------------------------------|-----------|
| Reported Input Wattage | 110 W |
| Reported Total Harmonic Distortion | 20 % |
| Reported Power Factor | 0.9 |
| Reported Default Input Wattage | 110 |
| Voltage Range | 120-277 V |

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

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|----------------------|------------|
| Tested Light Output | 15835 lm |
| Tested Efficacy (AC) | 139.4 lm/W |
| Tested CCT | 4930 K |
| Tested CRI (Ra) | 83 |
| Tested R9 | 9 |
| Tested IES Rf | 83 |
| Tested IES Rg | 96 |
| Tested IES Rcs,h1 | -12 % |
| Tested Duv | 0.0029 |

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

| | |
|----------------------------------|---------|
| Tested Voltage | 120 |
| Tested Input Wattage | 113.6 W |
| Tested Total Harmonic Distortion | 11.2 % |
| Tested Power Factor | 0.964 |

VERSION HISTORY VIEW DETAILS

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|------------|--------|-----|----------|
| 2021-11-03 | Listed | 5.1 | Standard |
|------------|--------|-----|----------|